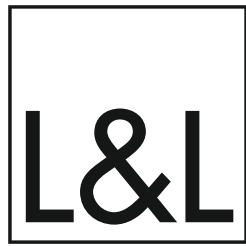


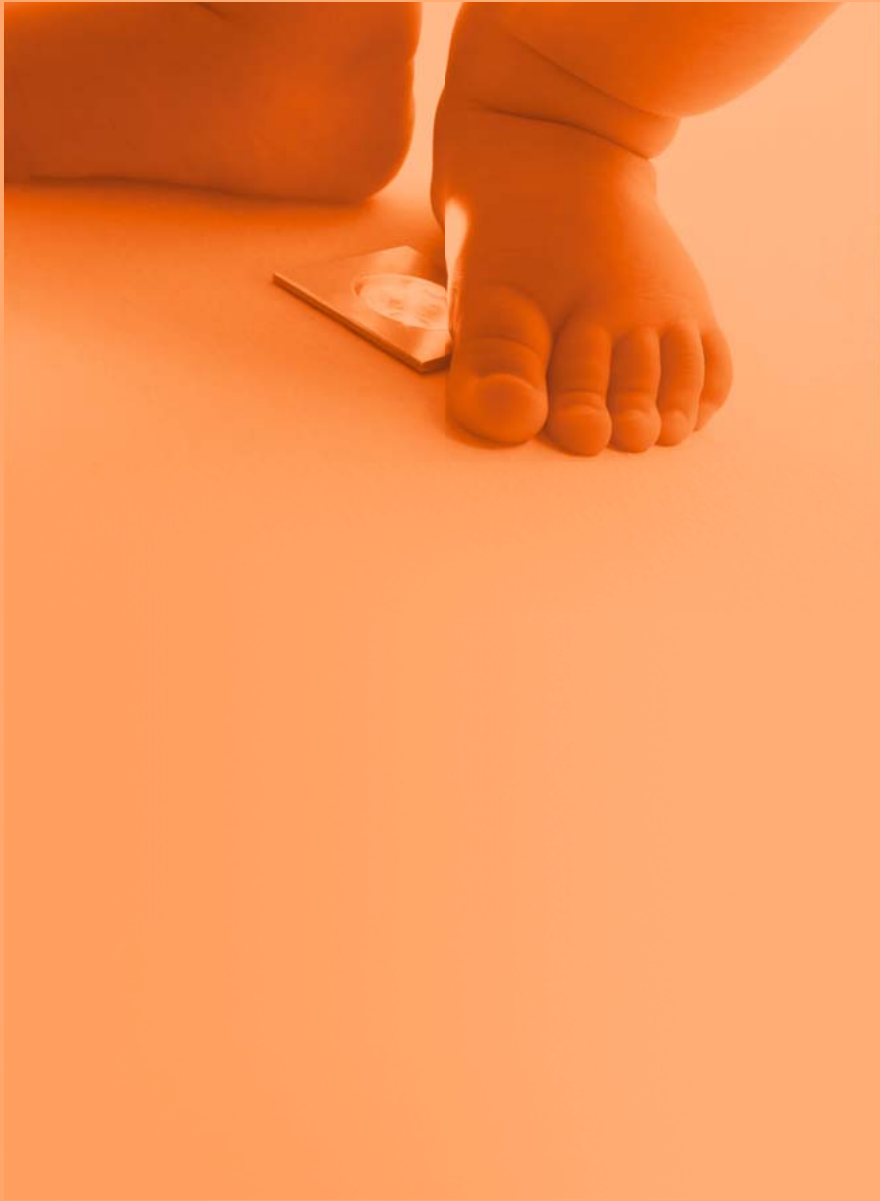


Luce & Light

LIGHT UP YOUR PROJECTS



L u c e & L i g h t



LIGHTS UP ON L&L

LIGHTING UP ARCHITECTURE SINCE 2007

Designing and producing lighting systems
using LED technology is our speciality.

We are proud to be an authentic example, established in 2007,
of the Made in Italy branding, with a flair for innovation
and a profound appreciation of architectural projects.

Our lighting fixtures integrate perfectly with
both outdoor and indoor spaces and surfaces
to recreate natural architectural illumination.

All our products are designed at our headquarters in Vicenza, Veneto,
where our meticulous creative process guarantees the highest
possible quality and the greatest, long-lasting reliability.

OUTDOOR

The functionality and appearance of our fixtures are guaranteed to last even in high-salinity environments and harsh conditions.



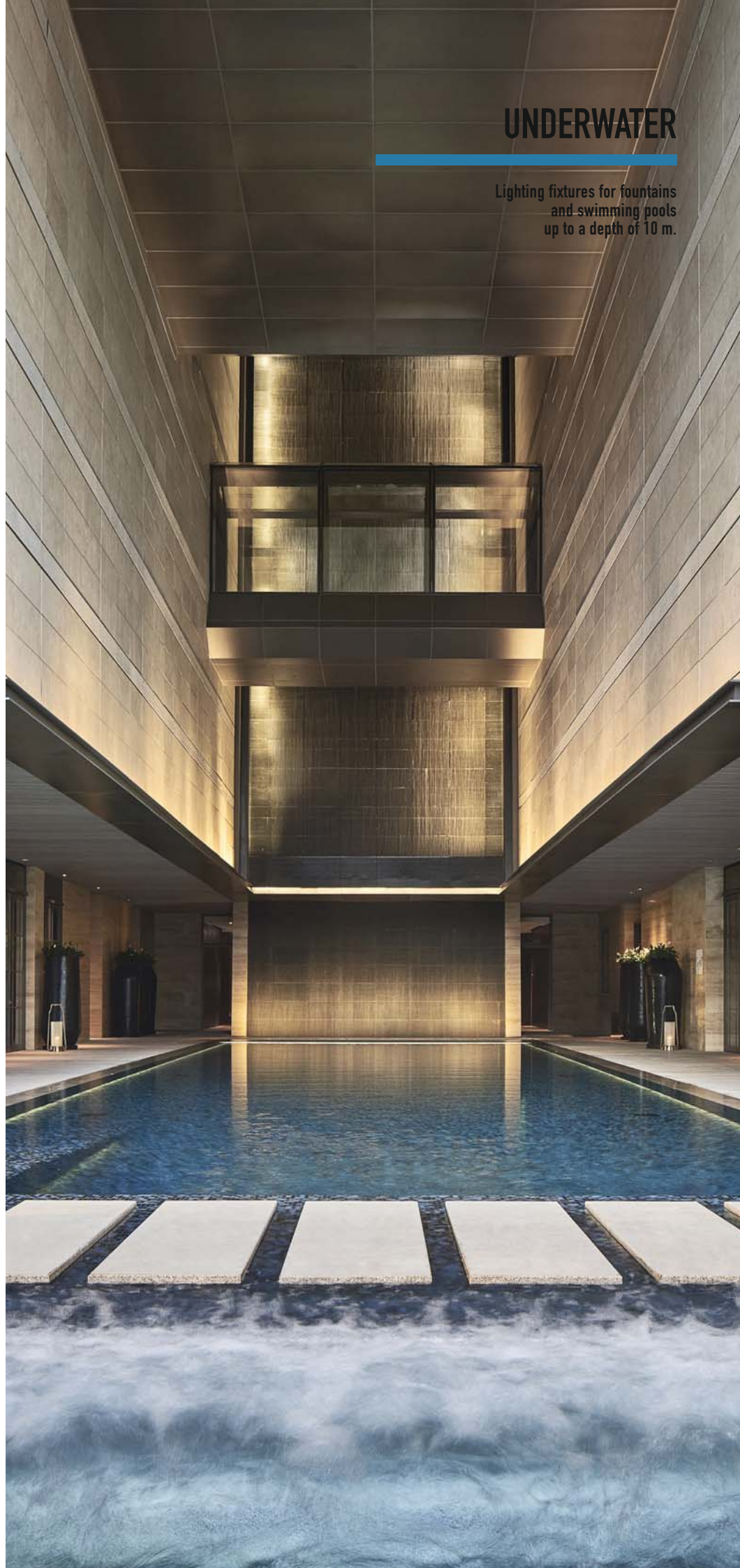
INDOOR

The compact dimensions of our fixtures mean they can be perfectly integrated into any architectural context to enhance its structural elements.



UNDERWATER

Lighting fixtures for fountains and swimming pools up to a depth of 10 m.





OUTDOOR RECESSED

SMOOTHY

24Vdc
max 700mA
minimal trim
optical range
drive-over or walk-over
2-13W



1.0 / 1.6
fixed
P. 50



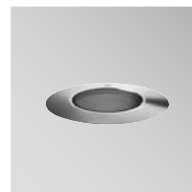
2.4
fixed - RGB
P. 51



2.8
tiltable
P. 52



5.4
fixed
P. 54



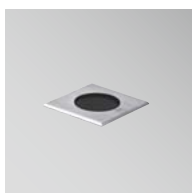
5.6
tiltable - RGB
P. 55

BRIGHT

12Vac / 12Vdc / 24Vdc
max 500mA
range of dimensions
drive-over or walk-over
optical range
0.5-20W



MINI 1.0
fixed
P. 60



MINI 1.0
fixed
P. 60



1.0 / 1.2 / 1.6 / 1.8
fixed - RGB
P. 62 / 63 / 64 / 65



1.1 / 1.7 / 1.9
fixed - RGB
P. 63 / 64 / 65



2.4 / 2.8
fixed / tiltable - RGB
P. 67 / 70



2.5 / 2.9
fixed / tiltable - RGB
P. 69 / 70



3.F / 3.6
fixed / tiltable
P. 72 / 73



3.H
fixed - RGBW
P. 73



5.F / 5.6
fixed / tiltable
P. 74 / 75



5.H
fixed - RGBW
P. 75

LITUS

24Vdc
max 700mA
concealed
optical range
drive-over
2-13W



1.0 / 1.6
fixed
P. 82 / 83



1.1 / 1.7
fixed
P. 82 / 83



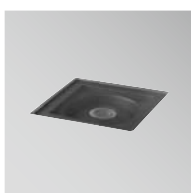
2.4
fixed - RGB
P. 84



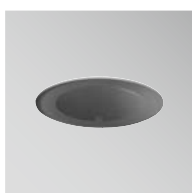
2.5
fixed - RGB
P. 85



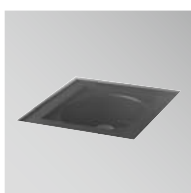
2.8
tiltable
P. 86



2.9
tiltable
P. 86



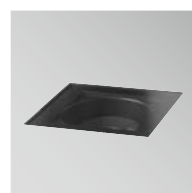
5.4
fixed
P. 87



5.5
fixed
P. 87



5.6
tiltable - RGB
P. 88



5.7
tiltable - RGB
P. 91



OUTDOOR RECESSED

CORSO

230Vac mains voltage
drive-over
3.5-21W



1.0
fixed
P. 98



2.0
fixed
P. 98



3.0
fixed
P. 99



4.0
fixed
P. 99

STRA

230Vac mains voltage
24Vdc
drive-over
25-39W



1.0
fixed
P. 106



2.0 / 4.0
adjustable
P. 106 / 107



3.0
two-way adjustability
P. 107



5.0
fixed - RGBW
P. 109

BEAM

orientation light



1.0
fixed - RGB
P.113



OUTDOOR LINEAR PROFILES

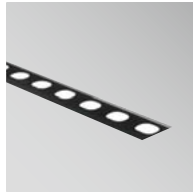
RIVER

230Vac mains voltage
48Vdc
integrated (no trim)
50 - 100 cm
optical range
drive-over



1.0 / 2.0

P. 122 / 124



1.1 / 2.1

wall washer
P. 123 / 125



1.2 / 2.2

diffuse optics
P. 123 / 125



4.0 / 5.0

RGBW - built-in DMX
P. 127

RIVER WALL

230Vac mains voltage
48Vdc
wall version
52 - 102 cm
optical range



1.0 / 2.0

P. 128 / 130



1.1 / 2.1

wall washer
P. 129 / 131



1.2 / 2.2

diffuse optics
P. 129 / 131



4.0 / 5.0

RGBW - built-in DMX
P. 133

NEVA

24Vdc
recessed or wall version
316 - 616/677 -
916/1037 - 1517/1758 mm
optical range



MINI 1 / 1.0 / 1.1 / 1.2

60 mm pitch
white

P. 140 / 141



MINI 2 / 2.0 / 2.1 / 2.2

120 mm pitch
white

P. 142 / 143



MINI 5 / 5.0 / 5.1 / 5.2

120 mm pitch
RGB

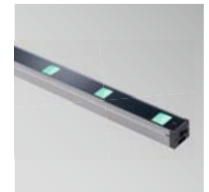
P. 148 / 149



MINI 6 / 6.0 / 6.1 / 6.2

120 mm pitch
dynamic white

P. 150 / 151



MINI 7 / 7.0 / 7.1 / 7.2

120 mm pitch
RGBW

P. 152 / 153

230Vac mains voltage
recessed or wall version
616/677 - 916/1037 -
1517/1758 mm
optical range



3.0 / 3.1 / 3.2

60 mm pitch
white

P. 144 / 145



4.0 / 4.1 / 4.2

120 mm pitch
white

P. 146 / 147

RIO

24Vdc
integrated recessed version
260 - 510 - 1010 -
1510 - 2010 mm
diffuse
drive-over
white light - RGB



1.0 / 1.1 / 1.2 / 1.3 / 1.4

L. 20 mm

P. 163 / 164 / 165



2.0 / 2.1 / 2.2 / 2.3 / 2.4

L. 37 mm

P. 167 / 168 / 169



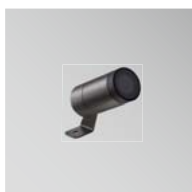
OUTDOOR PROJECTORS

GINKO

24Vdc
max 500mA
range of dimensions
optical range
range of finishes
range of optical and
installation accessories
2.5-15W



1.0
P. 181



1.4
zoom lens
P. 181



2.0
P. 182



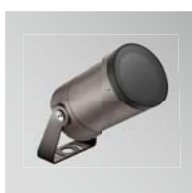
2.2
RGB
P. 183



2.4
zoom lens
P. 183



3.0
P. 185



3.4
zoom lens
P. 185

PIVOT

24Vdc
max 500mA
range of optical and
installation accessories
central bracket for
two-way adjustability
3.5-7W



1.7
P. 189



1.8
RGB
P. 190

AKRO

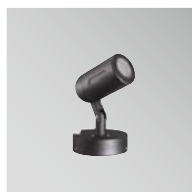
230Vac mains voltage
max 1050mA
range of optical accessories
detail lighting
37-43W



1.0
P. 198



1.1
P. 199



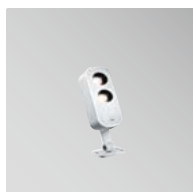
1.2
P. 199



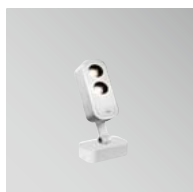
OUTDOOR PROJECTORS

SIRI

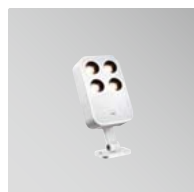
230Vac mains voltage
24Vdc
range of dimensions
optical range
9-33W



1.0 / 1.2
RGBW
P. 206 / 207



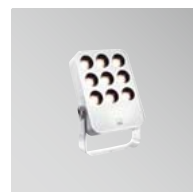
1.1 / 1.3
RGBW
P. 206 / 207



2.0 / 2.2
RGBW
P. 208 / 209



2.1 / 2.3
RGBW
P. 208 / 209



3.0 / 3.2
RGBW
P. 210 / 211



3.1 / 3.3
RGBW
P. 210 / 211

SPOT

230Vac mains voltage
24Vdc
max 500mA
range of dimensions
2-15W



1.0 / 1.6
P. 217



2.4
P. 218



3.4
P. 219

FLORI

230Vac mains voltage
24Vdc
optical range
range of optical and
installation accessories
7-13W



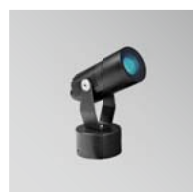
1.0
P. 224



1.1
P. 225



1.2
RGBW
P. 226



1.3
RGBW
P. 227

KLEO

230Vac mains voltage
optical range
range of optical accessories
10-20W



1.0 / 2.0
P. 232 / 233



1.1 / 2.1
P. 232 / 233



OUTDOOR PROJECTORS

STRA P

230Vac mains voltage
24Vdc
optical range
37-39W



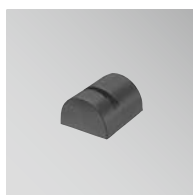
1.0
P. 237



5.0
RGBW
P. 238

LYSS

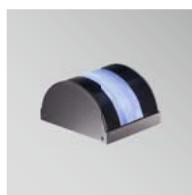
230Vac mains voltage
24Vdc
for special lighting effects
3-19W



MINI 1.0
P. 244



1.0
P. 245



2.0
RGBW
P. 245



OUTDOOR WALL MOUNTED

INTONO

230Vac mains voltage
24Vdc
range of dimensions
optical range
range of finishes
range of optical accessories
3-19W per beam



1.1 / 1.2
single / double beam

P. 256



2.1 / 2.2
single / double beam

P. 259



3.1 / 3.2 / 3.9
single / double beam
with speaker

P. 260 / 261



4.1 / 4.2 / 4.9
single / double beam
with speaker

P. 262 / 263

GEKO

230Vac mains voltage
optical range
10-16W per beam



5.0 / 6.0
single / double beam
diffuse

P. 266 / 267



5.1 / 6.1
single / double beam

P. 266 / 267

KOCCA

230Vac mains voltage
optical range
4-18W per beam



1.1 / 1.2
single / double beam

P. 272



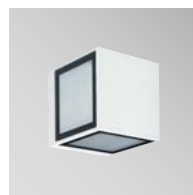
1.3 / 1.4
3/4 beams
asymmetrical

P. 273



3.1 / 3.2
single / double beam

P. 274 / 275



3.4
4 beams

P. 275

ELLA OUT

230Vac mains voltage
range of dimensions
range of finishes
123 - 208 - 294 mm
7-19W



1.0
diffuse
single beam

P. 280



2.0
diffuse
single beam

P. 281



3.0
diffuse
single beam

P. 281

UPDOWN

24Vdc - max 500mA
max 350mA
range of dimensions
6W per beam



3.0 / 3.6
RGB - constant voltage
constant current
single beam

P. 286



4.0 / 4.6
RGB - constant voltage
constant current
double beam

P. 287



6.0
constant current
double beam

P. 288



7.0
constant current
2/3/4 beams

P. 289



OUTDOOR WALL MOUNTED

BROM

max 500mA
optical range
stainless steel
2-6W per beam



1.0 / 3.0
single beam
P. 294 / 295



2.0 / 4.0
double beam
P. 294 / 295

CUBE W

max 350mA
max 500mA
3-6W



1.0 / 1.1
RGB
P. 299



OUTDOOR CEILING MOUNTED

ELLO OUT

230Vac mains voltage
range of finishes
7-19W



1.0
P. 308



2.0
P. 309



3.0
P. 309

CUBE C

max 350mA
max 500mA
optical range
minimalist solution
3-6W



1.2 / 1.3
RGB
P. 313

TAK

230Vac mains voltage
range of finishes
10-18W



1.0
P. 317



1.1
optical range
P. 317



OUTDOOR SUSPENDED

PALLADIANO

230Vac mains voltage
range of finishes
range of control systems
versatility
range of optical and
installation accessories
76-110W



1.1
P. 319



OUTDOOR STEP LIGHTS

RONDÒ

230Vac mains voltage
24Vdc
range of dimensions
optical range
range of finishes
drive-over
stainless steel
2-8W



1.1
single beam
P. 330



1.2
double beam
P. 331



2.1
single beam
P. 331



3.1
single beam
P. 332



3.2
double beam
P. 333



3.4
4 beams
P. 333

BEAM

max 350mA
max 500mA
24Vdc
range of finishes
stainless steel
2W per beam



2.0 / 2.6
round
single / double beam
P. 338 / 339



2.1 / 2.7
square
single / double beam
P. 338 / 339

BRIGHT

max 700mA - 24Vdc
range of dimensions
optical range
stainless steel
drive-over
2-4W



1.A / 1.B
P. 344



4.7
P. 347



9.7
P. 347



OUTDOOR STEP LIGHTS

PASITO

230Vac mains voltage
24Vdc
range of dimensions
optical range
range of finishes
5-10W



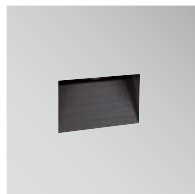
MINI 1.0
flush recessed
P. 354



MINI 1.1
recessed with frame
P. 355



MINI 1.2
surface mounted
P. 355



1.0
flush recessed
P. 356



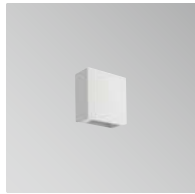
1.1
recessed with frame
P. 357



1.2
surface mounted
P. 357

STEP OUTSIDE

max 500mA - 24Vdc
range of dimensions
range of finishes
2-3.5W



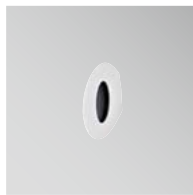
2.0 / 2.6
semi-recessed
P. 362 / 363



2.1 / 2.7
semi-recessed
P. 362 / 363



5.1
recessed
P. 365



5.2
recessed
P. 365



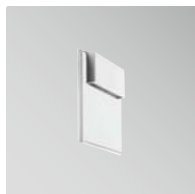
6.1
recessed
P. 366



6.2
recessed
P. 367



6.3
recessed
P. 367



7.0
surface mounted
P. 369



8.0
surface mounted
P. 369



OUTDOOR STEP LIGHTS

LIRA

230Vac mains voltage
range of finishes
6-12W



1.0
P. 375



2.0
P. 375

GOCCIA

max 350mA - 24Vdc
orientation light



2.0 / 2.6
RGB
P. 380 / 381



2.1 / 2.7
RGB
P. 380 / 381

ICE LED

max 350mA
range of dimensions
flowerbeds and gardens



1.0
P. 385



1.1
P. 385



BOLLARDS

PLIN

230Vac mains voltage
range of dimensions
optical range
range of finishes
8-24W



1.0
single beam

P. 394



1.1
single beam

P. 395



1.2
single beam

P. 395



2.0
single beam
asymmetrical diffuse

P. 396



2.1
single beam
asymmetrical diffuse

P. 397



2.2
single beam
asymmetrical diffuse

P. 397



3.0
double beam
asymmetrical diffuse

P. 398



3.1
double beam
asymmetrical diffuse

P. 399



3.2
double beam
asymmetrical diffuse

P. 399



4.0
single beam

P. 400



4.1
single beam

P. 401



4.2
single beam

P. 401



5.0
single beam

P. 402



5.1
single beam

P. 403



5.2
single beam

P. 403

LINEAR

230Vac mains voltage
range of finishes
range of installation
accessories
4-32W



2.1 / 2.2 / 2.3 / 2.4
1/2/3/4 beams

P. 408 / 409



4.1 / 4.2 / 4.4
1/2/4 beams

P. 410 / 411

BITTA

230Vac mains voltage
range of finishes
10-20W



1.0 / 1.1
single / double beam

P. 417



URBAN LIGHTING

PALLADIANO

230Vac mains voltage
range of finishes
range of control systems
versatility
range of optical and
installation accessories
38-55W



1.0
P. 425

SIRI BLVD

230Vac mains voltage
range of dimensions
optical range
range of control systems
38W



1.0
P. 430



2.0
P. 431



3.0
P. 431



INDOOR RECESSED

COMBINA D

max 300mA – max 800mA
 modular
 range of styles and dimensions
 range of optical and installation accessories
 range of CRI
 6-29W



1.0 / 1.1
 round/square
 fixed/tiltable
 P. 444



2.0 / 2.1
 round/square
 fixed/tiltable
 P. 445



3.0 / 3.1
 round/square
 fixed/tiltable
 P. 446



4.0 / 4.1
 round/square
 fixed/tiltable
 P. 447

TURIS

230Vac mains voltage
 24Vdc
 range of dimensions
 range of control systems
 range of installation accessories
 diffuse
 4.5-30W



MINI 1.0
 P. 456



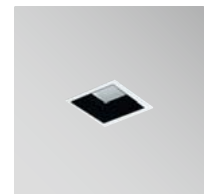
MINI 1.1
 P. 456



1.0
 P. 458



1.1
 P. 458



1.2
 visual comfort
 P. 459



1.3
 visual comfort
 P. 459



2.0 / 4.0
 recessed flush with ceiling
 P. 461 / 464



3.0
 P. 462



3.1
 P. 462



3.2
 visual comfort
 P. 463



3.3
 visual comfort
 P. 463



5.0
 P. 465



5.1
 P. 465



6.0 / 8.0
 recessed flush with ceiling
 P. 466 / 469



7.0
 P. 467



7.1
 P. 467



INDOOR RECESSED

BITPOP

230Vac mains voltage
24Vdc
great visual comfort
range of dimensions
range of control systems
range of installation
accessories
6.5-50W



1.0
P. 474



2.1
P. 475



2.2
P. 475



4.1
P. 476



8.1
P. 477

CIAK

24Vdc
max 500mA
compact height
self-dissipating
range of dimensions
optical range
adjustability
1.5-5W



1.0 / 1.6 / 2.6
anti-glare snoot
P. 484 / 485 / 487



1.1 / 1.7 / 2.7
P. 484 / 485 / 487

CAMEO

24Vdc
max 500mA
range of functions
and dimensions
optical range
1.5-5W



1.0 / 1.6 / 2.6
fixed optics and
fixed focus
P. 492 / 494 / 496



1.1 / 1.7 / 2.7
tiltable optics and
fixed focus
P. 493 / 495 / 497



1.2 / 1.8 / 2.8
tiltable
zoom lens
P. 493 / 495 / 497

ESEM

230Vac mains voltage
24Vdc
max 350mA - max 500mA
range of dimensions
optical range
2-14W



MINI 1.0 / MINI 1.6
fixed
P. 502 / 503



MINI 1.1 / MINI 1.7
tiltable
P. 502 / 503



MID 1.0 / MID 1.6
fixed
P. 504 / 505



MID 1.1 / MID 1.7
tiltable
P. 504 / 505



2.0 / 2.6
fixed
P. 507



3.0
fixed
P. 508



3.1
tiltable
P. 509



3.2
tiltable
P. 509



INDOOR RECESSED

ESEM

230Vac mains voltage
24Vdc
max 350mA - max 500mA
range of dimensions
optical range
2-14W



4.0
fixed
P. 510



4.1
tiltable
P. 511



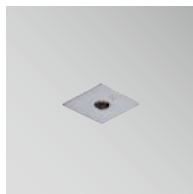
4.2
tiltable
P. 511

EYES

24Vdc
max 350mA - max 500mA
range of functions
and dimensions
range of finishes
1-2W



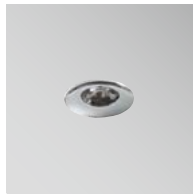
1.0 / 1.6
P. 516 / 517



1.2 / 1.8
P. 516 / 517



2.0
P. 518



2.1 / 2.7
P. 518 / 521



2.2
P. 519



2.3 / 2.9
P. 519 / 521

QUAD

230Vac mains voltage
max 500mA
adjustability
range of dimensions
optical range
6-40W



6.1
recessed flush with ceiling
RGB
P. 526



6.2
recessed flush with ceiling
RGB
P. 527



6.3
recessed flush with ceiling
RGB
P. 527



MAXI 1.1
rebated
P. 528



MAXI 1.2
rebated
P. 529



MAXI 1.3
rebated
P. 529



MAXI 2.1
recessed flush with ceiling
P. 530



MAXI 2.2
recessed flush with ceiling
P. 531



MAXI 2.3
recessed flush with ceiling
P. 531



MAXI 3.1
rebated
P. 532



INDOOR RECESSED

QUAD



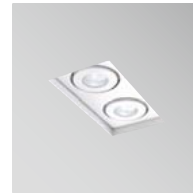
MAXI 3.2
rebated
P. 533



MAXI 3.3
rebated
P. 533



MAXI 4.1
recessed flush with ceiling
P. 534



MAXI 4.2
recessed flush with ceiling
P. 535



MAXI 4.3
recessed flush with ceiling
P. 535

ECHO LED

230Vac mains voltage
range of dimensions
diffuse
18-36W



1.0 / 2.0 / 3.0 / 4.0
P. 540 / 541

LED OPTICAL FIBRES

special
white light - RGB
3W



P. 543



INDOOR PROJECTORS

DUOMO

230Vac mains voltage
high level of adjustability
optical range
range of dimensions
range of installation
accessories
range of finishes
10-56W



1.0
P. 554



2.0
P. 554



3.0
P. 555



4.0
P. 555

KRILL

max 350mA - max 700mA
modular
optical range
range of dimensions
range of optical and
installation accessories
range of finishes
1-4,5W



1.0
P. 564



1.4
zoom lens
P. 564



2.0
P. 565



2.4
zoom lens
P. 565



3.0
P. 566



3.4
zoom lens
P. 566

GEM

max 500mA
range of finishes
2W



1.0
P. 571

CITY

max 350mA
3W



1.0
P. 575



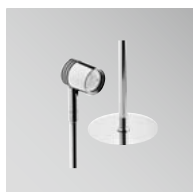
INDOOR PROJECTORS

WALL

max 500mA
range of dimensions
2W



7.0
P. 577



7.1
P. 577

ZAB TRACK

230Vac mains voltage
range of dimensions
range of CRI
range of optical accessories
23-36W



1.0 / 1.1
P. 584



2.0 / 2.1
zoom lens
P. 585



3.0 / 3.1
P. 586



4.0 / 4.1
zoom lens
P. 587

SIRI TRACK

230Vac mains voltage
range of optical accessories
16W



2.0
P. 591



INDOOR WALL MOUNTED

ELLA IN

230Vac mains voltage
linear
range of dimensions
range of finishes
123 - 208 - 294 mm
diffuse
7-19W



1.0
single beam
P. 596



2.0
single beam
P. 597



3.0
single beam
P. 597

VERSA

230Vac mains voltage
minimalist
diffuse
9W per beam



1.0
single beam
P. 601



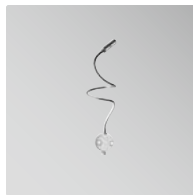
2.0
double beam
P. 601



READING LAMPS

WALL

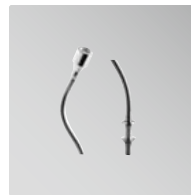
230Vac mains voltage
max 500mA
range of styles
and functions
2-3.5W



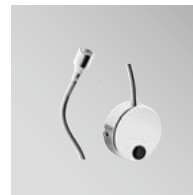
1
adjustable beam
P. 604



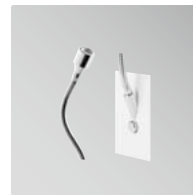
3
adjustable beam
P. 605



8.0
P. 606



8.1
push button
P. 607



8.2
push button
P. 607



INDOOR CEILING MOUNTED

BITPOP C

230Vac mains voltage
24Vdc
great visual comfort
range of dimensions
range of control systems
6.5-18W



1.0
P. 614



2.2
P. 615



4.1
P. 615

TEKO

230Vac mains voltage
minimalist
range of styles
and dimensions
diffuse
5-17W



5.0 / 7.0
P. 618 / 619



5.1 / 7.1
P. 618 / 619

ELLO IN

230Vac mains voltage
linear
range of dimensions
range of finishes
123 - 208 - 294 mm
diffuse
7-19W



1.0
P. 622



2.0
P. 623



3.0
P. 623



INDOOR SUSPENDED

KORA

230Vac mains voltage
range of dimensions
optical range
range of finishes
3.5-21W



1.0
P. 628



2.0
P. 629



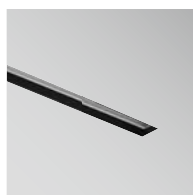
3.0
P. 629



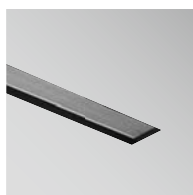
INDOOR LINEAR PROFILES

BRENTA

230Vac mains voltage
modular
range of styles
and dimensions
range of optical and
installation accessories
19-54W/m



1
P. 638



2
P. 640

SNACK

24Vdc
range of dimensions
optical range
5-40W



1.0 / 1.1 / 1.2 / 1.3
P. 648 / 649



2.0 / 2.1 / 2.2 / 2.3
P. 650 / 651



3.0 / 3.1 / 3.2 / 3.3
RGB
P. 652 / 653



INDOOR STEP LIGHTS

LINE

max 500mA
range of dimensions
2W



1.0 / 1.1
P. 658



2.0 / 2.1
P. 659

STEP INSIDE

max 500mA
24Vdc
range of dimensions
range of finishes
2W



2.2 / 2.8
semi-recessed
P. 664 / 665



2.3 / 2.9
semi-recessed
P. 664 / 665

SIMPLY

max 220mA
orientation light
compact height
1W



1.0
P. 669



UNDERWATER RECESSED

MOBY

24Vdc
scenic effects
great flexibility of installation
range of functions
and dimensions
range of optical and
installation accessories
RGBW and shades of cyan
9-30W



1.0 / 2.0 / 3.0
stainless steel - can be
used in vinyl-lined pools
P. 676 / 677 / 679



1.1 / 2.1 / 3.1
glass cover
P. 676 / 677 / 679

BRIGHT 316L

12Vdc - 24Vdc
max 500mA
range of dimensions
optical range
stainless steel
range of installation
accessories
1.2-18W

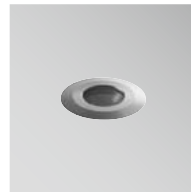


1.0 316L / 1.6 316L / 1.8 316L
RGB

P. 684 / 685



2.0 316L / 2.6 316L
RGB
can be used in
vinyl-lined pools
P. 686



3.0 316L
RGB

P. 688



5.0 316L
RGB
can be used in
vinyl-lined pools
P. 689



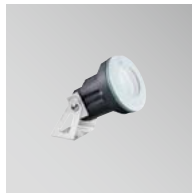
UNDERWATER PROJECTORS

MOBY P

24Vdc
scenic effects
great flexibility of installation
range of functions
and dimensions
range of optical accessories
RGBW and shades of cyan
9-30W



1.0
stainless steel
P. 696



1.1
glass cover
P. 696



2.0
stainless steel
P. 697



2.1
glass cover
P. 697



3.0
stainless steel
P. 698



3.1
glass cover
P. 698



UNDERWATER PROJECTORS

SPOT 316L

24Vdc
max 500mA
range of dimensions
optical range
stainless steel
2-18W



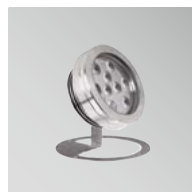
1.0 316L / 1.6 316L

P. 702



2.0 316L / 2.6 316L

RGB
P. 703



3.0 316L

RGB
P. 704



UNDERWATER LINEAR PROFILES

TREVI

24Vdc
surface-mounted version
613 - 1208 - 1803 mm
white light - RGB
7-37W



1.0 / 1.1 / 1.2

P. 712 / 713

RIO SUB

24Vdc
integrated recessed version
510 - 1010 mm
diffuse
white light - RGB
6-19W



1.1 / 1.2

P. 718



2.1 / 2.2

P. 719



PHOTOMETRIC DATA

PHOTOMETRIC DATA
P. 723



POWER SUPPLY UNITS AND CONTROL GEAR

POWER SUPPLY
UNITS AND
CONTROL GEAR
P. 843

ON/OFF
CONSTANT-CURRENT
PSU
P. 844

ON/OFF
CONSTANT-VOLTAGE
PSU
P. 846

DIMMABLE
POWER SUPPLY
UNITS
P. 848

CONTROL
SYSTEMS
P. 854

EMERGENCY
KIT
P. 861



ACCESSORIES



SPARE PARTS
P. 866



CABLES
P. 868



WIRING MATERIALS
P. 869



TRACK ACCESSORIES
P. 870

COMPETITIVE ADVANTAGES

READY TO GIVE YOU OUR ALL

8-DAY MANUFACTURING LEAD TIME

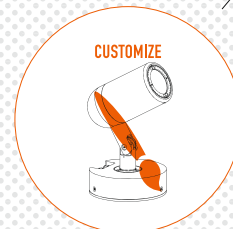
We will send you an order confirmation in 24 hours, and your order will be ready to ship in 8 working days.



TECHNICAL SUPPORT

Our customers have access to a complete support and advisory service:

- lighting advice and technical support
- training, with technical meetings aimed at illustrating the features and usage of LED devices.

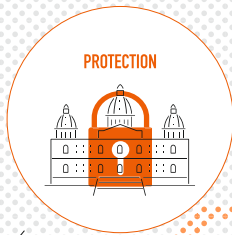


CUSTOMIZED PRODUCTS

All the features of our lighting fixtures – aesthetic, electronic, optical and LED – can be customized.

PROJECT PROTECTION

Because we maintain a database in which we record your specifications, we have an overview with which we can help you protect your concept.



WARRANTY EXTENSION TO 5 YEARS

We offer all buyers who purchase our products a warranty of 24 months against manufacturing or design defects as provided for under L&L's General Terms and Conditions. Given the high quality of our products, however, we are happy to extend the term of the warranty to 5 years from the date of invoice.



LIGHTING UP THE WORLD

Our sales network operates in all five continents

PASITO 1.0



German Design Award 2018 - Special Mention



AKRO



German Design Award 2018 - Winner



Red Dot Award 2017 - Winner



reddot award 2017
winner lighting design

IF Design Award 2017 - Winner



Good Design Award 2017 - Winner

**GOOD DESIGN
AWARD 2017**

PLIN 2



German Design Award 2019 - Special Mention



SIRI TRACK



German Design Award 2018 - Winner



IF Design Award 2017 - Winnerselection



MOBY 2.1



German Design Award 2019 - Winner



PALLADIANO 1.0



German Design Award 2019 - Winner



Lux Awards 2018 - Exterior Luminaire of the Year



Iconic Awards 2018 - Innovative Architecture selection



PROUD OF OUR SUCCESSES

INNOVATIONS AND AWARDS

CIAK



German Design Award 2019 - Special Mention



Iconic Awards 2019 - Innovative Interior selection



CAMEO



Iconic Awards 2020 - Innovative Interior Winner



INTONO



German Design Award 2021 - Winner



Red Dot Award 2020 - Winner



reddot winner 2020
lighting design

LIT Lighting Design Awards 2019 - Winner



IDA International Design Awards 2019 - Gold - Winner



GINKO



German Design Award 2020 - Winner



IF Design Award 2019 - Winner



Muuuz International Awards 2019 - Winner





PROTECTION SYSTEMS

R&D TEAM: MORE CUTTING-EDGE BY THE DAY



INTELLIGENT PROTECTION SYSTEM

The IPS protects lighting fixtures from water infiltrations, which can occur if there are faulty junctions between the cables in outdoor or underwater applications. This innovation, patented by L&L, also guarantees electrical protection against polarity reversal, hot plugging, ESD and power surges, which can occur if there are faults in the electrical circuit.



SURGE PROTECTION DEVICE

The SPD protects lighting fixtures from electrical phenomena external to the system, such as power surges. In particular, this device is specifically for protection against serious events with a high energy content.



PROTECTIVE IMPEDANCE DEVICE

The PID protects lighting fixtures from electrical phenomena external to the system, such as static electricity accumulation or electromagnetic interference coming from the mains power. Generally, these are events with a low energy content.

NTC

TEMPERATURE CONTROL BUILT IN

This is an NTC thermistor mounted on the LED board to protect the lighting fixture against overheating. Should the product function at an operating temperature greater than the maximum temperature at which it can operate correctly, the protection is activated and gradually reduces the power.



ELECTRICAL PROTECTION SYSTEM

This symbol identifies a lighting fixture with EPS, which protects fixtures for indoor applications against electrical problems. This innovation, patented by L&L, guarantees electrical protection against polarity reversal, hot plugging and voltage spikes of up to 48Vdc, which can occur if there are faults in the electrical circuit.

IP69K

The protection rating IP69K indicates an electrical device's resistance to cleaning with high-pressure, high-temperature spray-downs. When the fixtures are installed in urban or industrial applications where heavy cleaning is carried out using high-pressure washers, functioning, resistance, service life and appearance are guaranteed even under these conditions. (compliant with ISO 20653)



RELIABILITY

RESISTANCE AND MATERIAL PROTECTION



6-STEP MATERIAL PROTECTION, AND OXIDATION AND CORROSION RESISTANCE

1. AISI 316L STAINLESS STEEL
OR LOW-COPPER-CONTENT
ANTICORODAL ALUMINIUM

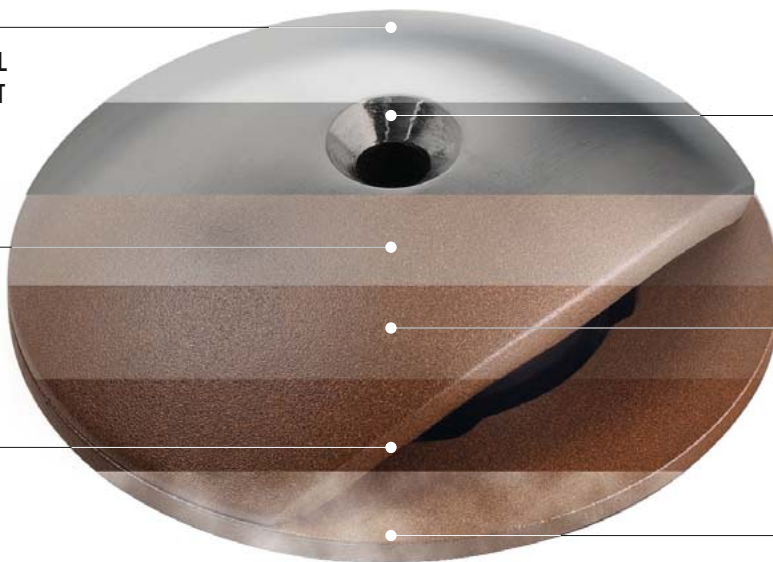
2. PREPARATION FOR
PAINTING WITH
ALODINE NT-E® COATING

3. PAINTS COMPLIANT WITH
QUALICOAT AUTOMOTIVE
COATING STANDARD

4. EPOXY PAINT

5. POLYESTER PAINT

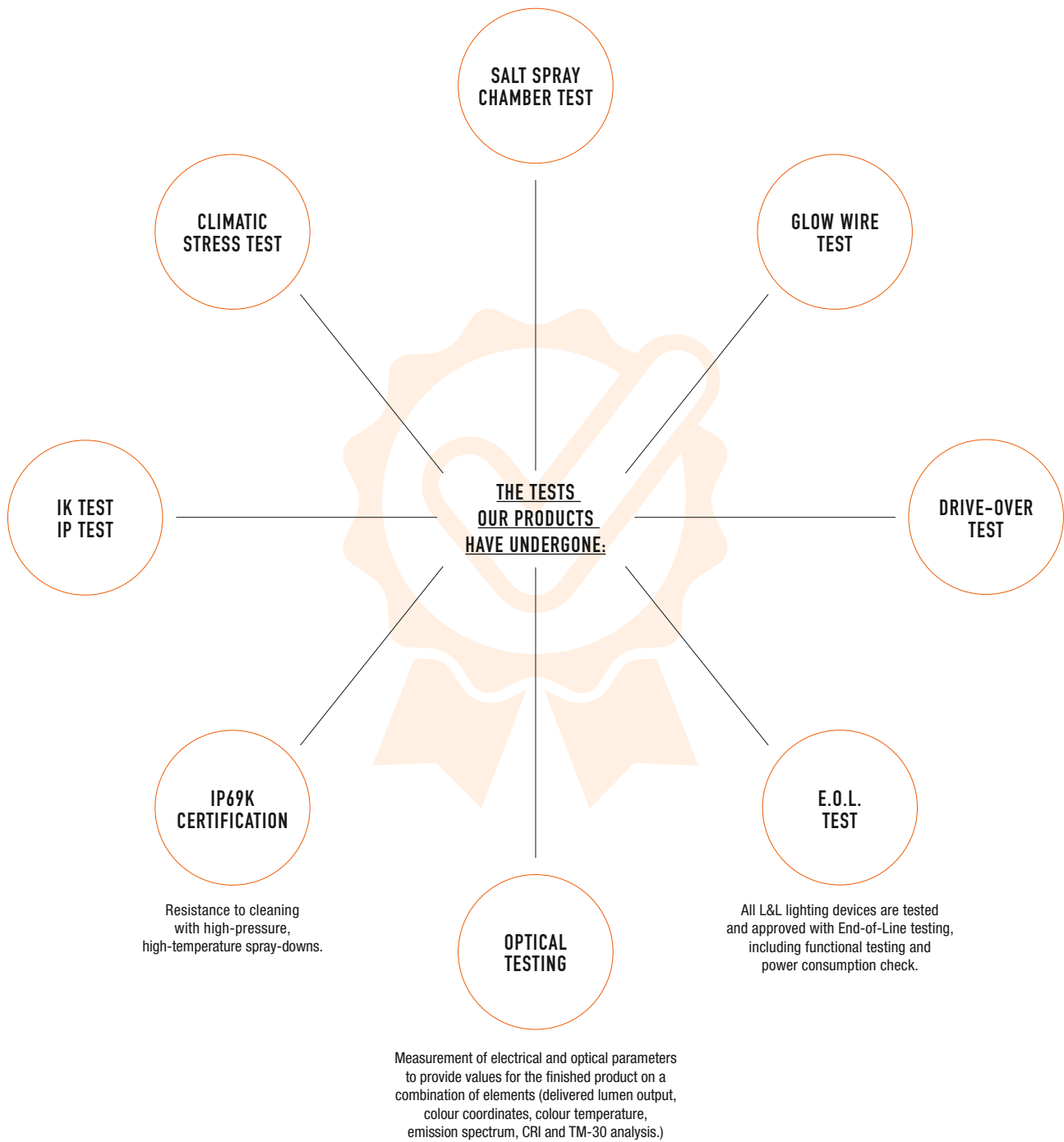
6. SALT SPRAY TESTING



The materials and technical processes used in the construction of our fixtures protect both functionality and aesthetics, even in severe conditions of continuous exposure to atmospheric and environmental agents.

RELIABILITY

WE TEST THE QUALITY OF OUR FIXTURES



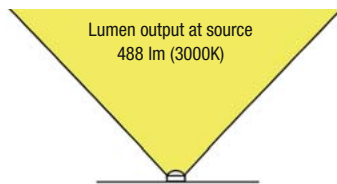
LUMEN OUTPUT

LUMEN OUTPUT AT SOURCE AND DELIVERED LUMEN OUTPUT

THE LUMEN OUTPUT FOR EACH DEVICE IS GIVEN ON THE PRODUCT PAGE BELOW THE CODE AND IS EXPRESSED USING TWO VALUES:

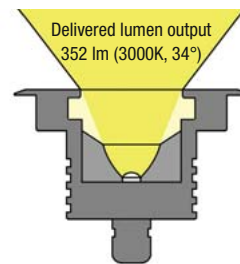
LUMEN OUTPUT AT SOURCE

LED lumen output
with the LED colour temperature in brackets.



DELIVERED LUMEN OUTPUT

The actual lumens delivered by the device
with, in brackets, the LED colour temperature
and the optics mounted.



The lumen output at source refers to the junction temperature (Tj) 85°C.
The delivered lumen output is measured at the device's operating temperature.
The value for the delivered lumen output refers to the optics indicated in brackets.
In those cases where other optics noticeably affect the lumen output, multiple values are given.
Together with the lumen output, other specifications, such as the power consumption and supply, and the CRI, are provided to further clarify the value given.



Both the at-source and the delivered lumen outputs of devices with RGB, RGBW and dynamic white LED colours are expressed with both the total value and the value for each colour.





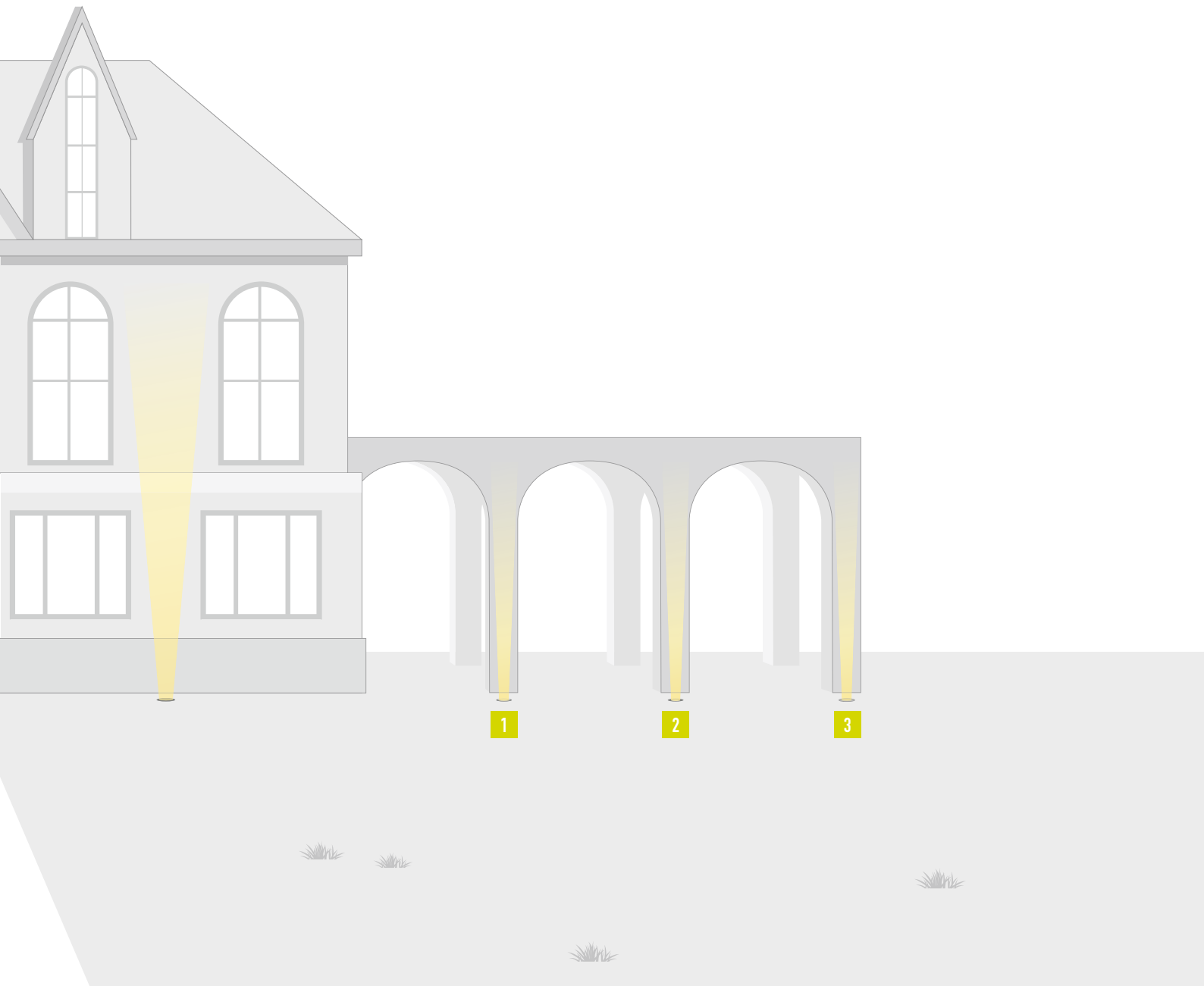
1 SMOOTHY p. 48

2 BRIGHT p. 58

3 LITUS p. 80

RECESSED

FOR OUTDOOR APPLICATIONS



4 CORSO p. 94

5 STRA p. 102

6 BEAM p. 112



SMOOTHY

see p. 48

BRIGHT

see p. 58

APPLICATION		architectural lighting	architectural lighting, orientation lighting
MOUNTING	CEILING / WALL	•	•
	GROUND		
BEAM	DIFFUSE VERSION FIXED OPTICS		
	OPTICS VERSION FIXED / TILTABLE OPTICS		
LIGHT COLOUR		 2700K 3000K 4000K RGB	 2700K 3000K 4000K 5000K blue green red RGB RGBW
POWER		2–13W	0.5–20W
DELIVERED LUMEN OUTPUT (3000K)		188–1065 lm	20–1235 lm
SHAPE			
POWER SUPPLY	CONSTANT CURRENT power supply unit not included	max 700mA (white/RGB light)	max 500mA (white/ blue/green/red/RGB light)
	CONSTANT VOLTAGE power supply unit not included	24Vdc (white light)	12Vac (white light) 12Vdc (white/RGB light) 24Vdc (white/blue/RGBW light)
	MAINS VOLTAGE built-in power supply unit		
IP		IP67	IP67 / IP68
APPLIANCE CLASS			
UNIQUE SELLING POINTS			IP69K



LITUS

see p. 80



CORSO

see p. 94



STRA

see p. 102



BEAM

see p. 112

architectural lighting

monuments and drive-over areas

architectural lighting, large buildings

walkways



2700K 3000K 4000K RGB

3000K 4000K

2700K 3000K 4000K RGBW

2700K 3000K 4000K 5000K
blue RGB

2-13W

3.5-21W

25-39W

max 3W

188-1065 lm

178-1740 lm

1350-2205 lm

114 lm



max 700mA (white/RGB light)

max 350mA (RGB light)
max 700mA (white/blue light)

24Vdc (white light)

24Vdc (RGBW light)

210-230Vac
230Vac

230Vac (white light)

IP67

IP65 / IP67

IP67 / IP68

IP67



IP69K



SMOOTHY

OUTDOOR RECESSED UPLIGHTS
ARCHITECTURAL LIGHTING

2700K 3000K 4000K

Ø54 mm



narrow medium wide diffuse

UP TO 2 m



FIXED OPTICS

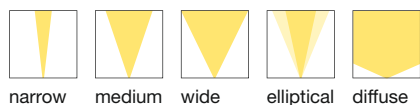


SMOOTHY 1.0 p. 50
constant current
max 2W max 700mA

SMOOTHY 1.6 p. 50
constant voltage
2.5W/3.5W 24Vdc

TILTABLE OPTICS

Ø84 mm



narrow medium wide elliptical diffuse

UP TO 4 m



SMOOTHY 2.4 p. 51
white light: constant voltage
3.5W/5W/7W 24Vdc
RGB light: constant current
max 7W max 700mA



SMOOTHY 2.8 p. 52
constant voltage
2.5W/3.5W 24Vdc



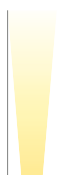
RGB

Ø109 mm



narrow medium wide elliptical diffuse

UP TO 7 m



SMOOTHY 5.4 p. 54
constant voltage
10W/13W 24Vdc



SMOOTHY 5.6 p. 55
white light: constant voltage
3.5W/5W/7W 24Vdc
RGB light: constant current
max 7W max 700mA

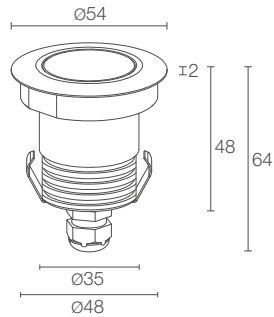


RGB

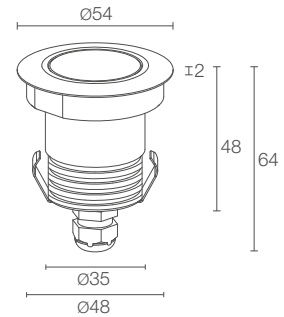
SMOOTHY 1



SMOOTHY 1.0



SMOOTHY 1.6



POWER / POWER SUPPLY CODE max 2W max 700mA
SY1012

CRI	0 - CRI 80 1 - CRI >90
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	S - 13° M - 22° F - 30° P - 35° sharp L - 48° D - diffuse

LUMEN OUTPUT AT SOURCE 224 lm (3000K, 700mA, CRI 80)

DELIVERED LUMEN OUTPUT 188 lm (3000K, 700mA, 22°, CRI 80)

NO. AND TYPE OF LED 1 power LED
1/4 ANSI BIN, 50000h L90 B10 (Ta 25°C)

MATERIAL body in black-anodized anticorodal aluminium
trim in AISI 316L stainless steel
screen in tempered, transparent extra-clear glass (optics version)
screen in acid-etched, tempered extra-clear glass (diffuse version)

POWER SUPPLY UNIT not included, see p. 57 and 844

POWER CABLES includes 1.5 m neoprene cable
H05RN-F 2x0.75/0.75 Ø6.3 mm

WIRING series

MOUNTING recessed (ceiling, wall, ground)

ACCESSORIES see p. 56

PHOTOMETRIC DATA see p. 813

2.5W 24Vdc
SY1600

3.5W 24Vdc
SY1601

CRI	0 - CRI 80 1 - CRI >90
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	S - 13° M - 22° F - 30° P - 35° sharp L - 48° D - diffuse

LUMEN OUTPUT AT SOURCE 224 lm (3000K, 3.5W, CRI 80)

DELIVERED LUMEN OUTPUT 188 lm (3000K, 22°, 3.5W, CRI 80)

NO. AND TYPE OF LED 1 power LED
1/4 ANSI BIN, 50000h L90 B10 (Ta 25°C)

MATERIAL body in black-anodized anticorodal aluminium
trim in AISI 316L stainless steel
screen in tempered, transparent extra-clear glass (optics version)
screen in acid-etched, tempered extra-clear glass (diffuse version)

POWER SUPPLY UNIT not included, see p. 57

POWER CABLES includes 1.5 m neoprene cable
H05RN-F 2x0.75/0.75 Ø6.3 mm

WIRING parallel

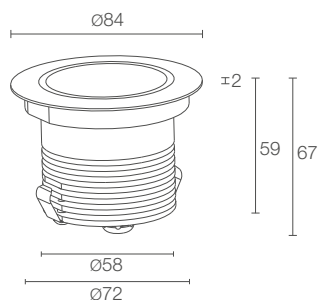
MOUNTING recessed (ceiling, wall, ground)

ACCESSORIES see p. 56

PHOTOMETRIC DATA see p. 813

SMOOTHY 2

SMOOTHY 2.4

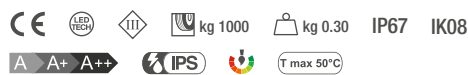
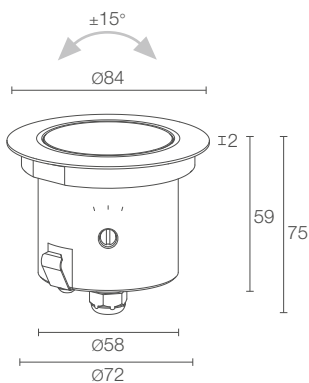


POWER SUPPLY CODE	24Vdc white light SY240 ■ ■ ■ ■ ■	
	max 7W max 700mA RGB light SY2432 6 ■ ■ ■ ■ ■	
POWER	0 - 3.5W only 5° optics (4000K only CRI 80) 1 - 5W 2 - 7W	
CRI	0 - CRI 80 1 - CRI >90	
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K	
OPTICS	U - 5° only 3.5W (4000K only CRI 80) V - 8° T - 11° S - 17° P - 21° sharp M - 34° L - 45° Q - 61° sharp W - 13°x52° D - diffuse	RGB: S - 20° M - 34° L - 45° W - 21°x42°
LUMEN OUTPUT AT SOURCE	488 lm (3000K, 5W, CRI 80) 657 lm (3000K, 7W, CRI 80) RGB: 311 lm, R: 108 lm G: 133 lm B: 70 lm (700mA)	
DELIVERED LUMEN OUTPUT	352 lm (3000K, 34°, 5W, CRI 80) 463 lm (3000K, 34°, 7W, CRI 80) RGB: 253 lm, R: 98 lm G: 114 lm B: 41 lm (700mA, 34°)	
NO. AND TYPE OF LED	1 high intensity power LED, 3-step MacAdam RGB: 3 power LEDs 50000h L90 B10 (Ta 25°C)	
MATERIAL	body in black-anodized anticorrosion aluminium trim in AISI 316L stainless steel screen in tempered, transparent extra-clear glass (optics version) screen in acid-etched, tempered extra-clear glass (diffuse version)	
POWER SUPPLY UNIT	not included, see p. 57	
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm RGB: includes 1.5 m FEP+RUB cable (equivalent to H05RN-F) 6x0.50/0.50 Ø6.3 mm	
WIRING	parallel RGB: series	
MOUNTING	recessed (ceiling, wall, ground)	
ACCESSORIES	see p. 56	
PHOTOMETRIC DATA	see p. 814	

SMOOTHY 2



SMOOTHY 2.8



POWER / POWER SUPPLY CODE	2.5W 24Vdc SY2800 [yellow] [orange] [grey] [I - blue]
	3.5W 24Vdc SY2801 [yellow] [orange] [grey] [I - blue]
CRI	0 - CRI 80 1 - CRI >90
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	S - 13° tiltable ±15° M - 22° tiltable ±15° F - 30° tiltable ±15° P - 35° sharp tiltable ±15° L - 48° tiltable ±15°
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm 1 - 5 m 2 - 10 m 3 - 15 m 4 - 20 m
LUMEN OUTPUT AT SOURCE	224 lm (3000K, 3.5W, CRI 80)
DELIVERED LUMEN OUTPUT	188 lm (3000K, 22°, 3.5W, CRI 80)
NO. AND TYPE OF LED	1 power LED 1/4 ANSI BIN, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in black-anodized anticorodal aluminium trim in AISI 316L stainless steel screen in tempered, transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 57
MOUNTING	recessed (ceiling, wall, ground)
ACCESSORIES	see p. 56
NOTES	version with honeycomb louvre available on request
PHOTOMETRIC DATA	see p. 813

SMOOTHY 2.4 >
3000K, 7W, 45°

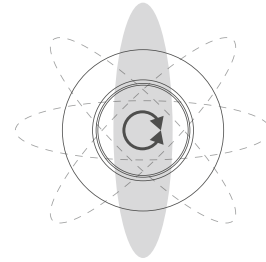
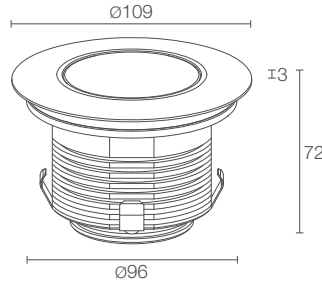




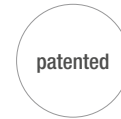
SMOOTHY 5

^
SMOOTHY 5.4
with anti-glare screen

SMOOTHY 5.4



Adjustable
16°x69° optics



elliptical optics,
adjusted manually
with magnet

Ø 220 mm
H 150 mm

Ø 100 mm

CE LED TECH III kg 0.89 IP67 IK08
A A+ A++ IPS max 50°C

POWER / POWER SUPPLY CODE	10W 24Vdc SY5400 13W 24Vdc SY5401
CRI	0 - CRI 80 1 - CRI >90
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	S - 16° M - 21° L - 38° P - 58° sharp K - 55° W - 16°x69° adjustable D - diffuse 8° (only 10W) on request
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm 1 - 5 m 2 - 10 m 3 - 15 m 4 - 20 m
LUMEN OUTPUT AT SOURCE	1115 lm (3000K, 10W, CRI 80) 1485 lm (3000K, 13W, CRI 80)
DELIVERED LUMEN OUTPUT	800 lm (3000K, 38°, 10W, CRI 80) 1065 lm (3000K, 38°, 13W, CRI 80)
NO. AND TYPE OF LED	1 high power density COB LED 2-step MacAdam, 50000h L95 B10 (Ta 25°C)
MATERIAL	body in black-anodized anticorrosion aluminium trim in AISI 316L stainless steel screen in tempered, transparent extra-clear glass (optics version) screen in acid-etched, tempered extra-clear glass (diffuse version)
POWER SUPPLY UNIT	not included, see p. 57
MOUNTING	recessed (ceiling, wall, ground)
ACCESSORIES	see p. 56
FEATURES	16°x69° optics adjustable through 360° using the magnet provided
PHOTOMETRIC DATA	see p. 815

SMOOTHY 5.6



Ø 220 mm
H 160 mm

Ø 100 mm



kg 0.95 IP67 IK08



T max 50°C

POWER SUPPLY CODE	24Vdc white light SY560 ■ ■ ■ ■ ■ I max 7W max 700mA RGB light SY5632 6 ■ ■ I
POWER	0 - 3.5W only 5° optics (4000K only CRI 80) 1 - 5W 2 - 7W
CRI	0 - CRI 80 1 - CRI >90
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	U - 5° tilttable ±15° only 3.5W (4000K only CRI 80) V - 8° tilttable ±15° T - 11° tilttable ±15° S - 17° tilttable ±15° P - 21° sharp tilttable ±15° M - 34° tilttable ±15° L - 45° tilttable ±15° Q - 61° sharp tilttable ±15° W - 13°x52° tilttable ±15° RGB: S - 20° tilttable ±15° M - 34° tilttable ±15° L - 45° tilttable ±15° W - 21°x42° tilttable ±15°
LUMEN OUTPUT AT SOURCE	488 lm (3000K, 5W, CRI 80) 657 lm (3000K, 7W, CRI 80) RGB: 311 lm, R: 108 lm G: 133 lm B: 70 lm (700mA)
DELIVERED LUMEN OUTPUT	352 lm (3000K, 34°, 5W, CRI 80) 463 lm (3000K, 34°, 7W, CRI 80) RGB: 253 lm, R: 98 lm G: 114 lm B: 41 lm (700mA, 34°)
NO. AND TYPE OF LED	1 high intensity power LED, 3-step MacAdam RGB: 3 power LEDs 50000h L90 B10 (Ta 25°C)
MATERIAL	body in black-anodized anticorrosion aluminium trim in AISI 316L stainless steel screen in tempered, transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 57
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm RGB: includes 1.5 m FEP+RUB cable (equivalent to H05RN-F) 6x0.50/0.50 Ø6.3 mm
WIRING	parallel RGB: series
MOUNTING	recessed (ceiling, wall, ground)
ACCESSORIES	see p. 56
PHOTOMETRIC DATA	see p. 814

SMOOTHY

ACCESSORIES AND POWER SUPPLY UNITS

ANTI-GLARE ACCESSORIES



WH0100 (Smoothy 1.0 / 1.6)

WH0203 (Smoothy 2.4)

WH0206 (Smoothy 5.4)

WH0205 (Smoothy 5.6)

Honeycomb louvre built into the lighting fixture

order together with the lighting fixture

the honeycomb louvre can be fitted:
 _ on all optics except for sharp, diffuse and 16°x69° adjustable optics

_ on 5° and 8° optics on request



WE0700S (Smoothy 1.0 / 1.6)

WE0701S (Smoothy 2.4 / 2.8)

WE0702S (Smoothy 5.4 / 5.6)

Anti-glare screen, half transparent and half serigraphed black built into the lighting fixture

order together with the lighting fixture

the anti-glare screen can be fitted on the versions with white LED colour and on all optics except for 48° and diffuse optics

ACCESSORIES FOR INSTALLATION



WC4010

Outer casing
 (Smoothy 1.0 / 1.6)



WC4020

Outer casing
 (Smoothy 2.4 / 2.8)



WC4050

Outer casing
 (Smoothy 5.4 / 5.6)



WG0501

Fixing springs for installation
 (Smoothy 1.0 / 1.6)



WG0502

Fixing springs for installation
 (Smoothy 2.4 / 2.8)



WG0505

Fixing springs for installation
 (Smoothy 5.4 / 5.6)



WL0100

Suction cup
 (Smoothy 1.0 / 1.6 / 2.4 / 2.8)



WL0500

Suction cup
 (Smoothy 5.4 / 5.6)

for spare parts, see p. 866

POWER CABLES Smoothy 1.0 / 1.6 / 2.4 / 5.6

to order the power cable, add the suffix -1, -2, -3 or -4 to the code for the lighting fixture

- 1 length 5 m
- 2 length 10 m
- 3 length 15 m
- 4 length 20 m

white LED colour

Neoprene cables

H05RN-F 2x0.75/0.75 Ø6.3 mm IPS

RGB

FEP+RUB cables

(equivalent to H05RN-F)

6x0.50/0.50 Ø6.3 mm IPS

POWER SUPPLY UNITS Smoothy 1.0**350mA**

Max no. fixtures	PSU	IP	Page
1/3	A13350VL	20	845
1/15	ACUNI020T1	20	844 845
3/9	A19350QL	20	845
5/12	A312350QL	20	845
1/12 dimmer	ADUNITC	20	848 849 850
2/6	A16350IP67	67	845
5/12	A312350IP67	67	845

700mA

Max no. fixtures	PSU	IP	Page
1/3	A13700QL	20	845
1/7 dimmer	ADUNITC	20	848 849 850
1/7	ACUNI020T1	20	844 845
1/3	A13700IP67	67	845
1/9	A39700IP67	67	845

500mA

Max no. fixtures	PSU	IP	Page
1/3	A13500TC	20	845
1/10	ACUNI020T1	20	844 845
2/5	A15500QL	20	845
5/10	A310500QL	20	845
1/12 dimmer	ADUNITC	20	848 849 850
1/4	A14500IP67	67	845
5/10	A310500IP67	67	845

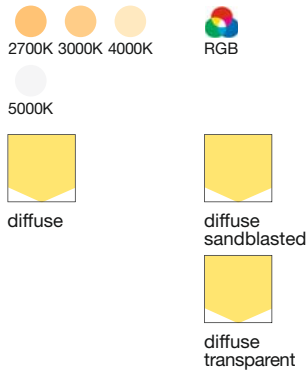
POWER SUPPLY UNITS Smoothy 1.6 / 2.8 / 5.4

Max no. fixtures	PSU	IP	Page
1...n	24Vdc	20	847
1...n	24Vdc	67	847

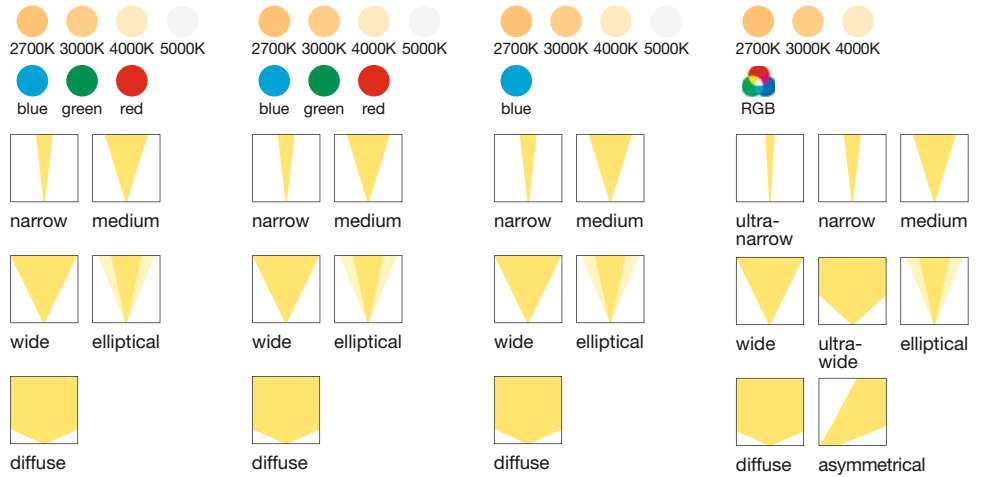
POWER SUPPLY UNITS Smoothy 2.4 / 5.6

Max no. fixtures	PSU	IP	Page
1...n	24Vdc	20	847
1...n	24Vdc	67	847
-	RGB controller	-	855 - 860

ORIENTATION LIGHTING



ARCHITECTURAL LIGHTING



ROUND COVER

FIXED OPTICS
Ø35 mm



BRIGHT MINI 1.0 p. 60
constant voltage
0.5W 12Vac
0.6W 12Vdc
1.2W 24Vdc

FIXED OPTICS
Ø35 mm



BRIGHT 1.8 p. 65
constant voltage
1.2W 12Vdc

FIXED OPTICS
Ø35 mm



BRIGHT 1.0 p. 62
constant current
max 2W max 500mA

FIXED OPTICS
Ø35 mm



BRIGHT 1.2 p. 63
constant current
max 2W max 500mA
mounted on a board

FIXED OPTICS
Ø35 mm



BRIGHT 1.6 p. 64
constant voltage
2W 24Vdc

FIXED OPTICS
Ø85 mm



BRIGHT 2.4 p. 67
white light: constant voltage
5W/7W 24Vdc
RGB light: constant current
max 5W max 500mA

SQUARE COVER

FIXED OPTICS
35x35 mm



BRIGHT MINI 1.1 p. 60
constant voltage
0.5W 12Vac
0.6W 12Vdc
1.2W 24Vdc

FIXED OPTICS
35x35 mm



BRIGHT 1.9 p. 65
constant voltage
1.2W 12Vdc

FIXED OPTICS
35x35 mm



BRIGHT 1.1 p. 63
constant current
max 2W max 500mA

FIXED OPTICS
35x35 mm



BRIGHT 1.7 p. 64
constant voltage
2W 24Vdc

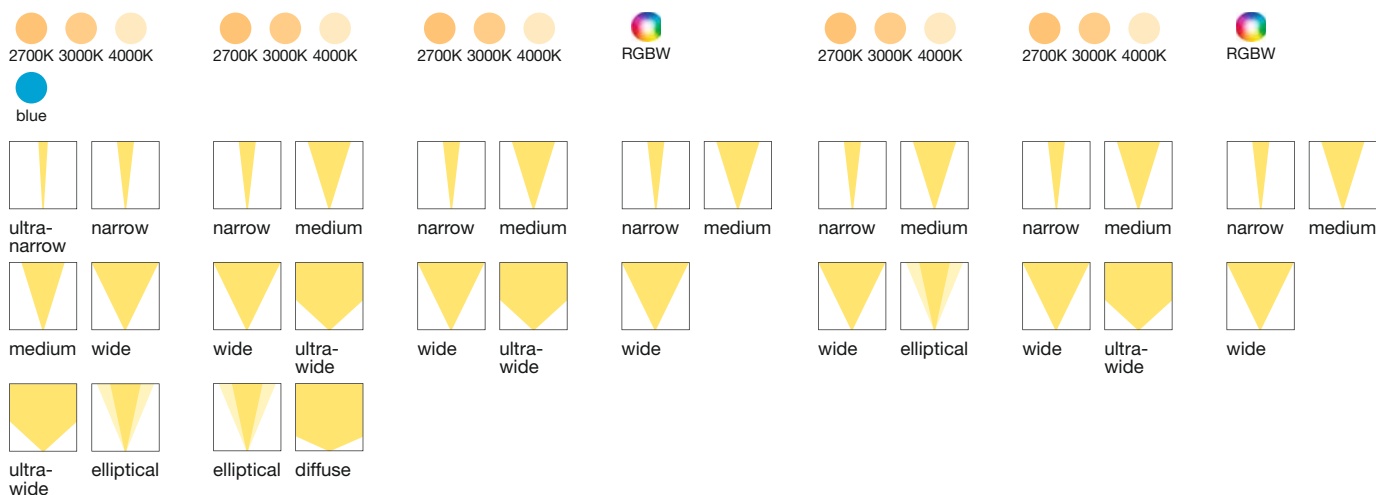
FIXED OPTICS
85x85 mm



BRIGHT 2.5 p. 69
white light: constant voltage
5W/7W 24Vdc
RGB light: constant current
max 5W max 500mA

BRIGHT

OUTDOOR RECESSED ARCHITECTURAL AND ORIENTATION LIGHTING



TILTABLE OPTICS
Ø85 mm



BRIGHT 2.8 p. 70
constant voltage
2.5W/3.5W 24Vdc

FIXED OPTICS
Ø112 mm



BRIGHT 3.F p. 72
constant voltage
10W/13W 24Vdc

TILTABLE OPTICS
Ø112 mm



BRIGHT 3.G p. 73
constant voltage
5W/9W 24Vdc

FIXED OPTICS
Ø112 mm



BRIGHT 3.H p. 73
constant voltage
11W 24Vdc

FIXED OPTICS
Ø148 mm



BRIGHT 5.F p. 74
constant voltage
14W/19W 24Vdc

TILTABLE OPTICS
Ø148 mm



BRIGHT 5.G p. 75
constant voltage
10W/16W 24Vdc

FIXED OPTICS
Ø148 mm



BRIGHT 5.H p. 75
constant voltage
20W 24Vdc

TILTABLE OPTICS
85x85 mm

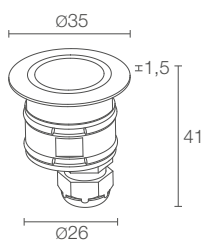


BRIGHT 2.9 p. 70
constant voltage
2.5W/3.5W 24Vdc

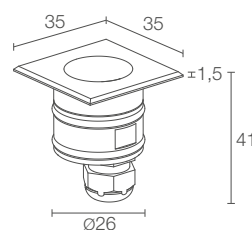
BRIGHT MINI



BRIGHT MINI 1.0



BRIGHT MINI 1.1



POWER / POWER SUPPLY CODE	0.5W 12Vac 0.6W 12Vdc 1.2W 24Vdc MB1000 ■ D I
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K
OPTICS	diffuse
LUMEN OUTPUT AT SOURCE	41 lm (3000K, 24Vdc)
DELIVERED LUMEN OUTPUT	20 lm (3000K, 24Vdc)
NO. AND TYPE OF LED	1 mid-power LED 1/4 ANSI BIN, 50000h L90 B10 (Ta 25°C)
MATERIAL	body and trim in AISI 316L stainless steel screen in tempered, acid-etched glass
POWER SUPPLY UNIT	not included, see p. 78
POWER CABLES	includes 1.5 m neoprene cable 05RN-F 2x0.35 Ø4.3 mm
MOUNTING	recessed (ceiling, wall, ground) thickness: min 3 mm, max 30 mm
ACCESSORIES	see p. 76
NOTES	not suitable for use in swimming pools or fountains underwater version: Bright 1.0 316L, p. 684
PHOTOMETRIC DATA	see p. 731

POWER / POWER SUPPLY CODE	0.5W 12Vac 0.6W 12Vdc 1.2W 24Vdc MB1100 ■ D I
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K
OPTICS	diffuse
LUMEN OUTPUT AT SOURCE	41 lm (3000K, 24Vdc)
DELIVERED LUMEN OUTPUT	20 lm (3000K, 24Vdc)
NO. AND TYPE OF LED	1 mid-power LED 1/4 ANSI BIN, 50000h L90 B10 (Ta 25°C)
MATERIAL	body and trim in AISI 316L stainless steel screen in tempered, acid-etched glass
POWER SUPPLY UNIT	not included, see p. 78
POWER CABLES	includes 1.5 m neoprene cable 05RN-F 2x0.35 Ø4.3 mm
MOUNTING	recessed (ceiling, wall, ground) thickness: min 3 mm, max 30 mm
ACCESSORIES	see p. 76
NOTES	not suitable for use in swimming pools or fountains underwater version: Bright 1.0 316L, p. 684
PHOTOMETRIC DATA	see p. 731

BRIGHT 1.6 >
4000K, 2W, diffuse

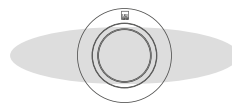
Project by / SC Servizi Integrati
Torre Bassano
Torre del Greco, Naples, Italy



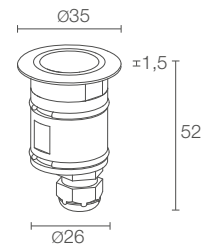
BRIGHT 1



BRIGHT 1.0



10°x45° optics
(Bright 1.0 / 1.2)



Ø 80 mm
H 100 mm

Ø 30 mm



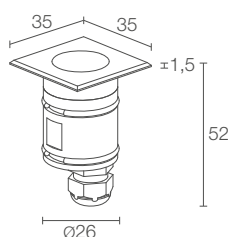
✓
BRIGHT 1.6
2700K, 2W, 10°
Private residence
Côte d'Azur, France



POWER / POWER SUPPLY CODE	max 2W max 500mA CB1012 ■ A I - ■
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue 2 - green 3 - red 2200K on request
OPTICS	S - 10° V - 19° sharp M - 20° L - 40° T - 54° sharp W - 10°x45° D - diffuse
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 2x0.35/0.75 Ø6.3 mm 1 - 5 m 2 - 10 m 3 - 15 m 4 - 20 m
LUMEN OUTPUT AT SOURCE	145 lm (3000K, 500mA)
DELIVERED LUMEN OUTPUT	88 lm (3000K, 500mA, 20°)
NO. AND TYPE OF LED	1 power LED 1/4 ANSI BIN (white LED colour) 50000h L95 B10 (Ta 25°C)
MATERIAL	body and trim in AISI 316L stainless steel screen in tempered, transparent extra-clear glass (optics version) screen in tempered, acid-etched glass (diffuse version)
POWER SUPPLY UNIT	not included, see p. 78 and 844
WIRING	series
MOUNTING	recessed (ceiling, wall, ground)
ACCESSORIES	see p. 76
NOTES	not suitable for use in swimming pools or fountains underwater version: Bright 1.0 316L, p. 684 24Vdc version: Bright 1.6, p. 64
PHOTOMETRIC DATA	see p. 731



BRIGHT 1.1



Ø 80 mm
H 100 mm

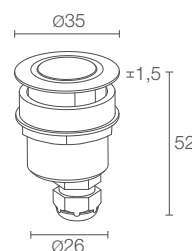
Ø 30 mm

CE LED TECH III kg 0.20 IP68 IK10

A A+ A++ IPS T max 50°C



BRIGHT 1.2



Ø 80 mm
H 100 mm

Ø 28 mm

CE LED TECH III kg 0.20 IP68 IK10

A A+ A++ IPS T max 50°C

max 2W max 500mA

CB1112 ■ A I - ■

■	<p>F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue 2 - green 3 - red 2200K on request</p>
■	<p>S - 10° M - 20° L - 40° D - diffuse</p>
■	<p>includes 1.5 m neoprene cable H05RN-F 2x0.35/0.75 Ø6.3 mm 1 - 5 m 2 - 10 m 3 - 15 m 4 - 20 m</p>

145 lm (3000K, 500mA)

88 lm (3000K, 500mA, 20°)

1 power LED
 1/4 ANSI BIN (white LED colour)
 50000h L95 B10 (Ta 25°C)

body and trim in AISI 316L stainless steel
 screen in tempered, transparent extra-clear glass (optics version)
 screen in tempered, acid-etched glass (diffuse version)

not included, see p. 78 and 844

series

recessed (ceiling, wall, ground)

see p. 76

not suitable for use in swimming pools or fountains
 underwater version: Bright 1.0 316L, p. 684
 24Vdc version: Bright 1.7, p. 64

see p. 731

max 2W max 500mA

CB1212 ■ A I - ■

■	<p>F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue 2 - green 3 - red</p>
■	<p>S - 10° M - 20° L - 40° W - 10°x45° D - diffuse</p>
■	<p>includes 1.5 m neoprene cable H05RN-F 2x0.35/0.75 Ø6.3 mm 1 - 5 m 2 - 10 m 3 - 15 m 4 - 20 m</p>

145 lm (3000K, 500mA)

88 lm (3000K, 500mA, 20°)

1 power LED
 1/4 ANSI BIN (white LED colour)
 50000h L95 B10 (Ta 25°C)

body and trim in AISI 316L stainless steel
 screen in tempered, transparent extra-clear glass (optics version)
 screen in tempered, acid-etched glass (diffuse version)

not included, see p. 78 and 844

series

recessed on a board (thickness: min 0 mm, max 30 mm)

see p. 76

not suitable for use in swimming pools or fountains
 underwater version: Bright 1.0 316L, p. 684

see p. 731

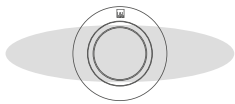
BRIGHT 1



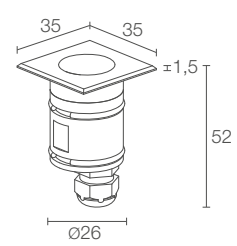
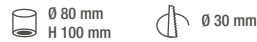
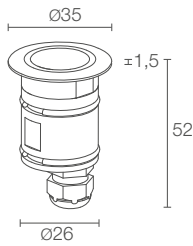
BRIGHT 1.6



BRIGHT 1.7



10°x45° optics
(Bright 1.6)

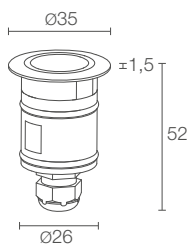


POWER / POWER SUPPLY CODE	2W 24Vdc CB1600 ■ ■ ■ I - ■ ■
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue
OPTICS	S - 10° V - 19° sharp M - 20° L - 40° T - 54° sharp W - 10°x45° D - diffuse
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 2x0.35/0.75 Ø6.3 mm 1 - 5 m 2 - 10 m 3 - 15 m 4 - 20 m
LUMEN OUTPUT AT SOURCE	145 lm (3000K)
DELIVERED LUMEN OUTPUT	88 lm (3000K, 20°)
NO. AND TYPE OF LED	1 power LED 1/4 ANSI BIN (white LED colour) 50000h L95 B10 (Ta 25°C)
MATERIAL	body and trim in AISI 316L stainless steel screen in tempered, transparent extra-clear glass (optics version) screen in tempered, acid-etched glass (diffuse version)
POWER SUPPLY UNIT	not included, see p. 78
MOUNTING	recessed (ceiling, wall, ground)
ACCESSORIES	see p. 76
NOTES	not suitable for use in swimming pools or fountains underwater version: Bright 1.6 316L, p. 685 Bright 1.0 500mA version p. 62
PHOTOMETRIC DATA	see p. 731

POWER / POWER SUPPLY CODE	2W 24Vdc CB1700 ■ ■ ■ I - ■ ■
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue
OPTICS	S - 10° M - 20° L - 40° D - diffuse
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 2x0.35/0.75 Ø6.3 mm 1 - 5 m 2 - 10 m 3 - 15 m 4 - 20 m
LUMEN OUTPUT AT SOURCE	145 lm (3000K)
DELIVERED LUMEN OUTPUT	88 lm (3000K, 20°)
NO. AND TYPE OF LED	1 power LED 1/4 ANSI BIN (white LED colour) 50000h L95 B10 (Ta 25°C)
MATERIAL	body and trim in AISI 316L stainless steel screen in tempered, transparent extra-clear glass (optics version) screen in tempered, acid-etched glass (diffuse version)
POWER SUPPLY UNIT	not included, see p. 78
MOUNTING	recessed (ceiling, wall, ground)
ACCESSORIES	see p. 76
NOTES	not suitable for use in swimming pools or fountains underwater version: Bright 1.6 316L, p. 685 Bright 1.1 500mA version p. 63
PHOTOMETRIC DATA	see p. 731



BRIGHT 1.8



Ø 80 mm
H 100 mm

Ø 30 mm



kg 0.20

IP68 IK10

A A+ A++



T max 50°C

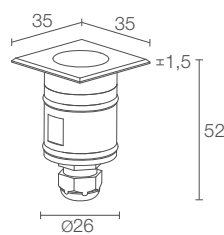
1.2W 12Vdc

CB1800 6 ■ I - ■

RGB



BRIGHT 1.9



Ø 80 mm
H 100 mm

Ø 30 mm



kg 0.20

IP68 IK10

A A+ A++



T max 50°C

1.2W 12Vdc

CB1900 6 ■ I - ■

RGB

■	DT - diffuse transparent DS - diffuse sandblasted
■	includes 1.5 m neoprene cable 05RN-F 4x0.50/0.50 Ø6.3 mm 1 - 5 m 2 - 10 m 3 - 15 m 4 - 20 m
	15 lm, R: 4 lm G: 8 lm B: 3 lm
	11 lm, R: 3 lm G: 6 lm B: 2 lm (diffuse transparent optics)
	1 mid-power, full-colour LED 50000h L90 B10 (Ta 25°C)
	body and trim in AISI 316L stainless steel screen in tempered, transparent extra-clear glass (diffuse transparent optics version) screen in acid-etched, tempered extra-clear glass (diffuse sandblasted optics version)
	not included, see p. 78
	recessed (ceiling, wall, ground)
	see p. 76
	not suitable for use in swimming pools or fountains underwater version: Bright 1.8 316L, p. 685
	see p. 731

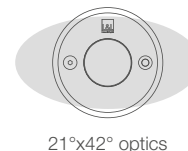
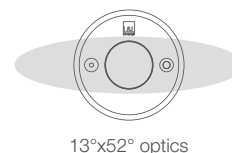
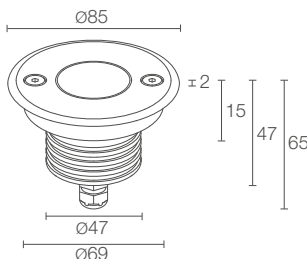
■	DT - diffuse transparent DS - diffuse sandblasted
■	includes 1.5 m neoprene cable 05RN-F 4x0.50/0.50 Ø6.3 mm 1 - 5 m 2 - 10 m 3 - 15 m 4 - 20 m
	15 lm, R: 4 lm G: 8 lm B: 3 lm
	11 lm, R: 3 lm G: 6 lm B: 2 lm (diffuse transparent optics)
	1 mid-power, full-colour LED 50000h L90 B10 (Ta 25°C)
	body and trim in AISI 316L stainless steel screen in tempered, transparent extra-clear glass (diffuse transparent optics version) screen in acid-etched, tempered extra-clear glass (diffuse sandblasted optics version)
	not included, see p. 78
	recessed (ceiling, wall, ground)
	see p. 76
	not suitable for use in swimming pools or fountains underwater version: Bright 1.8 316L, p. 685
	see p. 731



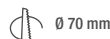
< BRIGHT 2.4
3000K, 5W, 17°
BRIGHT 1.8
RGB, 1.2W, diffuse sandblasted optics
Project by / geom. Giuseppe Carannante
Villa Punta Pennata
Bacoli, Naples, Italy



BRIGHT 2



BRIGHT 2.4



POWER / POWER SUPPLY CODE

5W 24Vdc white light
CB2400 AF - Body in aluminium, trim in grey-painted aluminium
CB2400 AI - Body in aluminium, trim in stainless steel
CB2400 II - Body in stainless steel, trim in stainless steel
 7W 24Vdc white light
CB2401 AF - Body in aluminium, trim in grey-painted aluminium
CB2401 AI - Body in aluminium, trim in stainless steel
CB2401 II - Body in stainless steel, trim in stainless steel
 max 5W max 500mA RGB light
CB24326 AF - Body in aluminium, trim in grey-painted aluminium
CB24326 AI - Body in aluminium, trim in stainless steel
CB24326 II - Body in stainless steel, trim in stainless steel

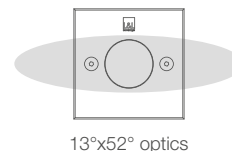
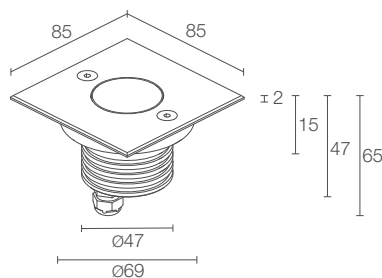
■ CRI	0 - CRI 80 1 - CRI >90																		
■ LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K																		
■ OPTICS	<table border="0"> <tr> <td>Z - asymmetrical, 8°</td> <td>L - 45°</td> <td>RGB:</td> </tr> <tr> <td>V - 8°</td> <td>J - 47°</td> <td>S - 20°</td> </tr> <tr> <td>T - 11°</td> <td>Q - 61° sharp</td> <td>M - 34°</td> </tr> <tr> <td>S - 17°</td> <td>K - 68°</td> <td>L - 45°</td> </tr> <tr> <td>P - 21° sharp</td> <td>W - 13°x52°</td> <td>W - 21°x42°</td> </tr> <tr> <td>M - 34°</td> <td>D - diffuse</td> <td></td> </tr> </table> <p>5° (only white light and 3.5W) on request</p>	Z - asymmetrical, 8°	L - 45°	RGB:	V - 8°	J - 47°	S - 20°	T - 11°	Q - 61° sharp	M - 34°	S - 17°	K - 68°	L - 45°	P - 21° sharp	W - 13°x52°	W - 21°x42°	M - 34°	D - diffuse	
Z - asymmetrical, 8°	L - 45°	RGB:																	
V - 8°	J - 47°	S - 20°																	
T - 11°	Q - 61° sharp	M - 34°																	
S - 17°	K - 68°	L - 45°																	
P - 21° sharp	W - 13°x52°	W - 21°x42°																	
M - 34°	D - diffuse																		
■ POWER CABLES	includes 1.5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm RGB: includes 1.5 m FEP+RUB cable (equivalent to H05RN-F) 6x0.50/0.50 Ø6.3 mm 1 - 5 m 2 - 10 m 3 - 15 m 4 - 20 m																		
LUMEN OUTPUT AT SOURCE	488 lm (3000K, 5W, CRI 80) 657 lm (3000K, 7W, CRI 80) RGB: 253 lm, R: 82 lm G: 114 lm B: 57 lm (500mA)																		
DELIVERED LUMEN OUTPUT	352 lm (3000K, 34°, 5W, CRI 80) 463 lm (3000K, 34°, 7W, CRI 80) RGB: 191 lm, R: 70 lm G: 90 lm B: 31 lm (500mA, 34°)																		
NO. AND TYPE OF LED	1 high intensity power LED, 3-step MacAdam RGB: 3 power LEDs 50000h L90 B10 (Ta 25°C)																		
MATERIAL	body in black-anodized anticorrosional aluminium or AISI 316L stainless steel trim in AISI 316L stainless steel or aluminium screen in tempered, transparent extra-clear glass (optics version) screen in sandblasted, tempered extra-clear glass (diffuse version)																		
POWER SUPPLY UNIT	not included, see p. 78																		
WIRING	parallel RGB: series																		
MOUNTING	recessed (ceiling, wall, ground)																		
ACCESSORIES	see p. 76																		
NOTES	not suitable for use in swimming pools or fountains, underwater fixtures p. 682 version with 9W power (with white LED colour) available on request																		
PHOTOMETRIC DATA	see p. 732																		



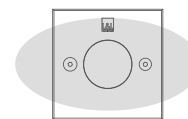
< BRIGHT 2.4
2700K, 7W, 11° - 45°, stainless steel

Project by / Boris Ruzic
Photo by / Rajan
Milosevic / Koridor 27
Villa Covri, Brtonigla, Croatia

BRIGHT 2



13°x52° optics



21°x42° optics

BRIGHT 2.5

Ø 180 mm
H 120 mm

Ø 70 mm



POWER / POWER SUPPLY CODE	<p>5W 24Vdc white light CB2500 ■ ■ ■ AI - ■ Body in aluminium, trim in micro-blasted stainless steel CB2500 ■ ■ ■ II - ■ Body in stainless steel, trim in micro-blasted stainless steel</p> <p>7W 24Vdc white light CB2501 ■ ■ ■ AI - ■ Body in aluminium, trim in micro-blasted stainless steel CB2501 ■ ■ ■ II - ■ Body in stainless steel, trim in micro-blasted stainless steel</p> <p>max 5W max 500mA RGB light CB25326 ■ AI - ■ Body in aluminium, trim in micro-blasted stainless steel CB25326 ■ II - ■ Body in stainless steel, trim in micro-blasted stainless steel</p>
CRI	0 - CRI 80 1 - CRI >90
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	<p>Z - asymmetrical 8° L - 45° RGB: V - 8° J - 47° S - 20° T - 11° Q - 61° sharp M - 34° S - 17° K - 68° L - 45° P - 21° sharp W - 13°x52° W - 21°x42° M - 34° D - diffuse</p> <p>5° (only white light and 3.5W) on request</p>
POWER CABLES	<p>includes 1.5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm RGB: includes 1.5 m FEP+RUB cable (equivalent to H05RN-F) 6x0.50/0.50 Ø6.3 mm</p> <p>1 - 5 m 2 - 10 m 3 - 15 m 4 - 20 m</p>
LUMEN OUTPUT AT SOURCE	<p>488 lm (3000K, 5W, CRI 80) 657 lm (3000K, 7W, CRI 80) RGB: 253 lm, R: 82 lm G: 114 lm B: 57 lm (500mA)</p>
DELIVERED LUMEN OUTPUT	<p>352 lm (3000K, 34°, 5W, CRI 80) 463 lm (3000K, 34°, 7W, CRI 80) RGB: 191 lm, R: 70 lm G: 90 lm B: 31 lm (500mA, 34°)</p>
NO. AND TYPE OF LED	<p>1 high intensity power LED, 3-step MacAdam RGB: 3 power LEDs 50000h L90 B10 (Ta 25°C)</p>
MATERIAL	<p>body in black-anodized anticorrosional aluminium or AISI 316L stainless steel trim in AISI 316L stainless steel screen in tempered, transparent extra-clear glass (optics version) screen in sandblasted, tempered extra-clear glass (diffuse version)</p>
POWER SUPPLY UNIT	not included, see p. 78
WIRING	<p>parallel RGB: series</p>
MOUNTING	recessed (ceiling, wall, ground)
ACCESSORIES	see p. 76
NOTES	not suitable for use in swimming pools or fountains, underwater fixtures p. 682 version with 9W power (with white LED colour) available on request
PHOTOMETRIC DATA	see p. 732

BRIGHT 2

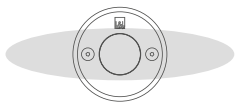
Project by / Studio DELBOCA + Partners,
 Studio Architetti, Simona e Giovanni Rossi
 Light planning by / Rada Markovic Lighting Design Studio
 Promoter / Client / Contractor: Montanari Costruzioni s.r.l.
 Casa sul Parco, Fidenza, Parma, Italy



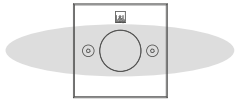
BRIGHT 2.8



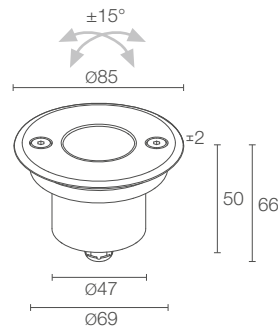
BRIGHT 2.9



10°x44° optics
(Bright 2.8)

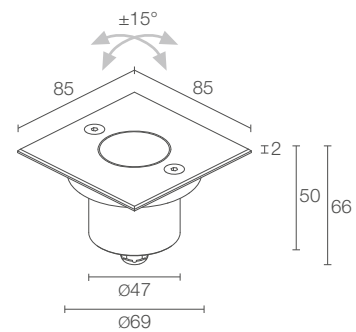


10°x44° optics
(Bright 2.9)



Ø 180 mm H 120 mm
 Ø 70 mm

CE LED RoHS III kg 2000 kg 0.50 I kg 0.40 A IP68 IP69K IK10
 A A+ A++ IPS T max 55°C



Ø 180 mm H 120 mm
 Ø 70 mm

CE LED RoHS III kg 2000 kg 0.50 IP68 IP69K IK10
 A A+ A++ IPS T max 55°C

POWER / POWER SUPPLY CODE

2.5W 24Vdc
CB28000 ■ ■ I Stainless steel
CB28000 ■ ■ F Grey
 3.5W 24Vdc
CB28010 ■ ■ I Stainless steel
CB28010 ■ ■ F Grey

2.5W 24Vdc
CB29000 ■ ■ I Micro-blasted stainless steel
 3.5W 24Vdc
CB29010 ■ ■ I Micro-blasted stainless steel

LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 1 - blue 2200K on request
OPTICS	S - 8° tiltable ±15° M - 20° tiltable ±15° P - 36° sharp tiltable ±15° L - 41° tiltable ±15° Q - 68° sharp tiltable ±15° W - 10°x44° tiltable ±15°

LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 1 - blue 2200K on request
OPTICS	S - 8° tiltable ±15° M - 20° tiltable ±15° P - 36° sharp tiltable ±15° L - 41° tiltable ±15° Q - 68° sharp tiltable ±15° W - 10°x44° tiltable ±15°

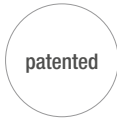
LUMEN OUTPUT AT SOURCE	184 lm (3000K, 3.5W)
DELIVERED LUMEN OUTPUT	143 lm (3000K, 20°, 3.5W)
NO. AND TYPE OF LED	1 power LED 1/4 ANSI BIN (white LED colour) 50000h L90 B10 (Ta 25°C)
MATERIAL	body in black-anodized anticorrosion aluminium trim in AISI 316L stainless steel or aluminium screen in tempered, transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 78
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm
MOUNTING	recessed (ceiling, wall, ground)
ACCESSORIES	see p. 76
NOTES	not suitable for use in swimming pools or fountains underwater fixtures p. 682 version with honeycomb louvre available on request
PHOTOMETRIC DATA	see p. 733

LUMEN OUTPUT AT SOURCE	184 lm (3000K, 3.5W)
DELIVERED LUMEN OUTPUT	143 lm (3000K, 20°, 3.5W)
NO. AND TYPE OF LED	1 power LED 1/4 ANSI BIN (white LED colour) 50000h L90 B10 (Ta 25°C)
MATERIAL	body in black-anodized anticorrosion aluminium trim in AISI 316L stainless steel screen in tempered, transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 78
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm
MOUNTING	recessed (ceiling, wall, ground)
ACCESSORIES	see p. 76
NOTES	not suitable for use in swimming pools or fountains underwater fixtures p. 682 version with honeycomb louvre available on request
PHOTOMETRIC DATA	see p. 733

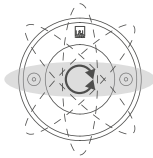


BRIGHT 3

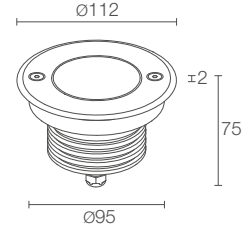
BRIGHT 3.F



elliptical optics,
adjusted manually
with magnet



Adjustable
16°x69° optics



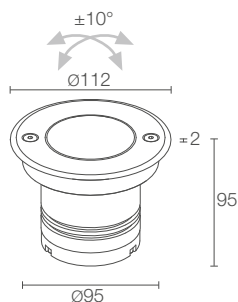
Ø 220 mm H 150 mm Ø 96 mm

CE LED III kg 5000 kg 0.78 IP68 IP69K IK10

A A+ A++ IPS T max 50°C

POWER SUPPLY CODE	24Vdc diffuse CB3F0 ■ ■ ■ 0 2 0 ■ 0 D I - ■ 24Vdc CB3F0 ■ ■ ■ 0 ■ ■ ■ 0 ■ I - ■
POWER	0 - 10W 1 - 13W
CRI	0 - CRI 80 1 - CRI >90
OPTICAL ACCESSORIES	0 - none 1 - anti-glare screen, half transparent and half serigraphed black (not compatible with the honeycomb louvre)
HONEYCOMB LOUVRE	0 - not present 1 - present (not compatible with the anti-glare screen, or with the 58° sharp and 16°x69° adjustable optics)
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	S - 16° M - 21° L - 38° K - 55° P - 58° sharp W - 16°x69° adjustable
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm 1 - 5 m 2 - 10 m 3 - 15 m 4 - 20 m
LUMEN OUTPUT AT SOURCE	1115 lm (3000K, 10W, CRI 80) 1485 lm (3000K, 13W, CRI 80)
DELIVERED LUMEN OUTPUT	845 lm (3000K, 55°, 10W, CRI 80) 1125 lm (3000K, 55°, 13W, CRI 80)
NO. AND TYPE OF LED	1 high power density COB LED 3-step MacAdam, 50000h L95 B10 (Ta 25°C)
MATERIAL	body in black-anodized anticorrosional aluminium trim in AISI 316L stainless steel screen in tempered, serigraphed-grey and transparent extra-clear glass (optics version) screen in acid-etched, tempered extra-clear glass (diffuse version)
POWER SUPPLY UNIT	not included, see p. 78
MOUNTING	recessed (ceiling, wall, ground)
ACCESSORIES	see p. 76
FEATURES	16°x69° optics adjustable through 360° using magnet included
NOTES	not suitable for use in swimming pools or fountains underwater fixtures p. 682
PHOTOMETRIC DATA	see p. 734

BRIGHT 3.G



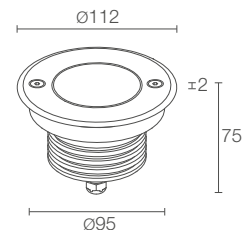
Ø 220 mm
H 150 mm

CE LED TECH III kg 5000 kg 0.95 IP67 IP69K IK10
A A+ A++ IPS T max 50°C

24Vdc
CB3G0 0 0 0 0 I - ■

■	0 - 5W 1 - 9W
■	0 - CRI 80 1 - CRI >90
■	0 - none 1 - anti-glare screen, half transparent and half serigraphed black (not compatible with the honeycomb louvre)
■	0 - not present 1 - present (not compatible with the anti-glare screen)
■	F - 2700K 5 - 3000K 9 - 4000K
■	S - 12° tiltable ±10° M - 20° tiltable ±10° L - 35° tiltable ±10° K - 57° tiltable ±10°
■	includes 1.5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm 1 - 5 m 2 - 10 m 3 - 15 m 4 - 20 m
	440 lm (3000K, 5W, CRI 80) 792 lm (3000K, 9W, CRI 80)
	282 lm (3000K, 35°, 5W, CRI 80) 508 lm (3000K, 35°, 9W, CRI 80)
	1 high intensity power LED 3-step MacAdam, 50000h L90 B10 (Ta 25°C)
	body in black-anodized anticorodal aluminium trim in AISI 316L stainless steel screen in tempered, serigraphed-grey and transparent extra-clear glass
	not included, see p. 78
	recessed (ceiling, wall, ground)
	see p. 76
	see p. 734

BRIGHT 3.H



Ø 220 mm
H 150 mm

CE LED TECH III kg 5000 kg 0.80 IP68 IP69K IK10
A A+ A++ IPS T max 50°C

24Vdc
CB3H0000007 0 ■ I - ■

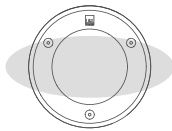
	11W
	RGBW
■	S - 18° M - 32° L - 58°
■	includes 1.5 m FEP+RUB cable (equivalent to H05RN-F) 6x0.50/0.50 Ø6.3 mm 1 - 5 m
	447 lm, R: 68 lm G: 139 lm B: 51 lm W: 189 lm (4000K)
	278 lm, R: 43 lm G: 87 lm B: 32 lm W: 116 lm (4000K, 18°)
	1 RGBW power LED group 50000h L85 B10 (Ta 25°C)
	body in black-anodized anticorodal aluminium trim in AISI 316L stainless steel screen in tempered, serigraphed-grey and transparent extra-clear glass
	not included, see p. 78
	recessed (ceiling, wall, ground)
	see p. 76
	not suitable for use in swimming pools or fountains underwater fixtures p. 682
	see p. 735

BRIGHT 5

BRIGHT 5.F



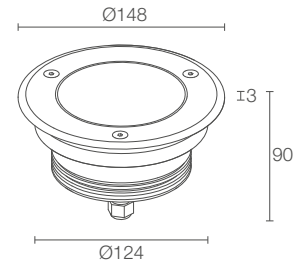
elliptical optics,
adjusted manually
with magnet



15°x47° optics



Adjustable
67°x11° optics



Ø 260 mm
H 150 mm

Ø 125 mm



A A+ A++



NTC

T max 40°C

POWER SUPPLY CODE	24Vdc CB5F0 ■■■ 0 ■■ 0 ■ I - ■
POWER	0 - 14W 1 - 19W
CRI	0 - CRI 80 1 - CRI >90
HONEYCOMB LOUVRE	0 - not present 1 - present (not compatible with the 67°x11° adjustable optics)
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	V - 10° T - 12° S - 18° M - 31° L - 35° K - 56° W - 15°x47° X - 67°x11° adjustable
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm 1 - 5 m 2 - 10 m 3 - 15 m 4 - 20 m
LUMEN OUTPUT AT SOURCE	1131 lm (3000K, 14W, CRI 80) 1663 lm (3000K, 19W, CRI 80)
DELIVERED LUMEN OUTPUT	821 lm (3000K, 12°, 14W, CRI 80) 1208 lm (3000K, 12°, 19W, CRI 80)
NO. AND TYPE OF LED	3 high intensity power LEDs 3-step MacAdam, 50000h L95 B10 (Ta 25°C)
MATERIAL	body in black-anodized anticorodal aluminium trim in AISI 316L stainless steel screen in tempered, serigraphed-grey and transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 78
MOUNTING	recessed (ceiling, wall, ground)
ACCESSORIES	see p. 76
FEATURES	67°x11° optics adjustable through 360° using magnet included
NOTES	not suitable for use in swimming pools or fountains underwater fixtures p. 682
PHOTOMETRIC DATA	see p. 735

BRIGHT 5.G



24Vdc

CB5G0 ■ ■ ■ 0 0 ■ ■ 0 ■ I - ■

0 - 10W
1 - 16W

0 - CRI 80
1 - CRI >90

0 - not present
1 - present

F - 2700K
5 - 3000K
9 - 4000K

■ S - 12° tiltable ±10°
M - 31° tiltable ±10°
L - 38° tiltable ±10°
K - 55° tiltable ±10°

■ includes 1.5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm
1 - 5 m
2 - 10 m
3 - 15 m
4 - 20 m

1033 lm (3000K, 10W, CRI 80)
1564 lm (3000K, 16W, CRI 80)

816 lm (3000K, 55°, 10W, CRI 80)
1235 lm (3000K, 55°, 16W, CRI 80)

1 high power density COB LED
3-step MacAdam, 50000h L90 B10 (Ta 25°C)

body in black-anodized anticorrosion aluminium
trim in AISI 316L stainless steel
screen in tempered, serigraphed-grey and
transparent extra-clear glass

not included, see p. 78

recessed (ceiling, wall, ground)

see p. 76

see p. 736

BRIGHT 5.H



24Vdc

CB5H0000007 0 ■ I - ■

20W

RGBW

■ S - 20°
M - 34°
L - 61°

■ includes 1.5 m FEP+RUB cable (equivalent to H05RN-F)
6x0.50/0.50 Ø6.3 mm
1 - 5 m

1021 lm, R: 146 lm G: 329 lm B: 117 lm W: 429 lm
(4000K)

656 lm, R: 101 lm G: 204 lm B: 75 lm W: 276 lm
(4000K, 20°)

3 RGBW power LED groups
50000h L85 B10 (Ta 25°C)

body in black-anodized anticorrosion aluminium
trim in AISI 316L stainless steel
screen in tempered, serigraphed-grey and
transparent extra-clear glass

not included, see p. 78

recessed (ceiling, wall, ground)

see p. 76

not suitable for use in swimming pools or fountains
underwater fixtures p. 682

see p. 736

BRIGHT

ACCESSORIES

ANTI-GLARE ACCESSORIES



WH0101 (Bright 1.0 / 1.1 / 1.2 / 1.6 / 1.7)

WH0201 (Bright 2.4 / 2.5)

Honeycomb louvre
built into the lighting fixture

order together with
the lighting fixture

the honeycomb louvre can be fitted
on all fixed optics except for the sharp,
8° asymmetrical, 8° and diffuse optics

OPTICAL ACCESSORIES



WE0400A (Bright 2.4 / 2.5)

compatible with versions
with white LED colour and
with all optics except for
8° asymmetrical and diffuse optics

WE0500A (Bright 1.0 / 1.1 / 1.2 / 1.6 / 1.7)

10°, 20°, 40° optics

Semi-diffusing screen,
half transparent
and half frosted

built into the lighting fixture

order together with
the lighting fixture



WE0400S (Bright 2.4 / 2.5 / 2.8 / 2.9)

compatible with versions
with white LED colour and
with all optics except for
8° asymmetrical and diffuse optics

WE0500S (Bright 1.0 / 1.1 / 1.2 / 1.6 / 1.7)

10°, 20°, 40° optics

Anti-glare screen,
half transparent and
half serigraphed black

built into the lighting fixture

order together with
the lighting fixture

ACCESSORIES FOR INSTALLATION



WC0202

Outer casing for solid walls

(Bright Mini 1.0 / 1.1
Bright 1.0 / 1.1 / 1.6 /
1.7 / 1.8 / 1.9)



WC0100

Outer casing

(Bright 2.4 / 2.5 / 2.8 / 2.9)



WC0103

Outer casing

(Bright 2.4 / 2.5 / 2.8 / 2.9)



WC0105

Outer casing

(Bright 3.F / 3.G / 3.H)



WC0150

Outer casing

(Bright 2.4 / 2.5 / 2.8 / 2.9)



WC0501

Outer casing

(Bright 5.F / 5.H)



WC0601

Outer casing

(Bright 5.F / 5.G / 5.H)



WC0701

Outer casing

(Bright 5.F / 5.G / 5.H)



WG0302

Fixing springs for installation

(Bright Mini 1.0 / 1.1)



WG0301

Fixing springs for installation

(Bright 1.0 / 1.1 /
1.6 / 1.7 / 1.8 / 1.9)



WG0100

Fixing springs for installation

(Bright 2.4 / 2.5 / 2.8 / 2.9)



WG0400

Fixing springs for installation

(Bright 3.F / 3.G / 3.H)



WG0200

Fixing springs for installation

(Bright 5.F / 5.G / 5.H)

for spare parts, see p. 866

POWER CABLES

to order the power cable, add the suffix -1, -2, -3 or -4 to the code for the lighting fixture

- 1 length 5 m
- 2 length 10 m
- 3 length 15 m
- 4 length 20 m

Neoprene cables
H05RN-F 2x0.75/0.75 Ø6.3 mm IPS
(Bright 2.8 / 2.9)

Neoprene cables
05RN-F 2x0.35 Ø4.3 mm

WF0510
your choice of length
(Bright Mini 1.0 / 1.1)
order together with
the lighting fixture

∨
BRIGHT 2.4
2700K, 5W, 11°, grey
Light planning by / ZKLD Light Design Studio
Project by / Hakan Kiran Architecture
Nurul Life, Istanbul, Turkey



BRIGHT

POWER SUPPLY UNITS

POWER SUPPLY UNITS Bright Mini 1.0 / 1.1

Max no. fixtures	PSU	IP	Page
1...n	12Vdc	20	847
1...n	24Vdc	20	847
1...n	12Vdc	67	847
1...n	24Vdc	67	847

POWER SUPPLY UNITS Bright 1.0 / 1.1 / 1.2

350mA

Max no. fixtures	PSU	IP	Page
1/3	A13350VL	20	845
1/15	ACUNI020T1	20	844 845
3/9	A19350QL	20	845
5/12	A312350QL	20	845
1/12 dimmer	ADUNITC	20	848 849 850
2/6	A16350IP67	67	845
5/12	A312350IP67	67	845

500mA

Max no. fixtures	PSU	IP	Page
1/3	A13500TC	20	845
1/10	ACUNI020T1	20	844 845
2/5	A15500QL	20	845
5/10	A310500QL	20	845
1/12 dimmer	ADUNITC	20	848 849 850
1/4	A14500IP67	67	845
5/10	A310500IP67	67	845

POWER SUPPLY UNITS Bright 1.6 / 1.7 / 2.8 / 2.9 / 3.F / 3.G / 5.F / 5.G

Max no. fixtures	PSU	IP	Page
1...n	24Vdc	20	847
1...n	24Vdc	67	847

POWER SUPPLY UNITS Bright 1.8 / 1.9

Max no. fixtures	PSU	IP	Page
1...n	12Vdc	20	847
1...n	12Vdc	67	847
-	RGB controller	-	855 - 860

POWER SUPPLY UNITS Bright 2.4 / 2.5

Max no. fixtures	PSU	IP	Page
1...n	24Vdc	20	847
1...n	24Vdc	67	847
-	RGB controller	-	855 - 860

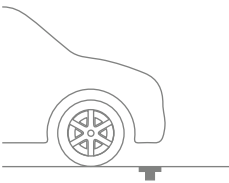
POWER SUPPLY UNITS Bright 3.H / 5.H

Max no. fixtures	PSU	IP	Page
1...n	24Vdc	20	847
1...n	24Vdc	67	847
-	RGBW controller	-	855 - 860



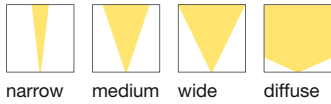


^
LITUS 2.4
 4000K, 7W, 8°
 customized version with white-serigraphed screen



ROUND COVER
INSTALLATION IN SOLID WALLS

Ø48 mm



narrow medium wide diffuse

UP TO 2 m



2700K 3000K 4000K

FIXED OPTICS



LITUS 1.0 p. 82
 constant current
 max 2W max 700mA

LITUS 1.6 p. 83
 constant voltage
 2.5W/3.5W 24Vdc



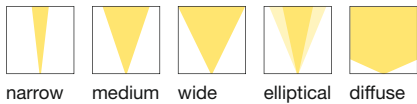
2700K 3000K 4000K

TILTABLE OPTICS



LITUS 2.8 p. 86
 constant voltage
 2.5W/3.5W 24Vdc

Ø72 mm



narrow medium wide elliptical diffuse

UP TO 4 m



LITUS 2.4 p. 84
 white light: constant voltage
 3.5W/5W/7W 24Vdc
 RGB light: constant current
 max 7W max 700mA

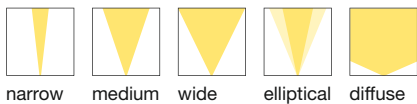


RGB



LITUS 2.8 p. 86
 constant voltage
 2.5W/3.5W 24Vdc

Ø96 mm



narrow medium wide elliptical diffuse

UP TO 7 m



LITUS 5.4 p. 87
 constant voltage
 10W/13W 24Vdc



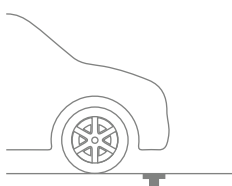
LITUS 5.6 p. 88
 white light: constant voltage
 3.5W/5W/7W 24Vdc
 RGB light: constant current
 max 7W max 700mA



RGB

LITUS

OUTDOOR RECESSED UPLIGHTS UNOBTRUSIVE,
FOR ARCHITECTURAL LIGHTING



SQUARE COVER INSTALLATION IN SOLID WALLS AND PLASTERBOARD

2700K 3000K 4000K

FIXED OPTICS

2700K 3000K 4000K

TILTABLE OPTICS

47x47 mm

UP TO 2 m



LITUS 1.1 p. 82
constant current
max 2W max 700mA



narrow medium wide diffuse



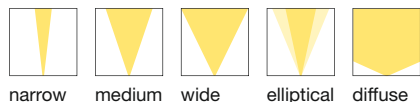
LITUS 1.7 p. 83
constant voltage
2.5W/3.5W 24Vdc

72x72 mm

UP TO 4 m



LITUS 2.5 p. 85
white light: constant voltage
3.5W/5W/7W 24Vdc
RGB light: constant current
max 7W max 700mA



narrow medium wide elliptical diffuse



LITUS 2.9 p. 86
constant voltage
2.5W/3.5W 24Vdc



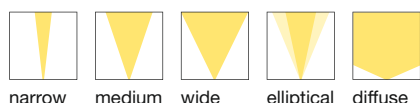
RGB

95x95 mm

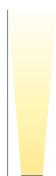
UP TO 7 m



LITUS 5.5 p. 87
constant voltage
10W/13W 24Vdc



narrow medium wide elliptical diffuse



LITUS 5.7 p. 91
white light: constant voltage
3.5W/5W/7W 24Vdc
RGB light: constant current
max 7W max 700mA

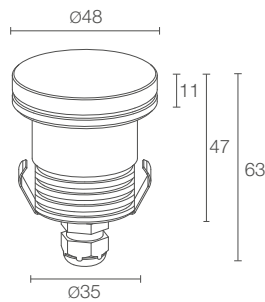


RGB

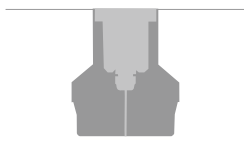
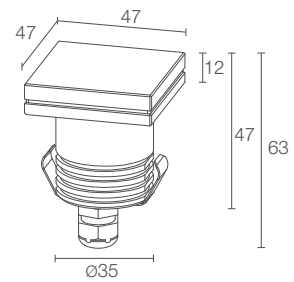
LITUS 1



LITUS 1.0



LITUS 1.1



Installation flush with ground

Ø 120 mm
H 110 mm



Ø 120 mm
H 110 mm

48x48 mm



POWER / POWER SUPPLY CODE max 2W max 700mA
LT1010 ■ ■ ■ NV

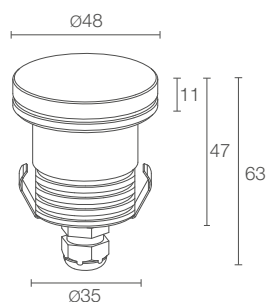
POWER / POWER SUPPLY CODE max 2W max 700mA
LT1110 ■ ■ ■ NV

■ CRI	0 - CRI 80 1 - CRI >90
■ LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
■ OPTICS	S - 13° M - 22° F - 30° P - 35° sharp L - 48° D - diffuse
LUMEN OUTPUT AT SOURCE	224 lm (3000K, 700mA, CRI 80)
DELIVERED LUMEN OUTPUT	188 lm (3000K, 700mA, 22°, CRI 80)
NO. AND TYPE OF LED	1 power LED 1/4 ANSI BIN, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in black-anodized anticorodal aluminium screen in tempered, serigraphed-grey and transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 93 and 844
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm
WIRING	series
MOUNTING	recessed (ceiling, wall, ground)
ACCESSORIES	see p. 92
NOTES	version with screen in serigraphed-white glass available on request
PHOTOMETRIC DATA	see p. 783

■	0 - CRI 80 1 - CRI >90
■	F - 2700K 5 - 3000K 9 - 4000K
■	S - 13° M - 22° F - 30° P - 35° sharp L - 48° D - diffuse
LUMEN OUTPUT AT SOURCE	224 lm (3000K, 700mA, CRI 80)
DELIVERED LUMEN OUTPUT	188 lm (3000K, 700mA, 22°, CRI 80)
NO. AND TYPE OF LED	1 power LED 1/4 ANSI BIN, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in black-anodized anticorodal aluminium screen in tempered, serigraphed-grey and transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 93 and 844
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm
WIRING	series
MOUNTING	recessed (ceiling, wall, ground)
ACCESSORIES	see p. 92
NOTES	version with screen in serigraphed-white glass available on request
PHOTOMETRIC DATA	see p. 783



LITUS 1.6



Ø 120 mm
H 110 mm

CE LED TECH III kg 1000 kg 0.20 IP67 IK08
A A+ A++ IPS T max 40°C

2.5W 24Vdc
LT1600 NV

3.5W 24Vdc
LT1601 NV

■	0 - CRI 80 1 - CRI >90
■	F - 2700K 5 - 3000K 9 - 4000K
■	S - 13° M - 22° F - 30° P - 35° sharp L - 48° D - diffuse

224 lm (3000K, 3.5W, CRI 80)

188 lm (3000K, 22°, 3.5W, CRI 80)

1 power LED
1/4 ANSI BIN, 50000h L90 B10 (Ta 25°C)

body in black-anodized anticorrosion aluminium
screen in tempered, serigraphed-grey and
transparent extra-clear glass

not included, see p. 93

includes 1.5 m neoprene cable
H05RN-F 2x0.75/0.75 Ø6.3 mm

parallel

recessed (ceiling, wall, ground)

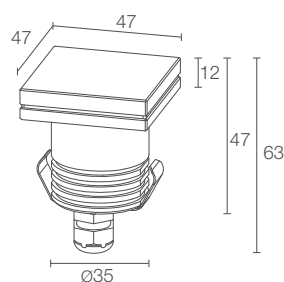
see p. 92

version with screen in serigraphed-white
glass available on request

see p. 783



LITUS 1.7



Ø 120 mm
H 110 mm

48x48 mm

CE LED TECH III kg 1000 kg 0.20 IP67 IK08
A A+ A++ IPS T max 40°C

2.5W 24Vdc
LT1700 NV

3.5W 24Vdc
LT1701 NV

■	0 - CRI 80 1 - CRI >90
■	F - 2700K 5 - 3000K 9 - 4000K
■	S - 13° M - 22° F - 30° P - 35° sharp L - 48° D - diffuse

224 lm (3000K, 3.5W, CRI 80)

188 lm (3000K, 22°, 3.5W, CRI 80)

1 power LED
1/4 ANSI BIN, 50000h L90 B10 (Ta 25°C)

body in black-anodized anticorrosion aluminium
screen in tempered, serigraphed-grey and
transparent extra-clear glass

not included, see p. 93

includes 1.5 m neoprene cable
H05RN-F 2x0.75/0.75 Ø6.3 mm

parallel

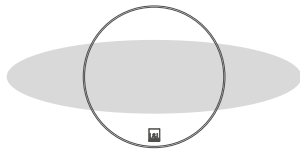
recessed (ceiling, wall, ground)

see p. 92

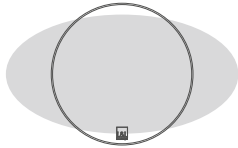
version with screen in serigraphed-white
glass available on request

see p. 783

LITUS 2



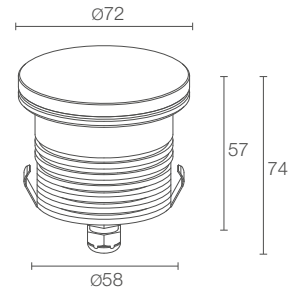
13°x52° optics



21°x42° optics



LITUS 2.4



Ø 150 mm
H 160 mm

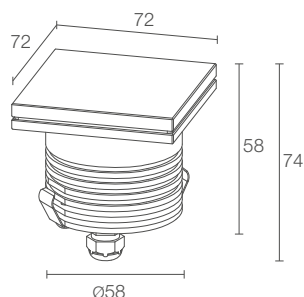


✓
LITUS 2.4
3000K, 7W, 61° sharp
with anti-glare screen

POWER SUPPLY CODE	24Vdc white light LT240 ■ ■ ■ ■ ■ NV max 7W max 700mA RGB light LT2432 6 ■ ■ NV
POWER	0 - 3.5W only 5° optics (4000K only CRI 80) 1 - 5W 2 - 7W
CRI	0 - CRI 80 1 - CRI >90
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	U - 5° only 3.5W (4000K only CRI 80) V - 8° T - 11° S - 17° P - 21° sharp M - 34° L - 45° Q - 61° sharp W - 13°x52° D - diffuse RGB: S - 20° M - 34° L - 45° W - 21°x42°
LUMEN OUTPUT AT SOURCE	488 lm (3000K, 5W, CRI 80) 657 lm (3000K, 7W, CRI 80) RGB: 311 lm, R: 108 lm G: 133 lm B: 70 lm (700mA)
DELIVERED LUMEN OUTPUT	352 lm (3000K, 34°, 5W, CRI 80) 463 lm (3000K, 34°, 7W, CRI 80) RGB: 253 lm, R: 98 lm G: 114 lm B: 41 lm (700mA, 34°)
NO. AND TYPE OF LED	1 high intensity power LED, 3-step MacAdam RGB: 3 power LEDs 50000h L90 B10 (Ta 25°C)
MATERIAL	body in black-anodized anticorodal aluminium screen in tempered, serigraphed-grey and transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 93
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm RGB: includes 1.5 m FEP+RUB cable (equivalent to H05RN-F) 6x0.50/0.50 Ø6.3 mm
WIRING	parallel RGB: series
MOUNTING	recessed (ceiling, wall, ground)
ACCESSORIES	see p. 92
NOTES	version with screen in serigraphed-white glass available on request
PHOTOMETRIC DATA	see p. 784

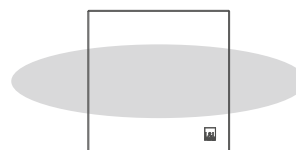


LITUS 2.5

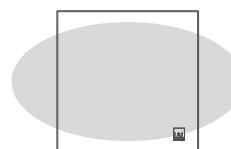


Ø 150 mm
H 160 mm

74x74 mm



13°x52° optics



21°x42° optics



Installation flush
with ground

24Vdc white light

LT250 ■ ■ ■ ■ ■ **NV**

max 7W max 700mA RGB light

LT2532 6 ■ ■ **NV**

■	0 - 3.5W only 5° optics (4000K only CRI 80) 1 - 5W 2 - 7W	
■	0 - CRI 80 1 - CRI >90	
■	F - 2700K 5 - 3000K 9 - 4000K	
■	U - 5° only 3.5W (4000K only CRI 80) V - 8° T - 11° S - 17° P - 21° sharp M - 34° L - 45° Q - 61° sharp W - 13°x52° D - diffuse	RGB: S - 20° M - 34° L - 45° W - 21°x42°

488 lm (3000K, 5W, CRI 80)
657 lm (3000K, 7W, CRI 80)
RGB: 311 lm, R: 108 lm G: 133 lm B: 70 lm (700mA)

352 lm (3000K, 34°, 5W, CRI 80)
463 lm (3000K, 34°, 7W, CRI 80)
RGB: 253 lm, R: 98 lm G: 114 lm B: 41 lm (700mA, 34°)

1 high intensity power LED, 3-step MacAdam
RGB: 3 power LEDs
50000h L90 B10 (Ta 25°C)

body in black-anodized anticorodal aluminium
screen in tempered, serigraphed-grey and transparent
extra-clear glass

not included, see p. 93

includes 1.5 m neoprene cable
H05RN-F 2x0.75/0.75 Ø6.3 mm
RGB: includes 1.5 m FEP+RUB cable
(equivalent to H05RN-F) 6x0.50/0.50 Ø6.3 mm

parallel
RGB: series

recessed (ceiling, wall, ground)

see p. 92

version with screen in serigraphed-white
glass available on request

see p. 784

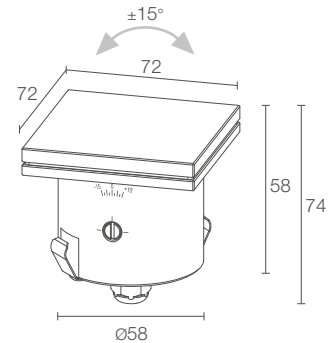
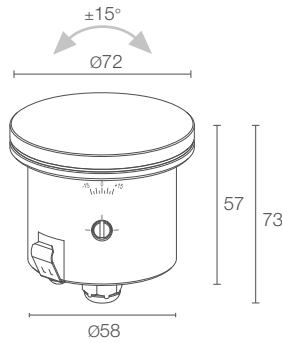
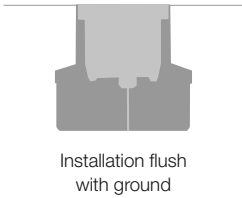
LITUS 2



LITUS 2.8



LITUS 2.9



Ø 150 mm
H 160 mm

CE LED TECH III kg 1000 kg 0.30 IP67 IK08
A A+ A++ IPS T max 40°C

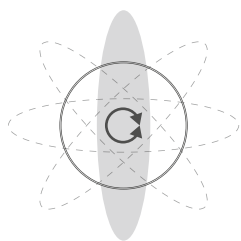
Ø 150 mm
H 160 mm 74x74 mm

CE LED TECH III kg 1000 kg 0.30 IP67 IK08
A A+ A++ IPS T max 40°C

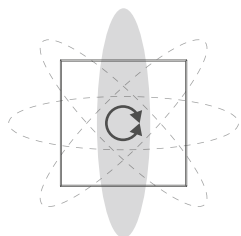
POWER / POWER SUPPLY CODE	2.5W 24Vdc LT2800 ■ ■ ■ NV 3.5W 24Vdc LT2801 ■ ■ ■ NV
CRI	0 - CRI 80 1 - CRI >90
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	S - 13° tiltable ±15° M - 22° tiltable ±15° F - 30° tiltable ±15° P - 35° sharp tiltable ±15° L - 48° tiltable ±15°
LUMEN OUTPUT AT SOURCE	224 lm (3000K, 3.5W, CRI 80)
DELIVERED LUMEN OUTPUT	188 lm (3000K, 22°, 3.5W, CRI 80)
NO. AND TYPE OF LED	1 power LED 1/4 ANSI BIN, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in black-anodized anticorrosion aluminium screen in tempered, serigraphed-grey and transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 93
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm
MOUNTING	recessed (ceiling, wall, ground)
ACCESSORIES	see p. 92
NOTES	version with screen in serigraphed-white glass available on request
PHOTOMETRIC DATA	see p. 783

POWER / POWER SUPPLY CODE	2.5W 24Vdc LT2900 ■ ■ ■ NV 3.5W 24Vdc LT2901 ■ ■ ■ NV
CRI	0 - CRI 80 1 - CRI >90
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	S - 13° tiltable ±15° M - 22° tiltable ±15° F - 30° tiltable ±15° P - 35° sharp tiltable ±15° L - 48° tiltable ±15°
LUMEN OUTPUT AT SOURCE	224 lm (3000K, 3.5W, CRI 80)
DELIVERED LUMEN OUTPUT	188 lm (3000K, 22°, 3.5W, CRI 80)
NO. AND TYPE OF LED	1 power LED 1/4 ANSI BIN, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in black-anodized anticorrosion aluminium screen in tempered, serigraphed-grey and transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 93
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm
MOUNTING	recessed (ceiling, wall, ground)
ACCESSORIES	see p. 92
NOTES	version with screen in serigraphed-white glass available on request
PHOTOMETRIC DATA	see p. 783

LITUS 5



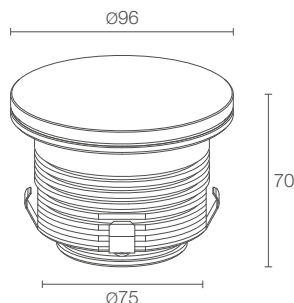
Adjustable
16°x69° optics



Installation flush
with ground



LITUS 5.4

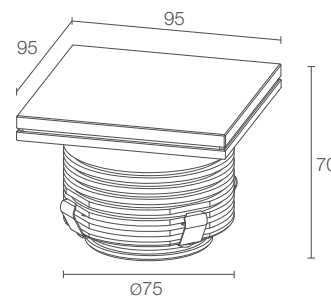


Ø 180 mm
H 180 mm

CE LED TECH I III kg 1000 kg 0.60 IP67 IK08
A A+ A++ IPS T max 40°C



LITUS 5.5



Ø 180 mm
H 180 mm

98x98 mm

CE LED TECH I III kg 1000 kg 0.70 IP67 IK08
A A+ A++ IPS T max 40°C

patented
elliptical optics,
adjusted manually
with magnet
(Litus 5.4 / 5.5)

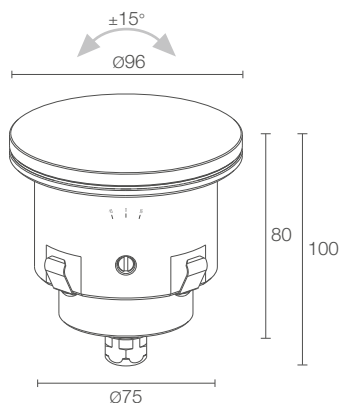
POWER / POWER SUPPLY CODE	10W 24Vdc LT5400 ■ ■ ■ NV 13W 24Vdc LT5401 ■ ■ ■ NV
CRI	0 - CRI 80 1 - CRI >90
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	S - 16° M - 21° L - 38° P - 58° sharp K - 55° W - 16°x69° adjustable D - diffuse 8° (only 10W) on request
LUMEN OUTPUT AT SOURCE	1115 lm (3000K, 10W, CRI 80) 1485 lm (3000K, 13W, CRI 80)
DELIVERED LUMEN OUTPUT	800 lm (3000K, 38°, 10W, CRI 80) 1065 lm (3000K, 38°, 13W, CRI 80)
NO. AND TYPE OF LED	1 high power density COB LED 2-step MacAdam, 50000h L95 B10 (Ta 25°C)
MATERIAL	body in black-anodized anticorrosional aluminium screen in tempered, serigraphed-grey and transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 93
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm
MOUNTING	recessed (ceiling, wall, ground)
ACCESSORIES	see p. 92
FEATURES	16°x69° optics adjustable through 360° using the magnet provided
NOTES	version with screen in serigraphed-white glass available on request
PHOTOMETRIC DATA	see p. 785

POWER / POWER SUPPLY CODE	10W 24Vdc LT5500 ■ ■ ■ NV 13W 24Vdc LT5501 ■ ■ ■ NV
CRI	0 - CRI 80 1 - CRI >90
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	S - 16° M - 21° L - 38° P - 58° sharp K - 55° W - 16°x69° adjustable D - diffuse 8° (only 10W) on request
LUMEN OUTPUT AT SOURCE	1115 lm (3000K, 10W, CRI 80) 1485 lm (3000K, 13W, CRI 80)
DELIVERED LUMEN OUTPUT	800 lm (3000K, 38°, 10W, CRI 80) 1065 lm (3000K, 38°, 13W, CRI 80)
NO. AND TYPE OF LED	1 high power density COB LED 2-step MacAdam, 50000h L95 B10 (Ta 25°C)
MATERIAL	body in black-anodized anticorrosional aluminium screen in tempered, serigraphed-grey and transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 93
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm
MOUNTING	recessed (ceiling, wall, ground)
ACCESSORIES	see p. 92
FEATURES	16°x69° optics adjustable through 360° using the magnet provided
NOTES	version with screen in serigraphed-white glass available on request
PHOTOMETRIC DATA	see p. 785

LITUS 5

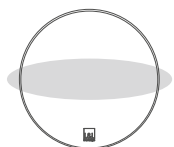


Installation flush with ground

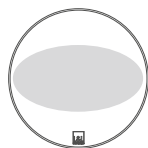


LITUS 5.6

Ø 150 mm
H 160 mm



13°x52° optics



21°x42° optics

POWER SUPPLY CODE

24Vdc white light
LT560

max 7W max 700mA RGB light
LT5632 6

POWER	0 - 3.5W only 5° optics (4000K only CRI 80) 1 - 5W 2 - 7W
CRI	0 - CRI 80 1 - CRI >90
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	U - 5° tilttable ±15° only 3.5W (4000K only CRI 80) V - 8° tilttable ±15° T - 11° tilttable ±15° S - 17° tilttable ±15° P - 21° sharp tilttable ±15° M - 34° tilttable ±15° L - 45° tilttable ±15° Q - 61° sharp tilttable ±15° W - 13°x52° tilttable ±15° RGB: S - 20° tilttable ±15° M - 34° tilttable ±15° L - 45° tilttable ±15° W - 21°x42° tilttable ±15°
LUMEN OUTPUT AT SOURCE	488 lm (3000K, 5W, CRI 80) 657 lm (3000K, 7W, CRI 80) RGB: 311 lm, R: 108 lm G: 133 lm B: 70 lm (700mA)
DELIVERED LUMEN OUTPUT	352 lm (3000K, 34°, 5W, CRI 80) 463 lm (3000K, 34°, 7W, CRI 80) RGB: 253 lm, R: 98 lm G: 114 lm B: 41 lm (700mA, 34°)
NO. AND TYPE OF LED	1 high intensity power LED, 3-step MacAdam RGB: 3 power LEDs 50000h L90 B10 (Ta 25°C)
MATERIAL	body in black-anodized anticorodal aluminium screen in tempered, serigraphed-grey and transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 93
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm RGB: includes 1.5 m FEP+RUB cable (equivalent to H05RN-F) 6x0.50/0.50 Ø6.3 mm
WIRING	parallel RGB: series
MOUNTING	recessed (ceiling, wall, ground)
ACCESSORIES	see p. 92
NOTES	version with screen in serigraphed-white glass available on request
PHOTOMETRIC DATA	see p. 784

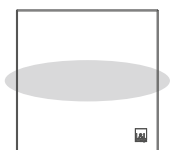
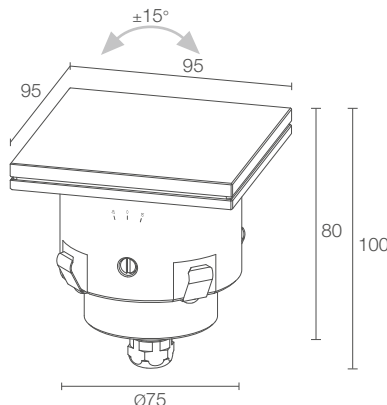




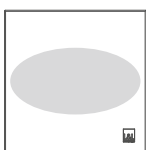
LITUS 5.7



Installation flush
with ground



13°x52° optics



21°x42° optics

POWER SUPPLY CODE	24Vdc white light LT570 ■ ■ ■ ■ ■ NV max 7W max 700mA RGB light LT5732 6 ■ ■ NV
POWER	0 - 3.5W only 5° optics (4000K only CRI 80) 1 - 5W 2 - 7W
CRI	0 - CRI 80 1 - CRI >90
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	U - 5° tiltable ±15° only 3.5W (4000K only CRI 80) V - 8° tiltable ±15° T - 11° tiltable ±15° S - 17° tiltable ±15° P - 21° sharp tiltable ±15° M - 34° tiltable ±15° L - 45° tiltable ±15° Q - 61° sharp tiltable ±15° W - 13°x52° tiltable ±15° RGB: S - 20° tiltable ±15° M - 34° tiltable ±15° L - 45° tiltable ±15° W - 21°x42° tiltable ±15°
LUMEN OUTPUT AT SOURCE	488 lm (3000K, 5W, CRI 80) 657 lm (3000K, 7W, CRI 80) RGB: 311 lm, R: 108 lm G: 133 lm B: 70 lm (700mA)
DELIVERED LUMEN OUTPUT	352 lm (3000K, 34°, 5W, CRI 80) 463 lm (3000K, 34°, 7W, CRI 80) RGB: 253 lm, R: 98 lm G: 114 lm B: 41 lm (700mA, 34°)
NO. AND TYPE OF LED	1 high intensity power LED, 3-step MacAdam RGB: 3 power LEDs 50000h L90 B10 (Ta 25°C)
MATERIAL	body in black-anodized anticorrosion aluminium screen in tempered, serigraphed-grey and transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 93
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm RGB: includes 1.5 m FEP+RUB cable (equivalent to H05RN-F) 6x0.50/0.50 Ø6.3 mm
WIRING	parallel RGB: series
MOUNTING	recessed (ceiling, wall, ground)
ACCESSORIES	see p. 92
NOTES	version with screen in serigraphed-white glass available on request
PHOTOMETRIC DATA	see p. 784

< LITUS 5.4
2700K, 10W, 16°, with honeycomb louvre

Light planning by / Susanna Antico Lighting Design Studio
Cascina Ranverso, Buttigliera Alta, Turin, Italy

LITUS

ACCESSORIES AND POWER SUPPLY UNITS

ANTI-GLARE ACCESSORIES



WH0100 (Litus 1.0 / 1.6)

WH0203 (Litus 2.4 / 2.5)

WH0204 (Litus 5.4 / 5.5)

WH0205 (Litus 5.6 / 5.7)

Honeycomb louvre
built into the lighting fixture

order together with the lighting fixture

the honeycomb louvre can be fitted:
_ on all optics except for sharp, diffuse
and 16°x69° adjustable optics

_ on 5° and 8° optics on request



WE0600S (Litus 1.0 / 1.6)

WE0601S (Litus 1.1 / 1.7)

WE0602S (Litus 2.4 / 2.8)

WE0603S (Litus 2.5 / 2.9)

WE0604S (Litus 5.4 / 5.6)

WE0605S (Litus 5.5 / 5.7)

Anti-glare screen, half transparent
and half serigraphed black
built into the lighting fixture

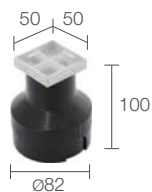
order together with the lighting fixture

the anti-glare screen can be fitted
on the versions with white LED colour
and on all optics except for the 48° optics

ACCESSORIES FOR INSTALLATION



WC4010
Outer casing
(Litus 1.0 / 1.6)



WC4011
Outer casing
(Litus 1.1 / 1.7)



WC4020
Outer casing
(Litus 2.4 / 2.8)



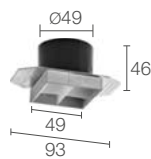
WC4021
Outer casing
(Litus 2.5 / 2.9)



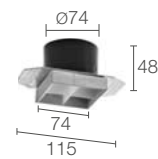
WC4050
Outer casing
(Litus 5.4 / 5.6)



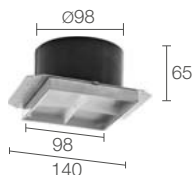
WC4051
Outer casing
(Litus 5.5 / 5.7)



WC4511
Outer casing for plasterboard
(Litus 1.1 / 1.7)



WC4521
Outer casing for plasterboard
(Litus 2.5 / 2.9)



WC4551
Outer casing for plasterboard
(Litus 5.5 / 5.7)



WL0100
Suction cup
(Litus 1.0 / 1.1 / 1.6 / 1.7 /
2.4 / 2.5 / 2.8 / 2.9)



WL0500
Suction cup
(Litus 5.4 / 5.5 / 5.6 / 5.7)

for spare parts, see p. 866

POWER CABLES

to order the power cable, add the suffix -1, -2, -3 or -4 to the code for the lighting fixture

- 1 length 5 m
- 2 length 10 m
- 3 length 15 m
- 4 length 20 m

white LED colour

Neoprene cables

H05RN-F 2x0.75/0.75 Ø6.3 mm IPS

RGB

FEP+RUB cables

(equivalent to H05RN-F)

6x0.50/0.50 Ø6.3 mm IPS

POWER SUPPLY UNITS Litus 1.0 / 1.1**350mA**

Max no. fixtures	PSU	IP	Page
1/3	A13350VL	20	845
1/15	ACUNI020T1	20	844 845
3/9	A19350QL	20	845
5/12	A312350QL	20	845
1/12 dimmer	ADUNITC	20	848 849 850
2/6	A16350IP67	67	845
5/12	A312350IP67	67	845

500mA

Max no. fixtures	PSU	IP	Page
1/3	A13500TC	20	845
1/10	ACUNI020T1	20	844 845
2/5	A15500QL	20	845
5/10	A310500QL	20	845
1/12 dimmer	ADUNITC	20	848 849 850
1/4	A14500IP67	67	845
5/10	A310500IP67	67	845

700mA

Max no. fixtures	PSU	IP	Page
1/3	A13700QL	20	845
1/7 dimmer	ADUNITC	20	848 849 850
1/7	ACUNI020T1	20	844 845
1/3	A13700IP67	67	845
1/9	A39700IP67	67	845

POWER SUPPLY UNITS Litus 1.6 / 1.7 / 2.8 / 2.9 / 5.4 / 5.5

Max no. fixtures	PSU	IP	Page
1...n	24Vdc	20	847
1...n	24Vdc	67	847

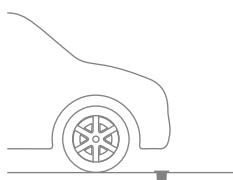
POWER SUPPLY UNITS Litus 2.4 / 2.5 / 5.6 / 5.7

Max no. fixtures	PSU	IP	Page
1...n	24Vdc	20	847
1...n	24Vdc	67	847
-	RGB controller	-	855 - 860



CORSO

OUTDOOR RECESSED



3000K 4000K



UP TO 3 m



UP TO 5 m



UP TO 7 m



UP TO 10 m

Ø85 mm



CORSO 1.0 p. 98
3.5W 110-230Vac

Ø112 mm



CORSO 2.0 p. 98
8W 110-230Vac

Ø148 mm



CORSO 3.0 p. 99
15W 230Vac

Ø200 mm



CORSO 4.0 p. 99
21W 230Vac



MAXIMUM RESISTANCE TO CORROSION

The technopolymer used for the fixture's body cannot be damaged by atmospheric agents and is the ideal choice for saline and high-corrosion environments. In addition, as it is a thermally conductive material, it is a highly efficient heat dissipater, so the power supply can be housed inside the body.

BUILT-IN PROTECTION SYSTEMS:



IPS INTELLIGENT PROTECTION SYSTEM



PID PROTECTIVE IMPEDANCE DEVICE



IP68 WATERTIGHT CONNECTOR:
THE 230VAC BUILT-IN POWER SUPPLY UNIT:
ALLOWS THE FIXTURE TO BE CONNECTED DIRECTLY TO THE NEOPRENE CABLE WITHOUT THE NEED FOR REMOTE DRIVERS

CORSO

UNIQUE SELLING POINTS



TRIM IN AISI 316L STAINLESS
STEEL MADE ENTIRELY
ON A CNC LATHE,
MICRO-BLASTED,
PASSIVATED AND
ELECTROPOLISHED,
THE BEST CORROSION
TREATMENT

SCREEN IN TEMPERED,
TRANSPARENT
EXTRA-CLEAR GLASS

IK08

DRIVE-OVER UP
TO 1000 KG

INGRESS PROTECTION
IP65
IP67

IP65
IP67



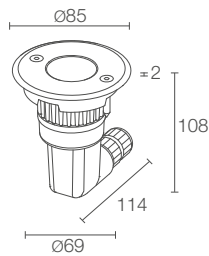
115

THE OUTER CASING'S LOW
HEIGHT MEANS IT CAN BE
INSTALLED IN REDUCED
THICKNESSES SUCH AS PAVEMENTS

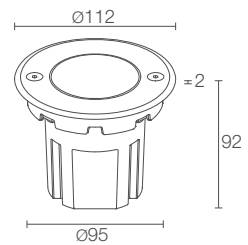
CORSO



CORSO 1.0



CORSO 2.0



kg 500
 kg 0.40
 IP65 IP67 IK08

 T max 50°C

POWER / POWER SUPPLY CODE	3.5W 110-230Vac CR10100000
LED COLOUR	5 - 3000K 9 - 4000K 2700K on request
OPTICS	S - 13° M - 28° L - 37°
LUMEN OUTPUT AT SOURCE	224 lm (3000K)
DELIVERED LUMEN OUTPUT	178 lm (3000K, 13°)
NO. AND TYPE OF LED	1 power LED 1/4 ANSI BIN, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in thermally conductive plastic trim in AISI 316L stainless steel screen in tempered, transparent extra-clear glass
POWER SUPPLY UNIT	built in
MOUNTING	recessed (ground)
ACCESSORIES	see p. 100
FEATURES	electrical wiring simplified by the ability to connect the electrical cables directly to the fixture
NOTES	
PHOTOMETRIC DATA	see p. 751

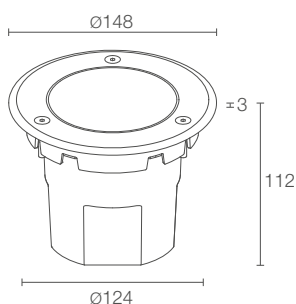
kg 500
 kg 0.70
 IP65 IP67 IK08

 T max 50°C

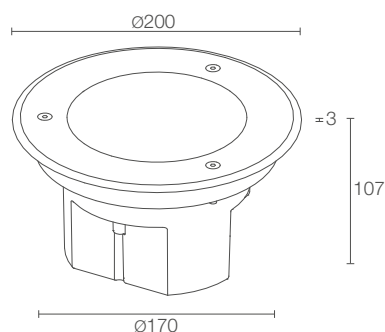
POWER / POWER SUPPLY CODE	8W 110-230Vac CR20100000
LED COLOUR	5 - 3000K 9 - 4000K 2700K on request
OPTICS	S - 12° M - 36° L - 70°
LUMEN OUTPUT AT SOURCE	657 lm (3000K)
DELIVERED LUMEN OUTPUT	504 lm (3000K, 36°)
NO. AND TYPE OF LED	1 high intensity power LED 3-step MacAdam, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in thermally conductive plastic trim in AISI 316L stainless steel screen in tempered, serigraphed-grey and transparent extra-clear glass
POWER SUPPLY UNIT	built in
MOUNTING	recessed (ground)
ACCESSORIES	see p. 100
FEATURES	electrical wiring simplified by the ability to connect the electrical cables directly to the fixture
NOTES	
PHOTOMETRIC DATA	see p. 751



CORSO 3.0



CORSO 4.0



kg 1.000
 kg 1.30
 IP65 IP67 IK08

 T max 50°C

15W 230Vac
CR30100000 ■ 0 ■ I

■	5 - 3000K 9 - 4000K 2700K on request
■	S - 13° M - 40° L - 58°

1360 lm (3000K)

1112 lm (3000K, 40°)

1 high power density COB LED
3-step MacAdam, 50000h L95 B10 (Ta 25°C)

body in thermally conductive plastic
trim in AISI 316L stainless steel
screen in tempered, serigraphed-grey and
transparent extra-clear glass

built in

recessed (ground)

see p. 100

electrical wiring simplified by the ability to connect
the electrical cables directly to the fixture

see p. 752

kg 1.000
 kg 1.75
 IP65 IP67 IK08

 T max 50°C

21W 230Vac
CR40100000 ■ 0 ■ I

■	5 - 3000K 9 - 4000K 2700K on request
■	S - 13° M - 38° L - 71°

2200 lm (3000K)

1740 lm (3000K, 13°)

1 high power density COB LED
3-step MacAdam, 50000h L90 B10 (Ta 25°C)

body in thermally conductive plastic
trim in AISI 316L stainless steel
screen in tempered, serigraphed-grey and
transparent extra-clear glass

built in

recessed (ground)

see p. 100

electrical wiring simplified by the ability to connect
the electrical cables directly to the fixture

versions with DALI and in/out connection
available on request

see p. 752

CORSO

ACCESSORIES

ACCESSORIES FOR INSTALLATION



WCA04
Outer casing
(Corso 1.0)



WC0105
Outer casing
(Corso 2.0)



WC0601
Outer casing
(Corso 3.0)



WC0701
Outer casing
(Corso 3.0)



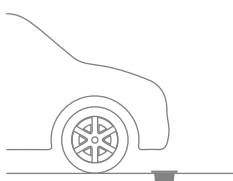
WCA03
Outer casing
(Corso 4.0)



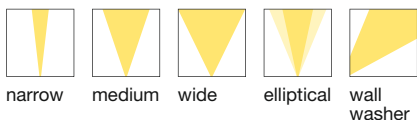


STRA

OUTDOOR RECESSED UPLIGHTS
ARCHITECTURAL LIGHTING FOR LARGE BUILDINGS



FIXED OPTICS

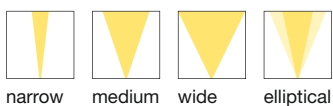


STRA 1.0 p. 106
37W 230Vac



STRA 5.0 p. 109
39W 24Vdc

ADJUSTABLE OPTICS



STRA 2.0 p. 106
1 set of optics
25W 230Vac



STRA 3.0 p. 107
2 sets of optics
25W 230Vac



STRA 4.0 p. 107
25W 230Vac



STRA 1.0:
66°x11° OPTICS
ADJUSTABLE THROUGH
360° USING MAGNET
INCLUDED
(PATENTED)



TRIM IN AISI 316L STAINLESS STEEL,
PRODUCED ENTIRELY
ON A CNC LATHE,
MICROBLASTED, PASSIVATED
AND ELECTROPOLISHED.
THE BEST CORROSION
TREATMENT



BUILT-IN
PROTECTION
SYSTEMS:



IPS
INTELLIGENT PROTECTION SYSTEM



PID
PROTECTIVE IMPEDANCE DEVICE

SPD
SURGE PROTECTION DEVICE



6-STEP MATERIAL PROTECTION,
AND OXIDATION AND
CORROSION RESISTANCE

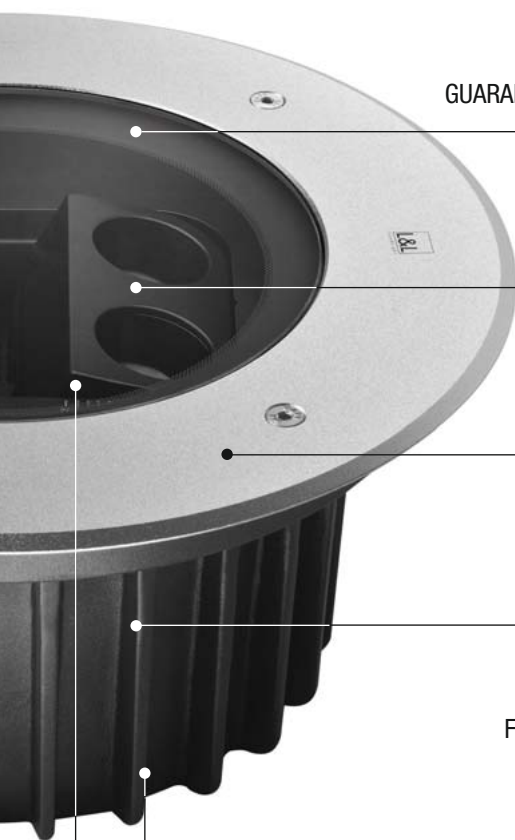
EN AB 47100 low-copper-content aluminium alloy
Preparation for painting with ALODINE NT-E® coating
Epoxy paint
Polyester paint
Paints compliant with Qualicoat automotive coating standard
Salt spray tested (over 1500 hours)



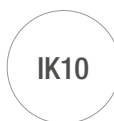
INFRARED REMOTE CONTROL
TO REMOTELY ADJUST THE
LIGHT BEAM BY $\pm 10^\circ$ (STRA 4.0)

STRA

UNIQUE SELLING POINTS



TEMPERED, TRANSPARENT EXTRA-CLEAR GLASS WITH VITRIFIED SERIGRAPHY, HIGH TRANSMITTANCE TO ENSURE CHROMATIC UNIFORMITY. THE GLASS'S THICKNESS OF 15 MM GUARANTEES MAXIMUM IMPACT RESISTANCE



CRI 80 AND CRI >90 VERSIONS



DRIVE-OVER UP TO 5000 KG



IP67
IP68
WITH PURPOSE-BUILT OUTER CASING



IP68 STAINLESS STEEL OUTER CASING FOR INSTALLATION WITHOUT DRAINAGE



IP69K
RESISTANT TO CLEANING WITH HIGH-PRESSURE, HIGH-TEMPERATURE SPRAY-DOWNS (ISO 20653 COMPLIANT)



ANTI-GLARE
RECESSED OPTICS

WALL
WASHER OPTICS
(STRA 1.0)

TWO INDEPENDENT
OPTICAL GROUPS
(STRA 3.0)



STRA 1.0

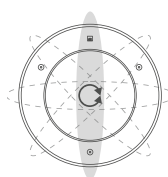


STRA 3.0



PROJECTOR VERSION:
STRA P, P. 236

STRA



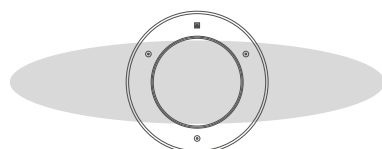
Adjustable 66°x11° optics
(Stra 1.0)



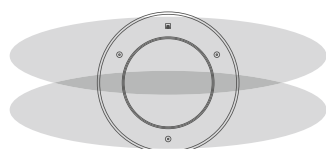
STRA 1.0



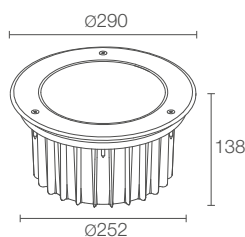
STRA 2.0



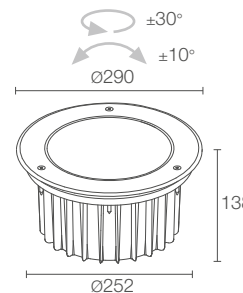
10°x45° optics
(Stra 1.0 / 2.0 / 4.0)



10°x45° optics
(Stra 3.0)



elliptical optics,
adjusted manually
with magnet



Ø 660 mm
H 265 mm
kg 5000
kg 5.00
IP67 IP68 IP69K IK10
with purpose-built
outer casing
A A+ A++ IPS PID SPD T max 50°C

Ø 660 mm
H 265 mm
kg 5000
kg 5.00
IP67 IP68 IP69K IK10
with purpose-built
outer casing
A A+ A++ IPS PID SPD T max 50°C

POWER / POWER SUPPLY CODE	37W 230Vac CS1010 ■ ■ ■ ■ I Micro-blasted stainless steel 37W 230Vac 1-10V CS1010 ■ ■ ■ ■ IR Micro-blasted stainless steel
CRI	0 - CRI 80 1 - CRI >90
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	V - 11° S - 14° M - 30° L - 37° W - 10°x45° X - 66°x11° adjustable H - wall washer
LUMEN OUTPUT AT SOURCE	3402 lm (3000K, CRI 80)
DELIVERED LUMEN OUTPUT	2024 lm (3000K, 30°, CRI 80) 2205 lm (3000K, 66°x11°, CRI 80)
NO. AND TYPE OF LED	4 high intensity power LEDs 3-step MacAdam, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in die-cast aluminium trim in AISI 316L stainless steel screen in serigraphed, tempered, transparent extra-clear glass
POWER SUPPLY UNIT	built in
POWER CABLES	includes 1.5 m neoprene cable H07RN-F 3x1.00 Ø9.3 mm
MOUNTING	recessed (ground)
ACCESSORIES	see p. 110
FEATURES	66°x11° optics adjustable through 360° using the magnet provided
NOTES	not suitable for use in swimming pools or fountains projector version: Stra P 1.0, p. 237 DALI version available on request
PHOTOMETRIC DATA	see p. 824

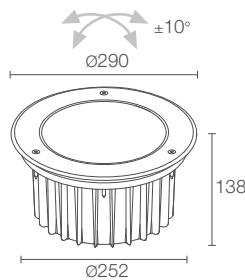
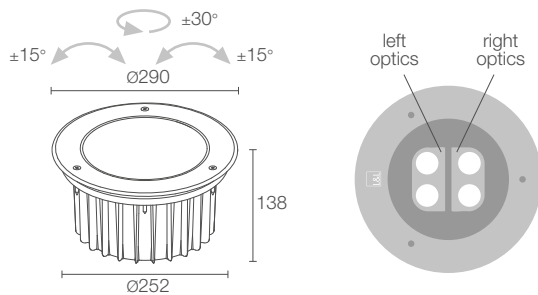
POWER / POWER SUPPLY CODE	25W 230Vac CS2010 ■ ■ ■ ■ I Micro-blasted stainless steel
CRI	0 - CRI 80 1 - CRI >90
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	V - 11° adjustable S - 14° adjustable M - 30° adjustable L - 37° adjustable W - 10°x45° adjustable
LUMEN OUTPUT AT SOURCE	2322 lm (3000K, CRI 80)
DELIVERED LUMEN OUTPUT	1350 lm (3000K, 30°, CRI 80)
NO. AND TYPE OF LED	4 high intensity power LEDs 3-step MacAdam, 50000h L85 B10 (Ta 25°C)
MATERIAL	body in die-cast aluminium trim in AISI 316L stainless steel screen in serigraphed, tempered, transparent extra-clear glass
POWER SUPPLY UNIT	built in
POWER CABLES	includes 1.5 m neoprene cable H07RN-F 3x1.00 Ø9.3 mm
MOUNTING	recessed (ground)
ACCESSORIES	see p. 110
FEATURES	manually adjustable optics: ±10° on z-axis, ±30° on x-axis
NOTES	not suitable for use in swimming pools or fountains
PHOTOMETRIC DATA	see p. 825



STRA 3.0



STRA 4.0



patent
pending

Required
infrared
remote control,
not included

Ø 660 mm
 H 265 mm
 kg 5000
 kg 5.00
 IP67 IP68 IP69K IK10
with purpose-built outer casing
 A A+ A++
 IPS PID SPD T max 50°C

Ø 660 mm
 H 265 mm
 kg 5000
 kg 5.00
 IP67 IP68 IP69K IK10
with purpose-built outer casing
 A A+ A++
 IPS PID SPD T max 50°C

25W 230Vac

CS3010 Micro-blasted stainless steel

25W 230Vac

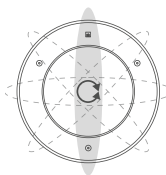
CS4010 Micro-blasted stainless steel

	0 - CRI 80 1 - CRI >90												
	F - 2700K 5 - 3000K 9 - 4000K												
	<table border="0"> <tr> <td>left optics:</td> <td>right optics:</td> </tr> <tr> <td>V - 11° adjustable</td> <td>V - 11° adjustable</td> </tr> <tr> <td>S - 14° adjustable</td> <td>S - 14° adjustable</td> </tr> <tr> <td>M - 30° adjustable</td> <td>M - 30° adjustable</td> </tr> <tr> <td>L - 37° adjustable</td> <td>L - 37° adjustable</td> </tr> <tr> <td>W - 10°x45° adjustable</td> <td>W - 10°x45° adjustable</td> </tr> </table>	left optics:	right optics:	V - 11° adjustable	V - 11° adjustable	S - 14° adjustable	S - 14° adjustable	M - 30° adjustable	M - 30° adjustable	L - 37° adjustable	L - 37° adjustable	W - 10°x45° adjustable	W - 10°x45° adjustable
left optics:	right optics:												
V - 11° adjustable	V - 11° adjustable												
S - 14° adjustable	S - 14° adjustable												
M - 30° adjustable	M - 30° adjustable												
L - 37° adjustable	L - 37° adjustable												
W - 10°x45° adjustable	W - 10°x45° adjustable												
	2411 lm (3000K, CRI 80)												
	1395 lm (3000K, 30°, CRI 80)												
	4 high intensity power LEDs 3-step MacAdam, 50000h L85 B10 (Ta 25°C)												
	body in die-cast aluminium trim in AISI 316L stainless steel screen in serigraphed, tempered, transparent extra-clear glass												
	built in												
	includes 1.5 m neoprene cable H07RN-F 3x1.00 Ø9.3 mm												
	recessed (ground)												
	see p. 110												
	2 optical groups, adjustable manually and singly: ±15° on the z axis, ±30° on the x axis												
	not suitable for use in swimming pools or fountains												
	see p. 825												

	0 - CRI 80 1 - CRI >90				
	F - 2700K 5 - 3000K 9 - 4000K				
	<table border="0"> <tr> <td>S - 14° adjustable</td> </tr> <tr> <td>M - 30° adjustable</td> </tr> <tr> <td>L - 37° adjustable</td> </tr> <tr> <td>W - 10°x45° adjustable</td> </tr> </table>	S - 14° adjustable	M - 30° adjustable	L - 37° adjustable	W - 10°x45° adjustable
S - 14° adjustable					
M - 30° adjustable					
L - 37° adjustable					
W - 10°x45° adjustable					
	2411 lm (3000K, CRI 80)				
	1395 lm (3000K, 30°, CRI 80)				
	4 high intensity power LEDs 3-step MacAdam, 50000h L85 B10 (Ta 25°C)				
	body in die-cast aluminium trim in AISI 316L stainless steel screen in serigraphed, tempered, transparent extra-clear glass				
	built in				
	includes 1.5 m neoprene cable H07RN-F 3x1.00 Ø9.3 mm				
	recessed (ground)				
	see p. 110				
	motorized adjustable optics: ±10° in every direction				
	not suitable for use in swimming pools or fountains				
	see p. 825				



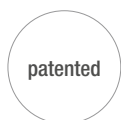
STRA



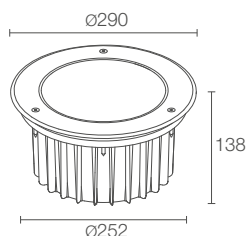
Adjustable 66°x11° optics



STRA 5.0



elliptical optics,
adjusted manually
with magnet



Ø 660 mm
H 265 mm

Ø 210 mm

IP67 IP68 IP69K IK10
with purpose-built outer casing

POWER / POWER SUPPLY CODE	39W 24Vdc CS5000 7 ■ H Micro-blasted stainless steel
OPTICS	S - 24° M - 33° L - 60° W - 32°x61° X - 66°x11° adjustable H - wall washer
LED COLOUR	RGBW
LUMEN OUTPUT AT SOURCE	2048 lm, R: 352 lm G: 640 lm B: 208 lm W: 848 lm (4000K)
DELIVERED LUMEN OUTPUT	1216 lm, R: 209 lm G: 380 lm B: 123 lm W: 504 lm (4000K, 33°)
NO. AND TYPE OF LED	4 RGBW power LED groups 50000h L85 B10 (Ta 25°C)
MATERIAL	body in die-cast aluminium trim in AISI 316L stainless steel screen in serigraphed, tempered, transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 110
POWER CABLES	includes 1.5 m FEP+RUB cable (equivalent to H05RN-F) 6x0.50/0.50 Ø6.3 mm
MOUNTING	recessed (ground)
ACCESSORIES	see p. 110
FEATURES	66°x11° optics adjustable through 360° using the magnet provided
NOTES	not suitable for use in swimming pools or fountains projector version: Stra P 5.0, p. 238
PHOTOMETRIC DATA	see p. 826

STRA

ACCESSORIES AND POWER SUPPLY UNITS

ANTI-GLARE ACCESSORIES



WH0610

Honeycomb louvre built into the lighting fixture

order together with the lighting fixture

the honeycomb louvre can be fitted on all optics except for 66°x11° and wall washer optics

ACCESSORIES FOR INSTALLATION



WC5610

Stainless steel outer casing (Stra IP67)



WC5611

Stainless steel outer casing (Stra IP68)

WE0202

Tamper-resistant screw kit

WE0203

Screwdriver for tamper-resistant screws

TLC07

Infrared remote control (Stra 4.0)

for spare parts, see p. 866

POWER SUPPLY UNITS Stra 5.0

Max no. fixtures	PSU	IP	Page
1...n	24Vdc	20	847
1...n	24Vdc	67	847
-	RGBW controller	-	855 - 860

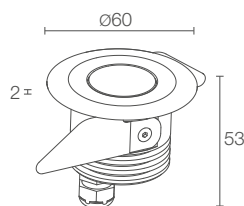




BEAM



BEAM 1.0



Ø 80 mm
H 100 mm

Ø 45 mm



POWER / POWER SUPPLY CODE	max 3W max 700mA blue/white light CD1013 ■ A I Stainless steel CD1013 ■ A F Grey max 3W max 350mA RGB light CD1011 6 ■ A I Stainless steel CD1011 6 ■ A F Grey										
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue										
OPTICS	<table border="0"> <tr> <td>S - 8°</td> <td>RGB:</td> </tr> <tr> <td>M - 26°</td> <td>S - 19°</td> </tr> <tr> <td>L - 44°</td> <td>M - 30°</td> </tr> <tr> <td>D - diffuse</td> <td>L - 37°</td> </tr> <tr> <td></td> <td>D - diffuse</td> </tr> </table>	S - 8°	RGB:	M - 26°	S - 19°	L - 44°	M - 30°	D - diffuse	L - 37°		D - diffuse
S - 8°	RGB:										
M - 26°	S - 19°										
L - 44°	M - 30°										
D - diffuse	L - 37°										
	D - diffuse										
LUMEN OUTPUT AT SOURCE	184 lm (3000K, 700mA) RGB: 217 lm, R: 80 lm G: 104 lm B: 33 lm (350mA)										
DELIVERED LUMEN OUTPUT	114 lm (3000K, 700mA, 26°) RGB: 154 lm, R: 57 lm G: 74 lm B: 23 lm (350mA, 19°)										
NO. AND TYPE OF LED	1 power LED, 1/4 ANSI BIN (white LED colour) RGB: 3 full-colour LEDs 50000h L80 B10 (Ta 25°C)										
MATERIAL	body in anodized aluminium trim in AISI 316L stainless steel or aluminium screen in transparent extra-clear glass (optics version) screen in sandblasted extra-clear glass (diffuse version)										
POWER SUPPLY UNIT	not included, see p. 114 and 844										
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 2x0.35/0.75 Ø6.3 mm RGB: includes 1.5 m FEP+RUB cable (equivalent to H05RN-F) 6x0.50/0.50 Ø6.3 mm										
WIRING	series										
MOUNTING	recessed (ceiling, wall, ground)										
ACCESSORIES	see p. 114										
NOTES	version with 24Vdc power supply available on request										
PHOTOMETRIC DATA	see p. 725										

< **BEAM 1.0**
RGB, 3W, 30°, stainless steel

Project and light planning by / DVDV Studio Architetti
Photo by / Alessio Tamborini
Private residence, Milan, Italy

BEAM

ACCESSORIES AND POWER SUPPLY UNITS

ACCESSORIES FOR INSTALLATION



WC1501

Outer casing for solid walls

POWER CABLES

to order the power cable, add the suffix -1, -2, -3 or -4 to the code for the lighting fixture

- 1 length 5 m
- 2 length 10 m
- 3 length 15 m
- 4 length 20 m

white LED colour

Neoprene cables

H05RN-F 2x0.35/0.75 Ø6.3 mm IPS

RGB

FEP+RUB cables

(equivalent to H05RN-F)

6x0.50/0.50 Ø6.3 mm IPS

POWER SUPPLY UNITS

350mA

Max no. fixtures	PSU	IP	Page
1/3	A13350VL	20	845
1/15	ACUNI020T1	20	844 845
3/9	A19350QL	20	845
5/12	A312350QL	20	845
1/12 dimmer	ADUNITC	20	848 849 850
2/6	A16350IP67	67	845
5/12	A312350IP67	67	845
-	RGB controller	-	855 - 860

500mA

Max no. fixtures	PSU	IP	Page
1/3	A13500TC	20	845
1/10	ACUNI020T1	20	844 845
2/5	A15500QL	20	845
5/10	A310500QL	20	845
1/12 dimmer	ADUNITC	20	848 849 850
1/4	A14500IP67	67	845
5/10	A310500IP67	67	845

700mA

Max no. fixtures	PSU	IP	Page
1/3	A13700QL	20	845
1/7 dimmer	ADUNITC	20	848 849 850
1/7	ACUNI020T1	20	844 845
1/3	A13700IP67	67	845
1/9	A39700IP67	67	845

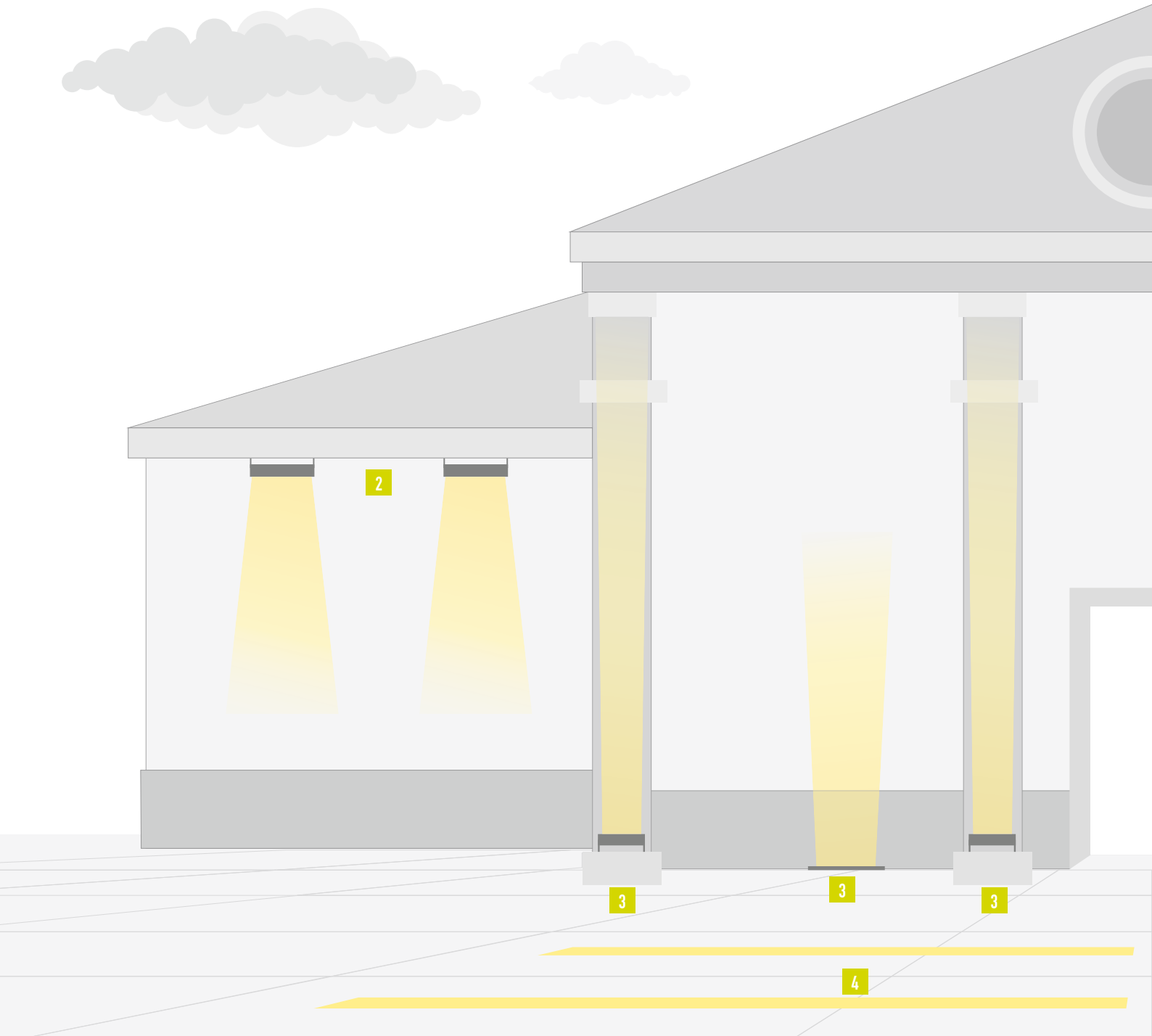
BEAM 1.0 >

3000K, 3W, 44°

customized version with white finish

Light planning by / Leumax Lighting solutions
Villa Elena, Poreč, Croatia





1 RIVER p. 120

2 RIVER WALL p. 121

LINEAR PROFILES

FOR OUTDOOR APPLICATIONS



3 NEVA p. 136

4 RIO p. 158



RIVER
see p. 120

MOUNTING	RECESSED	
	SURFACE MOUNTED WITH BRACKETS	
BEAM	DIFFUSE VERSION	
	OPTICS VERSION	
LIGHT COLOUR		 2700K 3000K 4000K 5000K blue RGBW
POWER SUPPLY	CONSTANT VOLTAGE power supply unit not included	48Vdc
	MAINS VOLTAGE built-in power supply unit	230Vac
CONTROL SYSTEM		DMX / RDM
PITCH		50
IP		IP67
APPLIANCE CLASS		



RIVER WALL
see p. 121



NEVA
see p. 136



RIO
see p. 158



2700K 3000K 4000K 5000K blue RGBW

2700K 3000K 4000K RGB RGBW DYNAMIC WHITE

2600K 2800K 3700K RGB

48Vdc

24Vdc

24Vdc

230Vac

230Vac

DMX / RDM

DMX / RDM / 0-10V

50

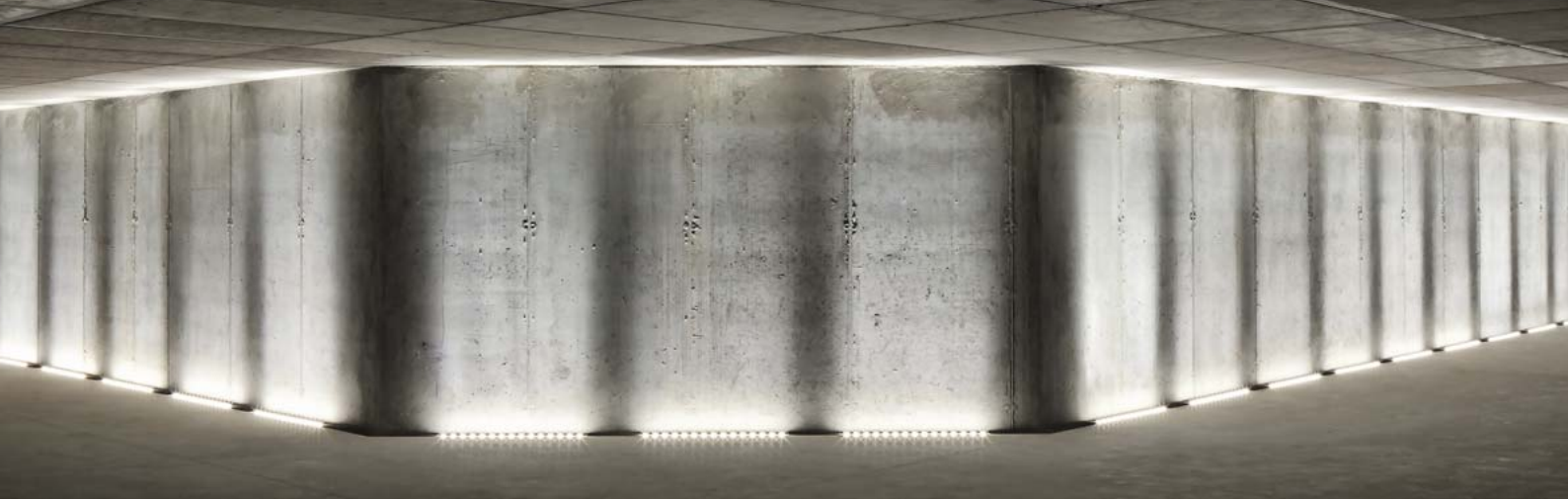
60 / 120

IP66

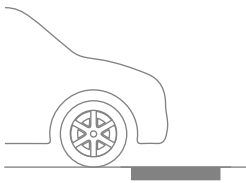
IP65 / IP67

IP67





^
RIVER WALL 2.0
 3000K, 40W, 11°, with brackets



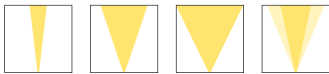
RECESSED INSTALLATION

500 mm

1000 mm

WITH OPTICS – PITCH 50 mm

2700K 3000K 4000K 5000K blue



narrow medium wide elliptical



RIVER 1.0 p. 122
 20W 230Vac



RIVER 2.0 p. 124
 40W 230Vac

WITH OPTICS – PITCH 50 mm

2700K 3000K 4000K 5000K blue



wall washer



RIVER 1.1 p. 123
 20W 230Vac



RIVER 2.1 p. 125
 40W 230Vac

WITH OPTICS – PITCH 50 mm



RGBW



narrow medium wide



RIVER 4.0 p. 127
 30W 48Vdc with DMX



RIVER 5.0 p. 127
 60W 48Vdc with DMX

DIFFUSE OPTICS

2700K 3000K 4000K



diffuse



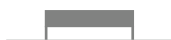
RIVER 1.2 p. 123
 10W 230Vac



RIVER 2.2 p. 125
 20W 230Vac

RIVER / RIVER WALL

OUTDOOR LINEAR PROFILES
LIGHTING WITH DIFFUSE LIGHT OR OPTICS FOR WALLS AND FACADES

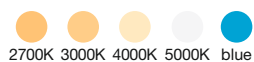


INSTALLATION ON BRACKETS

520 mm

1020 mm

WITH OPTICS – PITCH 50 mm



2700K 3000K 4000K 5000K blue



narrow



medium



wide



elliptical



RIVER WALL 1.0 p. 128
20W 230Vac



RIVER WALL 2.0 p. 130
40W 230Vac

WITH OPTICS – PITCH 50 mm



2700K 3000K 4000K 5000K blue



wall washer



RIVER WALL 1.1 p. 129
20W 230Vac



RIVER WALL 2.1 p. 131
40W 230Vac

WITH OPTICS – PITCH 50 mm



RGBW



narrow



medium



wide



RIVER WALL 4.0 p. 133
30W 48Vdc with DMX



RIVER WALL 5.0 p. 133
60W 48Vdc with DMX

DIFFUSE OPTICS



2700K 3000K 4000K



diffuse



RIVER WALL 1.2 p. 129
10W 230Vac

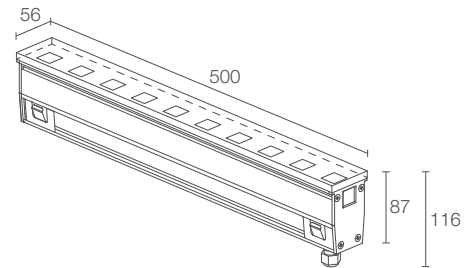


RIVER WALL 2.2 p. 131
20W 230Vac

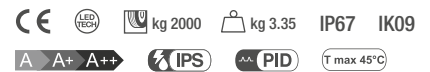
RIVER 1



RIVER 1.0



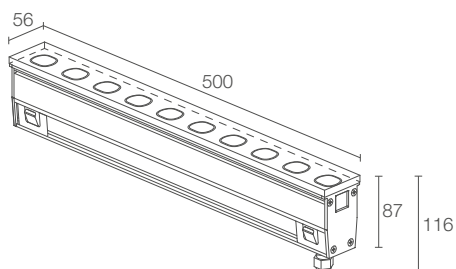
✓
RIVER 1.1
3000K, 20W



POWER / POWER SUPPLY CODE	20W 230Vac 500 mm pitch 50 RV1010 ■ ■ V
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue
OPTICS	S - 11° M - 30° L - 47° W - 10°x40°
LUMEN OUTPUT AT SOURCE	1450 lm (3000K)
DELIVERED LUMEN OUTPUT	1050 lm (3000K, 30°)
NO. AND TYPE OF LED	10 power LEDs pitch 50 mm 1/4 ANSI BIN (white LED colour) 50000h L90 B10 (Ta 25°C)
MATERIAL	body in anodized aluminium screen in tempered, transparent glass
POWER SUPPLY UNIT	built in
POWER CABLES	includes 1.5 m neoprene cable H07RN-F 3x1.00 Ø9.3 mm
MOUNTING	recessed (wall, ground)
ACCESSORIES	see p. 134
NOTES	DALI and 1-10V versions, and in/out connection, available on request
PHOTOMETRIC DATA	see p. 805



RIVER 1.1



CE LED TECH U kg 2000 kg 3.35 IP67 IK09
A A+ A++ IPS PID T max 45°C

20W 230Vac 500 mm pitch 50
RV1110 V1 V

F - 2700K
5 - 3000K
9 - 4000K
0 - 5000K
1 - blue

wall washer

1450 lm (3000K)

1049 lm (3000K)

10 power LEDs pitch 50 mm
1/4 ANSI BIN (white LED colour)
50000h L90 B10 (Ta 25°C)

body in anodized aluminium
screen in tempered, transparent glass

built in

includes 1.5 m neoprene cable
H07RN-F 3x1.00 Ø9.3 mm

recessed (wall, ground)

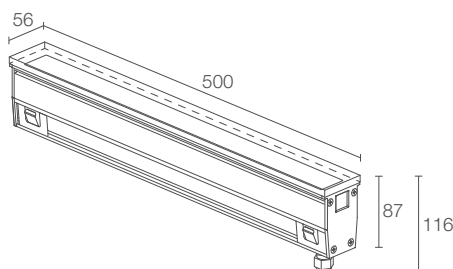
see p. 134

DALI and 1-10V versions, and in/out connection,
available on request

see p. 805



RIVER 1.2



CE LED TECH U kg 2000 kg 3.35 IP67 IK09
A A+ A++ IPS PID T max 45°C

10W 230Vac 500 mm
RV1210 D V

F - 2700K
5 - 3000K
9 - 4000K

diffuse

924 lm (3000K)

473 lm (3000K)

66 SMD mid-power LEDs
3-step MacAdam
50000h L90 B10 (Ta 25°C)

body in anodized aluminium
screen in acid-etched, tempered extra-clear glass

built in

includes 1.5 m neoprene cable
H07RN-F 3x1.00 Ø9.3 mm

recessed (wall, ground)

see p. 134

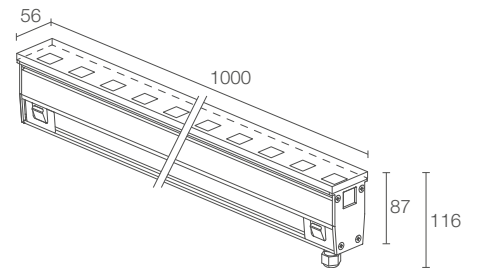
DALI and 1-10V versions, and in/out connection,
available on request

see p. 805

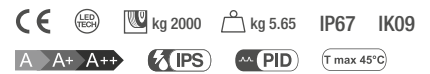
RIVER 2



RIVER 2.0



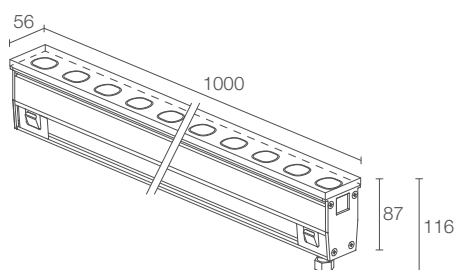
✓
RIVER 2.0
3000K, 40W, 30°



POWER / POWER SUPPLY CODE	40W 230Vac 1000 mm pitch 50 RV2010 ■ ■ V
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue
OPTICS	S - 11° M - 30° L - 47° W - 10°x40°
LUMEN OUTPUT AT SOURCE	2900 lm (3000K)
DELIVERED LUMEN OUTPUT	2100 lm (3000K, 30°)
NO. AND TYPE OF LED	20 power LEDs pitch 50 mm 1/4 ANSI BIN (white LED colour) 50000h L90 B10 (Ta 25°C)
MATERIAL	body in anodized aluminium screen in tempered, transparent glass
POWER SUPPLY UNIT	built in
POWER CABLES	includes 1.5 m neoprene cable H07RN-F 3x1.00 Ø9.3 mm
MOUNTING	recessed (wall, ground)
ACCESSORIES	see p. 134
NOTES	DALI and 1-10V versions, and in/out connection, available on request
PHOTOMETRIC DATA	see p. 805



RIVER 2.1



CE LED TECH U kg 2000 kg 5.65 IP67 IK09
A A+ A++ IPS PID T max 45°C

40W 230Vac 1000 mm pitch 50
RV2110 V1 V

F - 2700K
5 - 3000K
9 - 4000K
0 - 5000K
1 - blue

wall washer

2900 lm (3000K)

2098 lm (3000K)

20 power LEDs pitch 50 mm
1/4 ANSI BIN (white LED colour)
50000h L90 B10 (Ta 25°C)

body in anodized aluminium
screen in tempered, transparent glass

built in

includes 1.5 m neoprene cable
H07RN-F 3x1.00 Ø9.3 mm

recessed (wall, ground)

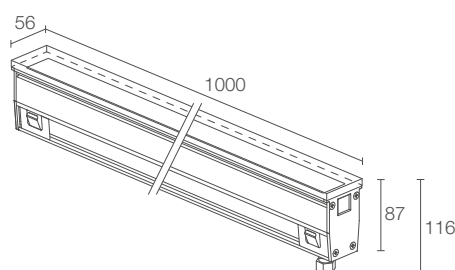
see p. 134

DALI and 1-10V versions, and in/out connection,
available on request

see p. 805



RIVER 2.2



CE LED TECH U kg 2000 kg 5.65 IP67 IK09
A A+ A++ IPS PID T max 45°C

20W 230Vac 1000 mm
RV2210 D V

F - 2700K
5 - 3000K
9 - 4000K

diffuse

1848 lm (3000K)

946 lm (3000K)

132 SMD mid-power LEDs
3-step MacAdam
50000h L90 B10 (Ta 25°C)

body in anodized aluminium
screen in acid-etched, tempered extra-clear glass

built in

includes 1.5 m neoprene cable
H07RN-F 3x1.00 Ø9.3 mm

recessed (wall, ground)

see p. 134

DALI and 1-10V versions, and in/out connection,
available on request

see p. 805

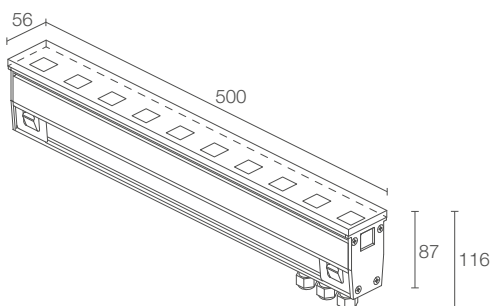


- < RIVER 1.0
4000K, 20W, 10°x40°
(installed in the ground)
 - RIVER 2.0
4000K, 40W, 47°
(mounted on the ceiling, customized version)
 - LYSS 1.0
4000K, 9W, satin 20°x180°, white
- Project by / arch. **Ciro Alfredo Matarante**
Castellano Gruppo Alimentare
Cerignola, Foggia, Italy

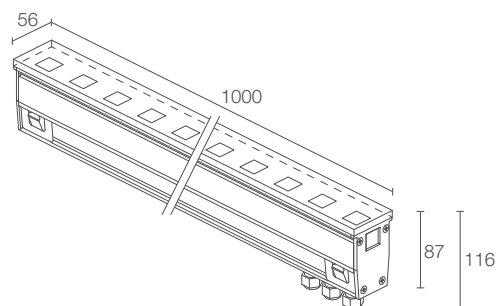
RIVER 4 / 5



RIVER 4.0



RIVER 5.0



POWER / POWER SUPPLY CODE	30W 48Vdc + DMX512 500 mm pitch 50 RV4000 7 ■ V
OPTICS	S - 13° M - 33° L - 47°
LED COLOUR	RGBW
LUMEN OUTPUT AT SOURCE	3234 lm, R: 658 lm G: 1022 lm B: 378 lm W: 1176 lm (4000K)
DELIVERED LUMEN OUTPUT	2310 lm, R: 470 lm G: 730 lm B: 270 lm W: 840 lm (4000K, 33°)
NO. AND TYPE OF LED	40 power LEDs (10 power LEDs 4000K, 30 power LEDs RGB) pitch 50 mm 50000h L90 B10 (Ta 25°C)
MATERIAL	body in anodized aluminium screen in tempered, transparent glass
POWER SUPPLY UNIT	not included, see p. 134
POWER CABLES	includes 1x1.5 m neoprene cable H07RN-F 2x1.00 Ø8.7 mm and 2x1.5 m neoprene cables 05RN-F 4x0.50 Ø5.8 mm
MOUNTING	recessed (wall, ground)
ACCESSORIES	see p. 134
PHOTOMETRIC DATA	see p. 805

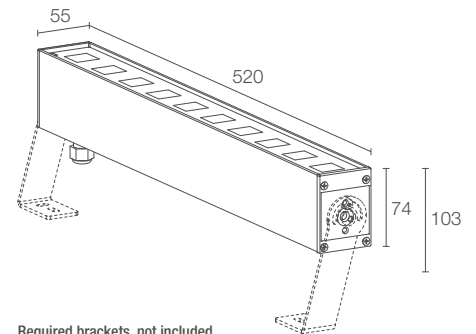


POWER / POWER SUPPLY CODE	60W 48Vdc + DMX512 1000 mm pitch 50 RV5000 7 ■ V
OPTICS	S - 13° M - 33° L - 47°
LED COLOUR	RGBW
LUMEN OUTPUT AT SOURCE	6468 lm, R: 1316 lm G: 2044 lm B: 756 lm W: 2352 lm (4000K)
DELIVERED LUMEN OUTPUT	4620 lm, R: 940 lm G: 1460 lm B: 540 lm W: 1680 lm (4000K, 33°)
NO. AND TYPE OF LED	80 power LEDs (20 power LEDs 4000K, 60 power LEDs RGB) pitch 50 mm 50000h L90 B10 (Ta 25°C)
MATERIAL	body in anodized aluminium screen in tempered, transparent glass
POWER SUPPLY UNIT	not included, see p. 134
POWER CABLES	includes 1x1.5 m neoprene cable H07RN-F 2x1.00 Ø8.7 mm and 2x1.5 m neoprene cables 05RN-F 4x0.50 Ø5.8 mm
MOUNTING	recessed (wall, ground)
ACCESSORIES	see p. 134
PHOTOMETRIC DATA	see p. 805

RIVER WALL 1



RIVER WALL 1.0



Required brackets, not included



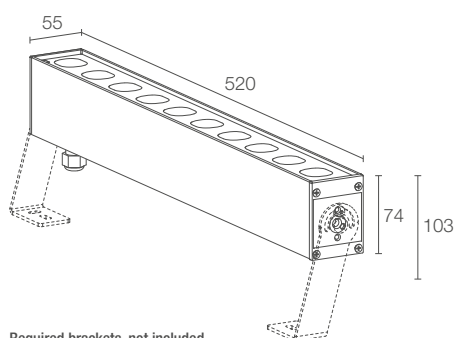
POWER / POWER SUPPLY CODE	20W 230Vac 520 mm pitch 50 RW1010 ■ ■ F Grey
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue
OPTICS	S - 11° M - 30° L - 47° W - 10°x40°
LUMEN OUTPUT AT SOURCE	1450 lm (3000K)
DELIVERED LUMEN OUTPUT	1050 lm (3000K, 30°)
NO. AND TYPE OF LED	10 power LEDs pitch 50 mm 1/4 ANSI BIN (white LED colour) 50000h L90 B10 (Ta 25°C)
MATERIAL	body in anodized aluminium screen in tempered, transparent glass
POWER SUPPLY UNIT	built in
POWER CABLES	includes 1.5 m neoprene cable H07RN-F 3x1.00 Ø9.3 mm
MOUNTING	surface mounted (ceiling, wall, ground) with brackets
ACCESSORIES	see p. 134
NOTES	DALI and 1-10V versions, and in/out connection, available on request
PHOTOMETRIC DATA	see p. 805

✓
RIVER WALL 1.0
3000K, 20W, 10°x40°, with brackets





RIVER WALL 1.1



Required brackets, not included



20W 230Vac 520 mm pitch 50
RW1110 V1 F Grey

F - 2700K
5 - 3000K
9 - 4000K
0 - 5000K
1 - blue

wall washer

1450 lm (3000K)

1049 lm (3000K)

10 power LEDs pitch 50 mm
1/4 ANSI BIN (white LED colour)
50000h L90 B10 (Ta 25°C)

body in anodized aluminium
screen in tempered, transparent glass

built in

includes 1.5 m neoprene cable
H07RN-F 3x1.00 Ø9.3 mm

surface mounted (ceiling, wall, ground) with brackets

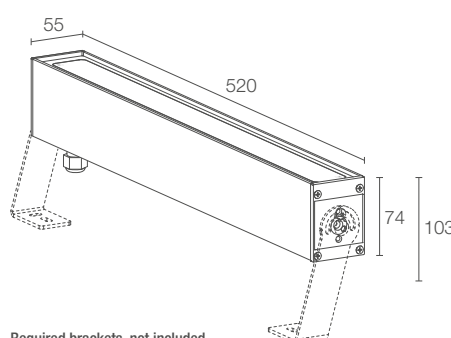
see p. 134

DALI and 1-10V versions, and in/out connection,
available on request

see p. 805



RIVER WALL 1.2



Required brackets, not included



10W 230Vac 520 mm
RW1210 D F Grey

F - 2700K
5 - 3000K
9 - 4000K

diffuse

924 lm (3000K)

473 lm (3000K)

66 SMD mid-power LEDs
3-step MacAdam
50000h L90 B10 (Ta 25°C)

body in anodized aluminium
screen in acid-etched, tempered extra-clear glass

built in

includes 1.5 m neoprene cable
H07RN-F 3x1.00 Ø9.3 mm

surface mounted (ceiling, wall, ground) with brackets

see p. 134

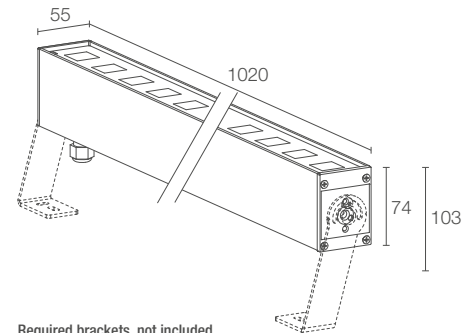
DALI and 1-10V versions, and in/out connection,
available on request

see p. 805

RIVER WALL 2



RIVER WALL 2.0



Required brackets, not included



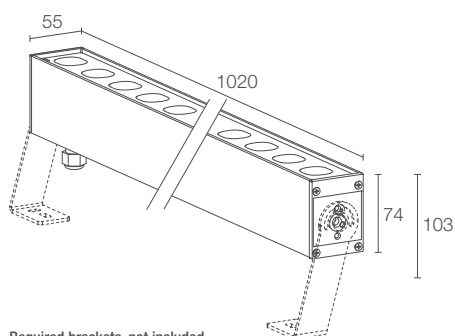
POWER / POWER SUPPLY CODE	40W 230Vac 1020 mm pitch 50 RW2010 ■ ■ ■ F Grey
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue
OPTICS	S - 11° M - 30° L - 47° W - 10°x40°
LUMEN OUTPUT AT SOURCE	2900 lm (3000K)
DELIVERED LUMEN OUTPUT	2100 lm (3000K, 30°)
NO. AND TYPE OF LED	20 power LEDs pitch 50 mm 1/4 ANSI BIN (white LED colour) 50000h L90 B10 (Ta 25°C)
MATERIAL	body in anodized aluminium screen in tempered, transparent glass
POWER SUPPLY UNIT	built in
POWER CABLES	includes 1.5 m neoprene cable H07RN-F 3x1.00 Ø9.3 mm
MOUNTING	surface mounted (ceiling, wall, ground) with brackets
ACCESSORIES	see p. 134
NOTES	DALI and 1-10V versions, and in/out connection, available on request
PHOTOMETRIC DATA	see p. 805



RIVER WALL 2.1



RIVER WALL 2.2



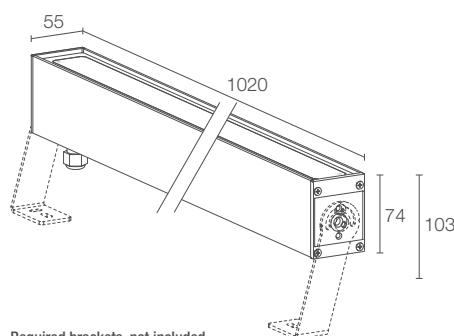
Required brackets, not included



40W 230Vac 1020 mm pitch 50
RW2110 V1 F Grey

<p> F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue </p>
--

wall washer



Required brackets, not included



20W 230Vac 1020 mm
RW2210 D F Grey

<p> F - 2700K 5 - 3000K 9 - 4000K </p>

diffuse

2900 lm (3000K)

2098 lm (3000K)

20 power LEDs pitch 50 mm
1/4 ANSI BIN (white LED colour)
50000h L90 B10 (Ta 25°C)

body in anodized aluminium
screen in tempered, transparent glass

built in

includes 1.5 m neoprene cable
H07RN-F 3x1.00 Ø9.3 mm

surface mounted (ceiling, wall, ground) with brackets

see p. 134

DALI and 1-10V versions, and in/out connection,
available on request

see p. 805

1848 lm (3000K)

946 lm (3000K)

132 SMD mid-power LEDs
3-step MacAdam
50000h L90 B10 (Ta 25°C)

body in anodized aluminium
screen in acid-etched, tempered extra-clear glass

built in

includes 1.5 m neoprene cable
H07RN-F 3x1.00 Ø9.3 mm

surface mounted (ceiling, wall, ground) with brackets

see p. 134

DALI and 1-10V versions, and in/out connection,
available on request

see p. 805



Î l e d e l a R é u n i o n

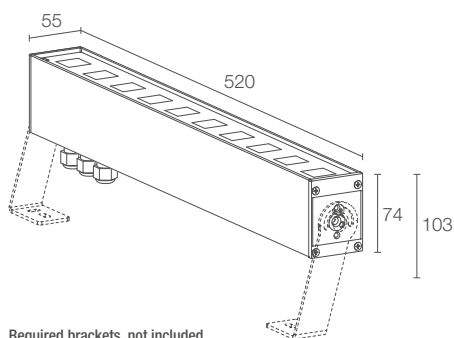
< RIVER WALL 5.0
RGBW, 60W, 33°, grey

Light planning by / Agence Stéphanie Daniel
Photo by / Michel Gantner
Antenne de Paris du Département
de La Réunion, Paris, France

RIVER WALL 4 / 5



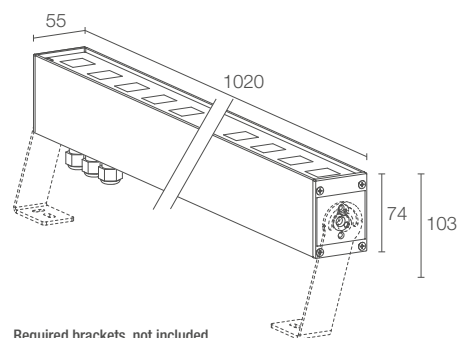
RIVER WALL 4.0



Required brackets, not included



RIVER WALL 5.0



Required brackets, not included

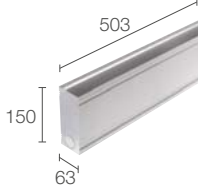
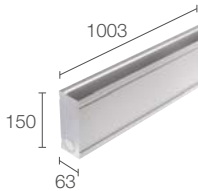


POWER / POWER SUPPLY CODE	30W 48Vdc + DMX512 520 mm pitch 50 RW4000 7 ■ F Grey
OPTICS	S - 13° M - 33° L - 47°
LED COLOUR	RGBW
LUMEN OUTPUT AT SOURCE	3234 lm, R: 658 lm G: 1022 lm B: 378 lm W: 1176 lm (4000K)
DELIVERED LUMEN OUTPUT	2310 lm, R: 470 lm G: 730 lm B: 270 lm W: 840 lm (4000K, 33°)
NO. AND TYPE OF LED	40 power LEDs (10 power LEDs 4000K, 30 power LEDs RGB) pitch 50 50000h L90 B10 (Ta 25°C)
MATERIAL	body in anodized aluminium screen in tempered, transparent glass
POWER SUPPLY UNIT	not included, see p. 134
POWER CABLES	includes 1x1.5 m neoprene cable H07RN-F 2x1.00 Ø8.7 mm and 2x1.5 m neoprene cables 05RN-F 4x0.50 Ø5.8 mm
MOUNTING	surface mounted (ceiling, wall, ground) with brackets
ACCESSORIES	see p. 134
PHOTOMETRIC DATA	see p. 805

POWER / POWER SUPPLY CODE	60W 48Vdc + DMX512 1020 mm pitch 50 RW5000 7 ■ F Grey
OPTICS	S - 13° M - 33° L - 47°
LED COLOUR	RGBW
LUMEN OUTPUT AT SOURCE	6468 lm, R: 1316 lm G: 2044 lm B: 756 lm W: 2352 lm (4000K)
DELIVERED LUMEN OUTPUT	4620 lm, R: 940 lm G: 1460 lm B: 540 lm W: 1680 lm (4000K, 33°)
NO. AND TYPE OF LED	80 power LEDs (20 power LEDs 4000K, 60 power LEDs RGB) pitch 50 50000h L90 B10 (Ta 25°C)
MATERIAL	body in anodized aluminium screen in tempered, transparent glass
POWER SUPPLY UNIT	not included, see p. 134
POWER CABLES	includes 1x1.5 m neoprene cable H07RN-F 2x1.00 Ø8.7 mm and 2x1.5 m neoprene cables 05RN-F 4x0.50 Ø5.8 mm
MOUNTING	surface mounted (ceiling, wall, ground) with brackets
ACCESSORIES	see p. 134
PHOTOMETRIC DATA	see p. 805

RIVER / RIVER WALL

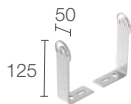
ACCESSORIES AND POWER SUPPLY UNITS

	RIVER 1.0	RIVER 1.1	RIVER 1.2	RIVER 2.0	RIVER 2.1	RIVER 2.2	RIVER 4.0	RIVER 5.0
ACCESSORIES FOR INSTALLATION								
 <p>Outer casing</p>	WC6050 503 mm	WC6050 503 mm	WC6050 503 mm				WC6050 503 mm	
 <p>Outer casing</p>				WC6100 1003 mm	WC6100 1003 mm	WC6100 1003 mm		WC6100 1003 mm

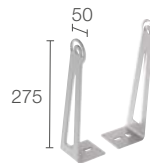
ACCESSORIES FOR INSTALLATION



WN6005
Alignment kit
for outer casings
(River)



WM0811
Pair of brackets h 125 mm
(River Wall)



WM0812
Pair of brackets h 275 mm
(River Wall)

POWER SUPPLY UNITS River 4.0 / 5.0; River Wall 4.0 / 5.0

Max no. fixtures	PSU	IP	Page
1...n	48Vdc + DMX controller	67	847 859 860

RIVER 1.0 / RIVER 2.0 >
3000K, 20W - 40W, 11°

Light planning by / Inelga
Pazo A Toxeiriña
Moranã, Pontevedra, Spain





^
NEVA 1.2
 2700K, 45W, 10°x40°
 with honeycomb louvre, customized version with CRI >90



2700K 3000K 4000K

PITCH 60 mm



2700K 3000K 4000K

PITCH 120 mm



2700K 3000K 4000K

PITCH 60 mm
BUILT-IN POWER SUPPLY UNIT

316 mm

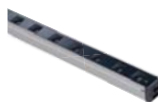


NEVA MINI 1 p. 140
 9W/13W 24Vdc



NEVA MINI 2 p. 142
 5.5W/7.5W 24Vdc

616 mm
677 mm



NEVA 1.0 p. 140
 18W/25W 24Vdc

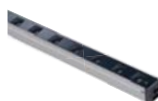


NEVA 2.0 p. 142
 11W/15W 24Vdc



NEVA 3.0 p. 144
 23W 230Vac
 0-10V, ON/OFF

916 mm
1037 mm



NEVA 1.1 p. 141
 27W/38W 24Vdc

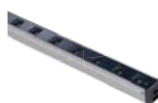


NEVA 2.1 p. 143
 16W/22W 24Vdc



NEVA 3.1 p. 145
 39W 230Vac
 0-10V, ON/OFF

1517 mm
1758 mm



NEVA 1.2 p. 141
 45W/63W 24Vdc



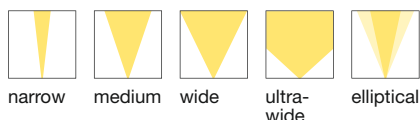
NEVA 2.2 p. 143
 27W/38W 24Vdc



NEVA 3.2 p. 145
 64W 230Vac
 ON/OFF

NEVA

OUTDOOR LINEAR PROFILES ARCHITECTURAL LIGHTING FOR WALLS AND FACADES



2700K 3000K 4000K

PITCH 120 mm
BUILT-IN POWER SUPPLY UNIT



RGB

PITCH 120 mm



DYNAMIC WHITE

PITCH 120 mm



RGBW

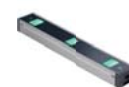
PITCH 120 mm



NEVA MINI 5 p. 148
10W 24Vdc



NEVA MINI 6 p. 150
10W 24Vdc



NEVA MINI 7 p. 152
15W 24Vdc



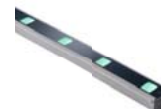
NEVA 4.0 p. 146
16W 230Vac
0-10V, ON/OFF



NEVA 5.0 p. 148
20W 24Vdc
with or without DMX



NEVA 6.0 p. 150
20W 24Vdc



NEVA 7.0 p. 152
30W 24Vdc



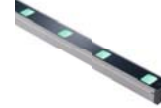
NEVA 4.1 p. 147
24W 230Vac
0-10V, ON/OFF



NEVA 5.1 p. 149
30W 24Vdc



NEVA 6.1 p. 151
30W 24Vdc



NEVA 7.1 p. 153
45W 24Vdc



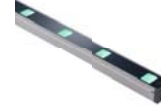
NEVA 4.2 p. 147
40W 230Vac
0-10V, ON/OFF



NEVA 5.2 p. 149
50W 24Vdc



NEVA 6.2 p. 151
50W 24Vdc



NEVA 7.2 p. 153
75W 24Vdc

11°

30°

45°

10°x40°

11°

30°

45°

10°x40°

ANTI-GLARE
RECESSED
OPTICS

IK06
NEVA 1 / 2
5 / 6 / 7

IK08
NEVA
3 / 4

TEMPERED TRANSPARENT
EXTRA-CLEAR GLASS WITH
VITRIFIED SERIGRAPHY
AND HIGH TRANSMITTANCE
TO ENSURE CHROMATIC
UNIFORMITY OF LIGHT. THE GLASS'S
THICKNESS OF 4 MM GUARANTEES
HIGH IMPACT RESISTANCE



LOW-COPPER-CONTENT
ANTICORODAL ALUMINIUM
ALLOY 6060 FOR EXCELLENT
CORROSION RESISTANCE AND
IMPROVED HEAT DISSIPATION.
THE ANODIZATION PROCESS
PROTECTS THE FIXTURE'S
FUNCTIONING AND APPEARANCE
FROM ATMOSPHERIC AND
ENVIRONMENTAL AGENTS

NEVA

UNIQUE SELLING POINTS

BUILT-IN
PROTECTION
SYSTEMS:



IPS
INTELLIGENT
PROTECTION
SYSTEM



PID
PROTECTIVE
IMPEDANCE
DEVICE



NTC
BUILT-IN
TEMPERATURE
SENSOR



SUITABLE
FOR OUTDOOR
APPLICATIONS

NEVA 1 / 3
PITCH CONSISTENCY
BETWEEN DEVICES
PLACED SIDE BY SIDE



NEVA 3 / 4
IP68 CONNECTOR WITH
BUILT-IN IPS PROTECTION

Speedy installation: electrical wiring
simplified by the ability to connect the
electrical cables directly to the connector.
An in/out connection system is available
to install the fixtures in a line



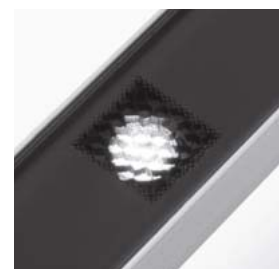
RECESSED
INSTALLATION
USING DEDICATED
OUTER CASING



SCALED ADJUSTABLE
BRACKET AND
TWO DIFFERENT
HEIGHTS:
75 MM, 140 MM



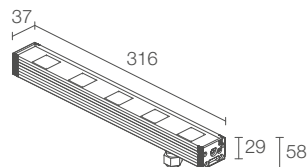
ANTI-GLARE
HONEYCOMB
LOUVRE ACCESSORY



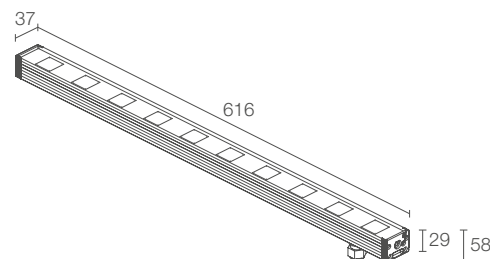


^
NEVA 1.1
 2700K, 27W, 10°x40°, with honeycomb louvre
 customized version with CRI >90
KLEO 1.0
 2700K, 10W, 30°, cor-ten, with spike
BRIGHT 1.6
 2700K, 2W, 10°
 Light planning by / Susanna Antico
 Lighting Design Studio
 Cascina Ranverso
 Buttigliera Alta, Turin, Italy

NEVA MINI 1



NEVA 1.0



CE LED III kg 0.59 IP67 IK06
 A A+ A++ IPS PID NTC T max 45°C

CE LED III kg 1.15 IP67 IK06
 A A+ A++ IPS PID NTC T max 45°C

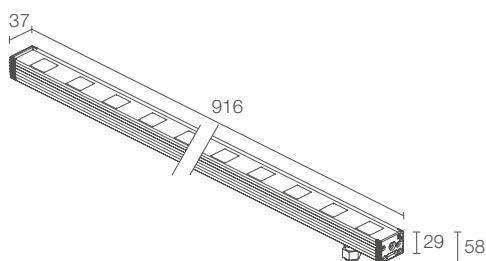
POWER / POWER SUPPLY CODE	9W 24Vdc 316 mm pitch 60 NV0100 ■ A - ■ 13W 24Vdc 316 mm pitch 60 NV0101 ■ A - ■
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	S - 11° M - 30° L - 45° W - 10°x40°
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 2x0.75 Ø6.3 mm 1 - 5 m 2 - 10 m 3 - 15 m 4 - 20 m
LUMEN OUTPUT AT SOURCE	696 lm (3000K, 9W) 1033 lm (3000K, 13W)
DELIVERED LUMEN OUTPUT	575 lm (3000K, 30°, 9W) 805 lm (3000K, 30°, 13W)
NO. AND TYPE OF LED	5 power LEDs pitch 60 mm 3-step MacAdam, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in anodized anticorodal aluminium screen in serigraphed, tempered, transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 156
MOUNTING	surface mounted (ceiling, wall, ground) with brackets recessed (ceiling, wall, ground) with outer casing
ACCESSORIES	see p. 154 and 156
PHOTOMETRIC DATA	see p. 788

POWER / POWER SUPPLY CODE	18W 24Vdc 616 mm pitch 60 NV1000 ■ A - ■ 25W 24Vdc 616 mm pitch 60 NV1001 ■ A - ■
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	S - 11° M - 30° L - 45° W - 10°x40°
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 2x0.75 Ø6.3 mm 1 - 5 m 2 - 10 m 3 - 15 m 4 - 20 m
LUMEN OUTPUT AT SOURCE	1392 lm (3000K, 18W) 2065 lm (3000K, 25W)
DELIVERED LUMEN OUTPUT	1150 lm (3000K, 30°, 18W) 1610 lm (3000K, 30°, 25W)
NO. AND TYPE OF LED	10 power LEDs pitch 60 mm 3-step MacAdam, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in anodized anticorodal aluminium screen in serigraphed, tempered, transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 156
MOUNTING	surface mounted (ceiling, wall, ground) with brackets recessed (ceiling, wall, ground) with outer casing
ACCESSORIES	see p. 154 and 156
PHOTOMETRIC DATA	see p. 790

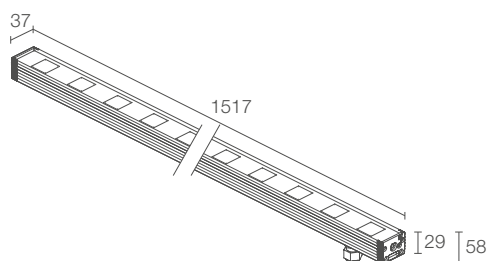
NEVA 1



NEVA 1.1



NEVA 1.2



kg 1.64 T max 45°C

kg 2.75 T max 45°C

27W 24Vdc 916 mm pitch 60

NV1100 **A - ■**

38W 24Vdc 916 mm pitch 60

NV1101 **A - ■**

45W 24Vdc 1517 mm pitch 60

NV1200 **A - ■**

63W 24Vdc 1517 mm pitch 60

NV1201 **A - ■**

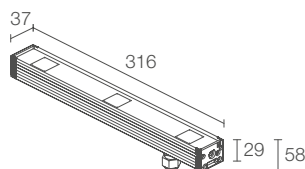
	F - 2700K 5 - 3000K 9 - 4000K
	S - 11° M - 30° L - 45° W - 10°x40°
	includes 1.5 m neoprene cable H05RN-F 2x0.75 Ø6.3 mm 1 - 5 m 2 - 10 m 3 - 15 m 4 - 20 m
	2087 lm (3000K, 27W) 3098 lm (3000K, 38W)
	1715 lm (3000K, 30°, 27W) 2401 lm (3000K, 30°, 38W)
	15 power LEDs pitch 60 mm 3-step MacAdam, 50000h L90 B10 (Ta 25°C)
	body in anodized anticorrosion aluminum screen in serigraphed, tempered, transparent extra-clear glass
	not included, see p. 156
	surface mounted (ceiling, wall, ground) with brackets recessed (ceiling, wall, ground) with outer casing
	see p. 154 and 156
	see p. 790

	F - 2700K 5 - 3000K 9 - 4000K
	S - 11° M - 30° L - 45° W - 10°x40°
	includes 1.5 m neoprene cable H05RN-F 2x0.75 Ø6.3 mm 1 - 5 m 2 - 10 m 3 - 15 m 4 - 20 m
	3479 lm (3000K, 45W) 5163 lm (3000K, 63W)
	2875 lm (3000K, 30°, 45W) 4025 lm (3000K, 30°, 63W)
	25 power LEDs pitch 60 mm 3-step MacAdam, 50000h L90 B10 (Ta 25°C)
	body in anodized anticorrosion aluminum screen in serigraphed, tempered, transparent extra-clear glass
	not included, see p. 156
	surface mounted (ceiling, wall, ground) with brackets recessed (ceiling, wall, ground) with outer casing
	see p. 154 and 156
	see p. 790



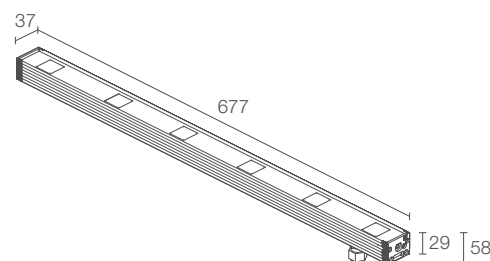
^
NEVA 2.0
 3000K, 11W, 45°, with brackets
BRIGHT 2.4
 3000K, 7W, 11° - 45°, stainless steel
 Project by / arch. Fernanda Cantone
 Light planning by / Light Style
 Castello Tafuri Charming Suites
 Portopalo di Capo Passero
 Syracuse, Italy

NEVA MINI 2



CE kg 0.58 IP67 IK06
 A A+ A++ NTC $T_{max} 45^{\circ}C$

NEVA 2.0



CE kg 1.25 IP67 IK06
 A A+ A++ NTC $T_{max} 45^{\circ}C$

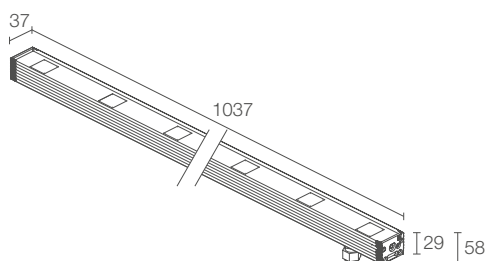
POWER / POWER SUPPLY CODE	5.5W 24Vdc 316 mm pitch 120 NV0200 A - 7.5W 24Vdc 316 mm pitch 120 NV0201 A -
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	S - 11° M - 30° L - 45° W - 10°x40°
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 2x0.75 Ø6.3 mm 1 - 5 m 2 - 10 m 3 - 15 m 4 - 20 m
LUMEN OUTPUT AT SOURCE	418 lm (3000K, 5.5W) 620 lm (3000K, 7.5W)
DELIVERED LUMEN OUTPUT	345 lm (3000K, 30°, 5.5W) 483 lm (3000K, 30°, 7.5W)
NO. AND TYPE OF LED	3 power LEDs pitch 120 mm 3-step MacAdam 50000h L90 B10 (Ta 25°C)
MATERIAL	body in anodized anticorodal aluminium screen in serigraphed, tempered, transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 156
MOUNTING	surface mounted (ceiling, wall, ground) with brackets recessed (ceiling, wall, ground) with outer casing
ACCESSORIES	see p. 154 and 156
PHOTOMETRIC DATA	see p. 788

POWER / POWER SUPPLY CODE	11W 24Vdc 677 mm pitch 120 NV2000 A - 15W 24Vdc 677 mm pitch 120 NV2001 A -
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	S - 11° M - 30° L - 45° W - 10°x40°
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 2x0.75 Ø6.3 mm 1 - 5 m 2 - 10 m 3 - 15 m 4 - 20 m
LUMEN OUTPUT AT SOURCE	835 lm (3000K, 11W) 1239 lm (3000K, 15W)
DELIVERED LUMEN OUTPUT	690 lm (3000K, 30°, 11W) 966 lm (3000K, 30°, 15W)
NO. AND TYPE OF LED	6 power LEDs pitch 120 mm 3-step MacAdam 50000h L90 B10 (Ta 25°C)
MATERIAL	body in anodized anticorodal aluminium screen in serigraphed, tempered, transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 156
MOUNTING	surface mounted (ceiling, wall, ground) with brackets recessed (ceiling, wall, ground) with outer casing
ACCESSORIES	see p. 154 and 156
PHOTOMETRIC DATA	see p. 790

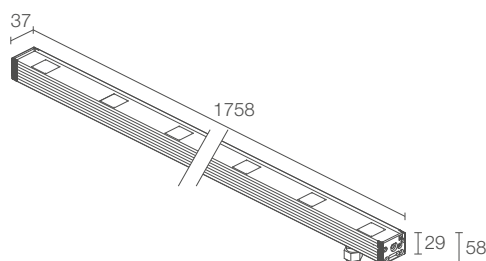
NEVA 2



NEVA 2.1



NEVA 2.2



kg 1.87

T max 45°C

16W 24Vdc 1037 mm pitch 120

NV2100 **A - ■**

22W 24Vdc 1037 mm pitch 120

NV2101 **A - ■**

kg 3.15

T max 45°C

27W 24Vdc 1758 mm pitch 120

NV2200 **A - ■**

38W 24Vdc 1758 mm pitch 120

NV2201 **A - ■**

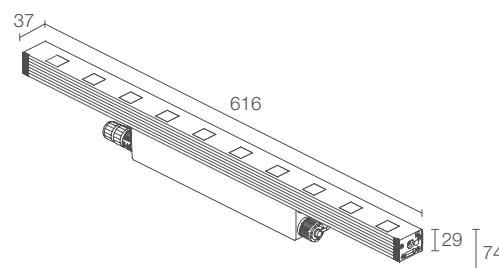
	F - 2700K 5 - 3000K 9 - 4000K
	S - 11° M - 30° L - 45° W - 10°x40°
	includes 1.5 m neoprene cable H05RN-F 2x0.75 Ø6.3 mm 1 - 5 m 2 - 10 m 3 - 15 m 4 - 20 m
	1252 lm (3000K, 16W) 1859 lm (3000K, 22W)
	1035 lm (3000K, 30°, 16W) 1450 lm (3000K, 30°, 22W)
	9 power LEDs pitch 120 mm 3-step MacAdam 50000h L90 B10 (Ta 25°C)
	body in anodized anticorrosional aluminium screen in serigraphed, tempered, transparent extra-clear glass
	not included, see p. 156
	surface mounted (ceiling, wall, ground) with brackets recessed (ceiling, wall, ground) with outer casing
	see p. 154 and 156
	see p. 790

	F - 2700K 5 - 3000K 9 - 4000K
	S - 11° M - 30° L - 45° W - 10°x40°
	includes 1.5 m neoprene cable H05RN-F 2x0.75 Ø6.3 mm 1 - 5 m 2 - 10 m 3 - 15 m 4 - 20 m
	2087 lm (3000K, 27W) 3098 lm (3000K, 38W)
	1725 lm (3000K, 30°, 27W) 2415 lm (3000K, 30°, 38W)
	15 power LEDs pitch 120 mm 3-step MacAdam 50000h L90 B10 (Ta 25°C)
	body in anodized anticorrosional aluminium screen in serigraphed, tempered, transparent extra-clear glass
	not included, see p. 156
	surface mounted (ceiling, wall, ground) with brackets recessed (ceiling, wall, ground) with outer casing
	see p. 154 and 156
	see p. 790

NEVA 3



NEVA 3.0



POWER / POWER SUPPLY CODE 23W 230Vac 616 mm pitch 60 ON/OFF
NV3010000 ■ 0 ■ N

23W 230Vac 616 mm pitch 60 0-10V
NV30100V0 ■ 0 ■ N

■ **HONEYCOMB LOUVRE** 0 - not present
 1 - present

■ **LED COLOUR** F - 2700K
 5 - 3000K
 9 - 4000K

■ **OPTICS** S - 11°
 M - 30°
 L - 45°
 W - 10°x40°

LUMEN OUTPUT AT SOURCE 2570 lm (3000K)

DELIVERED LUMEN OUTPUT 1610 lm (3000K, 30°)

NO. AND TYPE OF LED 10 power LEDs pitch 60 mm
 3-step MacAdam, 50000h L85 B10 (Ta 25°C)

MATERIAL body in black-anodized anticorrosion aluminium
 screen in serigraphed, tempered,
 transparent, extra-clear glass

POWER SUPPLY UNIT built in

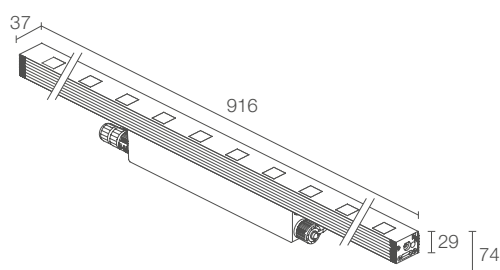
MOUNTING surface mounted (ceiling, wall, ground) with brackets
 recessed (ceiling, wall, ground) with outer casing

ACCESSORIES see p. 154 and 156

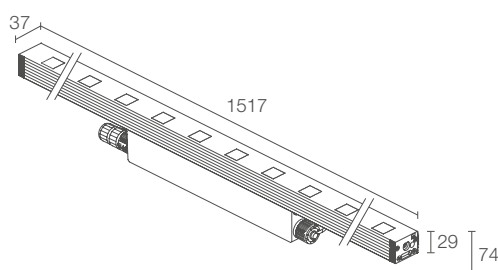
FEATURES electrical wiring simplified by the ability to connect
 the electrical cables directly to the connector

PHOTOMETRIC DATA see p. 791

NEVA 3.1



NEVA 3.2



CE kg 2.10 IP65 IP67 IK08
A A+ A++ (T max 45°C)

CE kg 3.20 IP65 IP67 IK08
A A+ A++ (T max 45°C)

39W 230Vac 916 mm pitch 60 ON/OFF
NV3110000 0 N

64W 230Vac 1517 mm pitch 60 ON/OFF
NV3210000 0 N

39W 230Vac 916 mm pitch 60 0-10V
NV31100V0 0 N

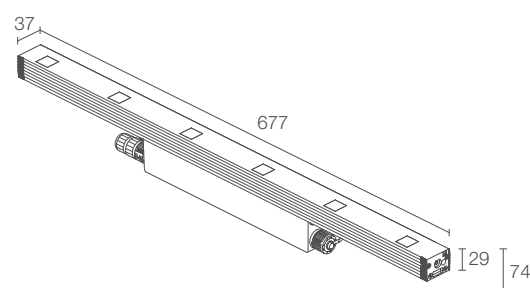
	0 - not present 1 - present
	F - 2700K 5 - 3000K 9 - 4000K
	S - 11° M - 30° L - 45° W - 10°x40°
3855 lm (3000K)	
2401 lm (3000K, 30°)	
15 power LEDs pitch 60 mm 3-step MacAdam, 50000h L85 B10 (Ta 25°C)	
body in black-anodized anticorrosion aluminium screen in serigraphed, tempered, transparent, extra-clear glass	
built in	
surface mounted (ceiling, wall, ground) with brackets recessed (ceiling, wall, ground) with outer casing	
see p. 154 and 156	
electrical wiring simplified by the ability to connect the electrical cables directly to the connector	
see p. 791	

	0 - not present 1 - present
	F - 2700K 5 - 3000K 9 - 4000K
	S - 11° M - 30° L - 45° W - 10°x40°
6425 lm (3000K)	
4025 lm (3000K, 30°)	
25 power LEDs pitch 60 mm 3-step MacAdam, 50000h L85 B10 (Ta 25°C)	
body in black-anodized anticorrosion aluminium screen in serigraphed, tempered, transparent, extra-clear glass	
built in	
surface mounted (ceiling, wall, ground) with brackets recessed (ceiling, wall, ground) with outer casing	
see p. 154 and 156	
electrical wiring simplified by the ability to connect the electrical cables directly to the connector	
see p. 791	



^
NEVA 4.0 / 4.1
3000K, 16W - 24W, 10°x40°, with brackets

NEVA 4.0



kg 1.70

POWER / POWER SUPPLY CODE 16W 230Vac 677 mm pitch 120 ON/OFF
NV4010000 N

16W 230Vac 677 mm pitch 120 0-10V
NV40100V0 N

HONEYCOMB LOUVRE 0 - not present
1 - present

LED COLOUR F - 2700K
5 - 3000K
9 - 4000K

OPTICS S - 11°
M - 30°
L - 45°
W - 10°x40°

LUMEN OUTPUT AT SOURCE 1542 lm (3000K)

DELIVERED LUMEN OUTPUT 966 lm (3000K, 30°)

NO. AND TYPE OF LED 6 power LEDs pitch 120 mm
3-step MacAdam, 50000h L85 B10 (Ta 25°C)

MATERIAL body in black-anodized anticorrosion aluminium
screen in serigraphed, tempered,
transparent, extra-clear glass

POWER SUPPLY UNIT built in

MOUNTING surface mounted (ceiling, wall, ground) with brackets
recessed (ceiling, wall, ground) with outer casing

ACCESSORIES see p. 154 and 156

FEATURES electrical wiring simplified by the ability to connect
the electrical cables directly to the connector

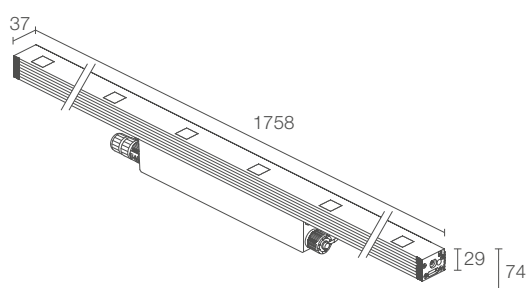
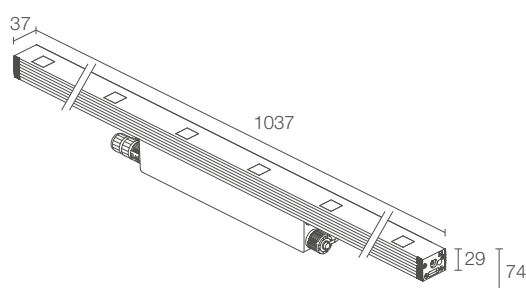
PHOTOMETRIC DATA see p. 791

NEVA 4



NEVA 4.1

NEVA 4.2



CE kg 2.34 IP65 IP67 IK08
A A+ A++ (T max 45°C)

CE kg 3.62 IP65 IP67 IK08
A A+ A++ (T max 45°C)

24W 230Vac 1037 mm pitch 120 ON/OFF
NV4110000 0 N

40W 230Vac 1758 mm pitch 120 ON/OFF
NV4210000 0 N

24W 230Vac 1037 mm pitch 120 0-10V
NV41100V0 0 N

40W 230Vac 1758 mm pitch 120 0-10V
NV42100V0 0 N

	0 - not present 1 - present
	F - 2700K 5 - 3000K 9 - 4000K
	S - 11° M - 30° L - 45° W - 10°x40°

	0 - not present 1 - present
	F - 2700K 5 - 3000K 9 - 4000K
	S - 11° M - 30° L - 45° W - 10°x40°

2313 lm (3000K)

3855 lm (3000K)

1450 lm (3000K, 30°)

2415 lm (3000K, 30°)

9 power LEDs pitch 120 mm
3-step MacAdam, 50000h L85 B10 (Ta 25°C)

15 power LEDs pitch 120 mm
3-step MacAdam, 50000h L85 B10 (Ta 25°C)

body in black-anodized anticorrosion aluminium
screen in serigraphed, tempered,
transparent, extra-clear glass

body in black-anodized anticorrosion aluminium
screen in serigraphed, tempered,
transparent, extra-clear glass

built in

built in

surface mounted (ceiling, wall, ground) with brackets
recessed (ceiling, wall, ground) with outer casing

surface mounted (ceiling, wall, ground) with brackets
recessed (ceiling, wall, ground) with outer casing

see p. 154 and 156

see p. 154 and 156

electrical wiring simplified by the ability to connect
the electrical cables directly to the connector

electrical wiring simplified by the ability to connect
the electrical cables directly to the connector

see p. 791

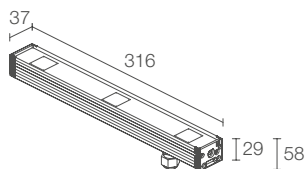
see p. 791



^
NEVA 5.2
 RGB, 50W, 24°x46°
NEVA 2.2
 3000K, 27W, 11°

Project by / iarchitects
 Gotha Cosmetics Headquarters
 Bergamo, Italy

NEVA MINI 5



POWER / POWER SUPPLY CODE 10W 24Vdc 316 mm pitch 120
NV0500 6 ■ A - ■

OPTICS S - 15°
 M - 26°
 L - 30°
 W - 24°x46°

POWER CABLES includes 1.5 m neoprene cable 05RN-F 4x0.50 Ø5.8 mm
 1 - 5 m
 2 - 10 m
 3 - 15 m
 4 - 20 m

LED COLOUR RGB

LUMEN OUTPUT AT SOURCE 454 lm, R: 151 lm G: 227 lm B: 76 lm

DELIVERED LUMEN OUTPUT 324 lm, R: 108 lm G: 162 lm B: 54 lm (26°)

NO. AND TYPE OF LED 3 RGB LED groups pitch 120 mm
 50000h L90 B10 (Ta 25°C)

MATERIAL body in anodized anticorrosional aluminium screen in serigraphed, tempered, transparent extra-clear glass

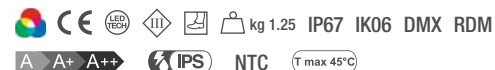
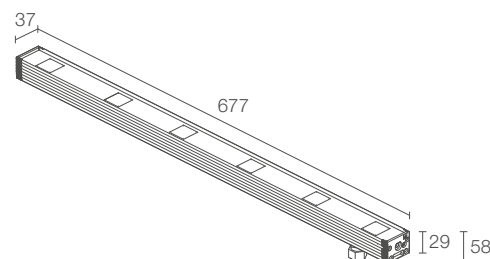
POWER SUPPLY UNIT not included, see p. 156

MOUNTING surface mounted (ceiling, wall, ground) with brackets recessed (ceiling, wall, ground) with outer casing

ACCESSORIES see p. 154 and 156

PHOTOMETRIC DATA see p. 788

NEVA 5.0



20W 24Vdc 677 mm pitch 120
NV5000 6 ■ A - ■

20W 24Vdc + DMX512 677 mm pitch 120
NV5001 6 ■ A

OPTICS S - 15°
 M - 26°
 L - 30°
 W - 24°x46°

POWER CABLES includes 1.5 m neoprene cable 05RN-F 4x0.50 Ø5.8 mm
 DMX version: includes 2x1.5 m neoprene cables H05RN-F 2x0.75 Ø6.3 mm and 05RN-F 4x0.50 Ø5.8 mm
 1 - 5 m
 2 - 10 m
 3 - 15 m
 4 - 20 m

LED COLOUR RGB

LUMEN OUTPUT AT SOURCE 908 lm, R: 303 lm G: 454 lm B: 151 lm

DELIVERED LUMEN OUTPUT 648 lm, R: 216 lm G: 324 lm B: 108 lm (26°)

NO. AND TYPE OF LED 6 RGB LED groups pitch 120 mm
 50000h L90 B10 (Ta 25°C)

MATERIAL body in anodized anticorrosional aluminium screen in serigraphed, tempered, transparent extra-clear glass

POWER SUPPLY UNIT not included, see p. 156

MOUNTING surface mounted (ceiling, wall, ground) with brackets recessed (ceiling, wall, ground) with outer casing

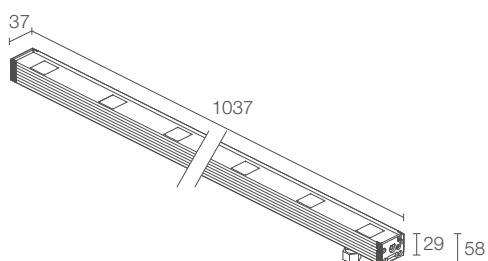
ACCESSORIES see p. 154 and 156

PHOTOMETRIC DATA see p. 792

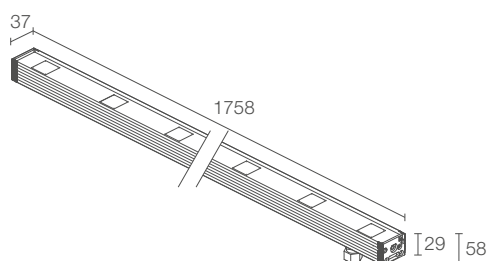
NEVA 5



NEVA 5.1



NEVA 5.2



30W 24Vdc 1037 mm pitch 120
NV5100 6 ■ A - ■

50W 24Vdc 1758 mm pitch 120
NV5200 6 ■ A - ■

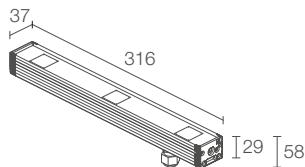
■	<p>S - 15° M - 26° L - 30° W - 24°x46°</p>
■	<p>includes 1.5 m neoprene cable 05RN-F 4x0.50 Ø5.8 mm 1 - 5 m 2 - 10 m 3 - 15 m 4 - 20 m</p>
RGB	
1363 lm, R: 455 lm G: 681 lm B: 227 lm	
972 lm, R: 324 lm G: 486 lm B: 162 lm (26°)	
9 RGB LED groups pitch 120 mm 50000h L90 B10 (Ta 25°C)	
body in anodized anticorrosion aluminium screen in serigraphed, tempered, transparent extra-clear glass	
not included, see p. 156	
surface mounted (ceiling, wall, ground) with brackets recessed (ceiling, wall, ground) with outer casing	
see p. 154 and 156	
see p. 792	

■	<p>S - 15° M - 26° L - 30° W - 24°x46°</p>
■	<p>includes 1.5 m neoprene cable 05RN-F 4x0.50 Ø5.8 mm 1 - 5 m 2 - 10 m 3 - 15 m 4 - 20 m</p>
RGB	
2271 lm, R: 758 lm G: 1135 lm B: 378 lm	
1620 lm, R: 540 lm G: 810 lm B: 270 lm (26°)	
15 RGB LED groups pitch 120 mm 50000h L90 B10 (Ta 25°C)	
body in anodized anticorrosion aluminium screen in serigraphed, tempered, transparent extra-clear glass	
not included, see p. 156	
surface mounted (ceiling, wall, ground) with brackets recessed (ceiling, wall, ground) with outer casing	
see p. 154 and 156	
see p. 792	

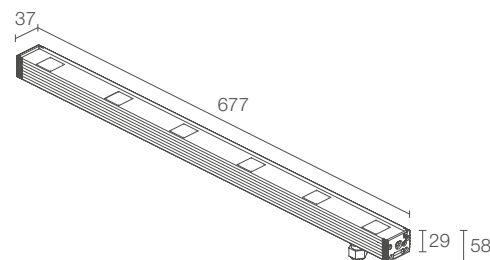


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NEVA 6.0
dynamic white, 20W, 24°x46°

NEVA MINI 6



NEVA 6.0



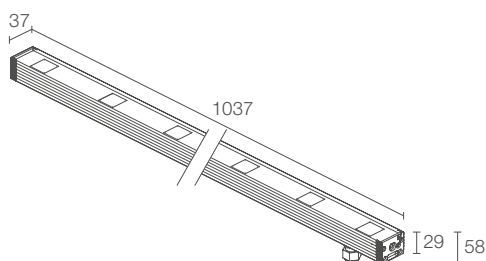
POWER / POWER SUPPLY CODE	10W 24Vdc 316 mm pitch 120 NV0600 H ■ A - ■
OPTICS	S - 15° M - 26° L - 30° W - 24°x46°
POWER CABLES	includes 1.5 m neoprene cable 05RN-F 4x0.50 Ø5.8 mm 1 - 5 m 2 - 10 m 3 - 15 m 4 - 20 m
LED COLOUR	dynamic white: amber, 4000K, 5000K
LUMEN OUTPUT AT SOURCE	1035 lm, amber: 258 lm 4000K: 379 lm 5000K: 398 lm (4000K)
DELIVERED LUMEN OUTPUT	737 lm, amber: 184 lm 4000K: 270 lm 5000K: 283 lm (4000K, 26°)
NO. AND TYPE OF LED	3 LED groups pitch 120 mm 50000h L90 B10 (Ta 25°C)
MATERIAL	body in anodized anticorodal aluminium screen in serigraphed, tempered, transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 156
MOUNTING	surface mounted (ceiling, wall, ground) with brackets recessed (ceiling, wall, ground) with outer casing
ACCESSORIES	see p. 154 and 156
PHOTOMETRIC DATA	see p. 789

POWER / POWER SUPPLY CODE	20W 24Vdc 677 mm pitch 120 NV6000 H ■ A - ■
OPTICS	S - 15° M - 26° L - 30° W - 24°x46°
POWER CABLES	includes 1.5 m neoprene cable 05RN-F 4x0.50 Ø5.8 mm 1 - 5 m 2 - 10 m 3 - 15 m 4 - 20 m
LED COLOUR	dynamic white: amber, 4000K, 5000K
LUMEN OUTPUT AT SOURCE	2070 lm, amber: 517 lm 4000K: 758 lm 5000K: 795 lm (4000K)
DELIVERED LUMEN OUTPUT	1475 lm, amber: 368 lm 4000K: 540 lm 5000K: 567 lm (4000K, 26°)
NO. AND TYPE OF LED	6 LED groups pitch 120 mm 50000h L90 B10 (Ta 25°C)
MATERIAL	body in anodized anticorodal aluminium screen in serigraphed, tempered, transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 156
MOUNTING	surface mounted (ceiling, wall, ground) with brackets recessed (ceiling, wall, ground) with outer casing
ACCESSORIES	see p. 154 and 156
PHOTOMETRIC DATA	see p. 792

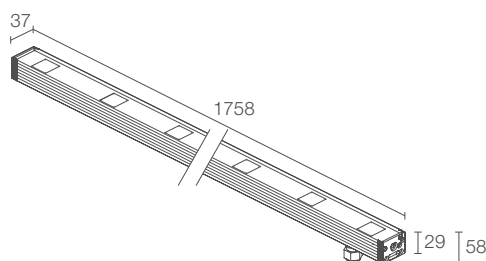
NEVA 6



NEVA 6.1



NEVA 6.2



30W 24Vdc 1037 mm pitch 120
NV6100 H ■ A - ■

50W 24Vdc 1758 mm pitch 120
NV6200 H ■ A - ■

■ **S** - 15°
M - 26°
L - 30°
W - 24°x46°

■ **S** - 15°
M - 26°
L - 30°
W - 24°x46°

■ includes 1.5 m neoprene cable
05RN-F 4x0.50 Ø5.8 mm
1 - 5 m
2 - 10 m
3 - 15 m
4 - 20 m

■ includes 1.5 m neoprene cable
05RN-F 4x0.50 Ø5.8 mm
1 - 5 m
2 - 10 m
3 - 15 m
4 - 20 m

dynamic white: amber, 4000K, 5000K

dynamic white: amber, 4000K, 5000K

3100 lm,
amber: 774 lm 4000K: 1135 lm 5000K: 1191 lm (4000K)

5162 lm,
amber: 1288 lm 4000K: 1890 lm 5000K: 1984 lm (4000K)

2212 lm,
amber: 552 lm 4000K: 810 lm 5000K: 850 lm
(4000K, 26°)

3687 lm,
amber: 920 lm 4000K: 1350 lm 5000K: 1417 lm
(4000K, 26°)

9 LED groups pitch 120 mm
50000h L90 B10 (Ta 25°C)

15 LED groups pitch 120 mm
50000h L90 B10 (Ta 25°C)

body in anodized anticorrosional aluminium
screen in serigraphed, tempered, transparent
extra-clear glass

body in anodized anticorrosional aluminium
screen in serigraphed, tempered, transparent
extra-clear glass

not included, see p. 156

not included, see p. 156

surface mounted (ceiling, wall, ground) with brackets
recessed (ceiling, wall, ground) with outer casing

surface mounted (ceiling, wall, ground) with brackets
recessed (ceiling, wall, ground) with outer casing

see p. 154 and 156

see p. 154 and 156

see p. 792

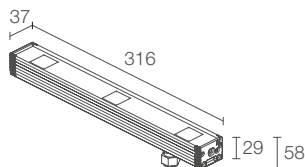
see p. 792



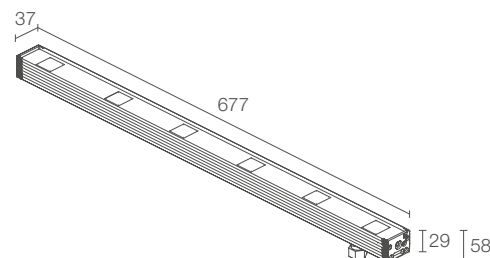
^
NEVA 7.2
RGBW, 75W, 26°x58°

Project by / SC Servizi Integrati
Torre Bassano
Torre del Greco, Naples, Italy

NEVA MINI 7



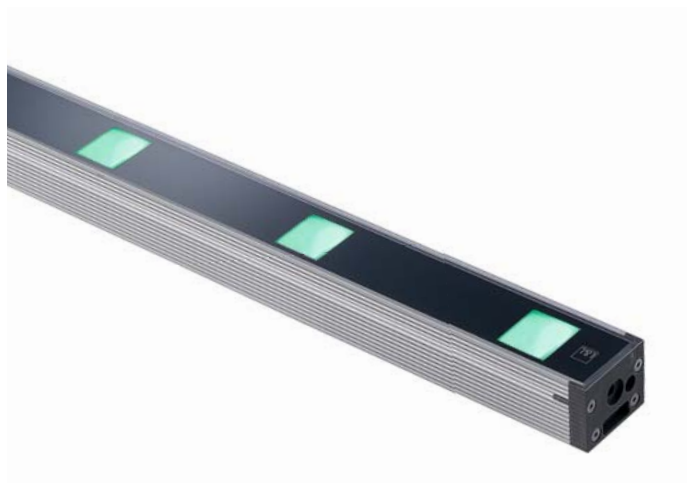
NEVA 7.0



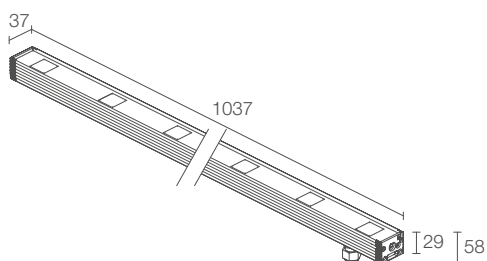
POWER / POWER SUPPLY CODE	15W 24Vdc 316 mm pitch 120 NV0700 7 ■ A
OPTICS	S - 18° M - 32° L - 44° K - 78° W - 26°x58°
LED COLOUR	RGBW
LUMEN OUTPUT AT SOURCE	850 lm, R: 137 lm G: 300 lm B: 92 lm W: 321 lm (4000K)
DELIVERED LUMEN OUTPUT	525 lm, R: 84 lm G: 186 lm B: 57 lm W: 198 lm (4000K, 32°)
NO. AND TYPE OF LED	3 RGBW LED groups pitch 120 mm 50000h L90 B10 (Ta 25°C)
MATERIAL	body in anodized anticorodal aluminium screen in serigraphed, tempered, transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 156
POWER CABLES	includes 1.5 m FEP+RUB cable (equivalent to H05RN-F) 6x0.50/0.50 Ø6.3 mm
MOUNTING	surface mounted (ceiling, wall, ground) with brackets recessed (ceiling, wall, ground) with outer casing
ACCESSORIES	see p. 154 and 156
PHOTOMETRIC DATA	see p. 789

POWER / POWER SUPPLY CODE	30W 24Vdc 677 mm pitch 120 NV7000 7 ■ A
OPTICS	S - 18° M - 32° L - 44° K - 78° W - 26°x58°
LED COLOUR	RGBW
LUMEN OUTPUT AT SOURCE	1699 lm, R: 273 lm G: 600 lm B: 184 lm W: 642 lm (4000K)
DELIVERED LUMEN OUTPUT	1051 lm, R: 169 lm G: 371 lm B: 114 lm W: 397 lm (4000K, 32°)
NO. AND TYPE OF LED	6 RGBW LED groups pitch 120 mm 50000h L90 B10 (Ta 25°C)
MATERIAL	body in anodized anticorodal aluminium screen in serigraphed, tempered, transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 156
POWER CABLES	includes 1.5 m FEP+RUB cable (equivalent to H05RN-F) 6x0.50/0.50 Ø6.3 mm
MOUNTING	surface mounted (ceiling, wall, ground) with brackets recessed (ceiling, wall, ground) with outer casing
ACCESSORIES	see p. 154 and 156
PHOTOMETRIC DATA	see p. 793

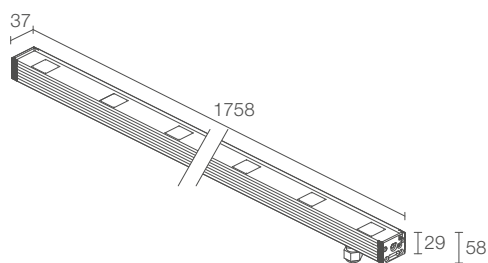
NEVA 7



NEVA 7.1



NEVA 7.2



45W 24Vdc 1037 mm pitch 120
NV7100 7 ■ A

75W 24Vdc 1758 mm pitch 120
NV7200 7 ■ A

■
S - 18°
M - 32°
L - 44°
K - 78°
W - 26°x58°

■
S - 18°
M - 32°
L - 44°
K - 78°
W - 26°x58°

RGBW

RGBW

2548 lm, R: 410 lm G: 900 lm B: 275 lm
W: 963 lm (4000K)

4247 lm, R: 683 lm G: 1500 lm B: 459 lm
W: 1605 lm (4000K)

1575 lm, R: 253 lm G: 556 lm B: 171 lm
W: 595 lm (4000K, 32°)

2625 lm, R: 422 lm G: 927 lm B: 284 lm
W: 992 lm (4000K, 32°)

9 RGBW LED groups pitch 120 mm
50000h L90 B10 (Ta 25°C)

15 RGBW LED groups pitch 120 mm
50000h L90 B10 (Ta 25°C)

body in anodized anticorodal aluminium
screen in serigraphed, tempered, transparent
extra-clear glass

body in anodized anticorodal aluminium
screen in serigraphed, tempered, transparent
extra-clear glass

not included, see p. 156

not included, see p. 156

includes 1.5 m FEP+RUB cable
(equivalent to H05RN-F) 6x0.50/0.50 Ø6.3 mm

includes 1.5 m FEP+RUB cable
(equivalent to H05RN-F) 6x0.50/0.50 Ø6.3 mm

surface mounted (ceiling, wall, ground) with brackets
recessed (ceiling, wall, ground) with outer casing

surface mounted (ceiling, wall, ground) with brackets
recessed (ceiling, wall, ground) with outer casing

see p. 154 and 156





see p. 154 and 156

see p. 793

see p. 793

NEVA

ACCESSORIES

	NEVA MINI 1	NEVA 1.0	NEVA 1.1	NEVA 1.2	NEVA MINI 2	NEVA 2.0	NEVA 2.1	NEVA 2.2	NEVA 3.0	NEVA 3.1	NEVA 3.2
<p>ANTI-GLARE ACCESSORIES</p>  <p>Honeycomb louvre built into the lighting fixture order together with the lighting fixture</p>  <p>Anti-glare shield in black-painted stainless steel</p>	<p>WH6001</p> <p>328 mm</p>	<p>WH6010</p> <p>612 mm</p>	<p>WH6011</p> <p>912 mm</p>	<p>WH6012</p> <p>1513 mm</p>	<p>WH6002</p> <p>328 mm</p>	<p>WH6020</p> <p>673 mm</p>	<p>WH6021</p> <p>1033 mm</p>	<p>WH6022</p> <p>1754 mm</p>	<p>WB6510</p> <p>612 mm</p>	<p>WB6511</p> <p>912 mm</p>	<p>WB6512</p> <p>1513 mm</p>
<p>ACCESSORIES FOR INSTALLATION</p>  <p>Aluminium outer casing</p>  <p>Aluminium outer casing for plasterboard</p>	<p>WC6500</p> <p>322 mm</p>	<p>WC6510</p> <p>622 mm</p>	<p>WC6511</p> <p>922 mm</p>	<p>WC6512</p> <p>1522 mm</p>	<p>WC6500</p> <p>322 mm</p>	<p>WC6520</p> <p>682 mm</p>	<p>WC6521</p> <p>1042 mm</p>	<p>WC6522</p> <p>1763 mm</p>	<p>WC6510</p> <p>622 mm</p>	<p>WC6511</p> <p>922 mm</p>	<p>WC6512</p> <p>1522 mm</p>
	<p>WC6700</p> <p>322 mm</p>	<p>WC6710</p> <p>622 mm</p>	<p>WC6711</p> <p>922 mm</p>	<p>WC6712</p> <p>1522 mm</p>	<p>WC6700</p> <p>322 mm</p>	<p>WC6720</p> <p>682 mm</p>	<p>WC6721</p> <p>1042 mm</p>	<p>WC6722</p> <p>1763 mm</p>	<p>WC6710</p> <p>622 mm</p>	<p>WC6711</p> <p>922 mm</p>	<p>WC6712</p> <p>1522 mm</p>

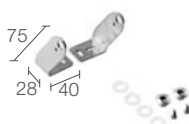
for spare parts, see p. 866

NEVA 4.0	NEVA 4.1	NEVA 4.2	NEVA MINI 5	NEVA 5.0	NEVA 5.1	NEVA 5.2	NEVA MINI 6	NEVA 6.0	NEVA 6.1	NEVA 6.2	NEVA MINI 7	NEVA 7.0	NEVA 7.1	NEVA 7.2
			WH6002	WH6020	WH6021	WH6022	WH6002	WH6020	WH6021	WH6022				
WB6520 673 mm	WB6521 1033 mm	WB6522 1754 mm	WB6500 328 mm	WB6520 673 mm	WB6521 1033 mm	WB6522 1754 mm	WB6500 328 mm	WB6520 673 mm	WB6521 1033 mm	WB6522 1754 mm	WB6500 328 mm	WB6520 673 mm	WB6521 1033 mm	WB6522 1754 mm
WC6520 682 mm	WC6521 1042 mm	WC6522 1763 mm	WC6500 322 mm	WC6520 682 mm	WC6521 1042 mm	WC6522 1763 mm	WC6500 322 mm	WC6520 682 mm	WC6521 1042 mm	WC6522 1763 mm	WC6500 322 mm	WC6520 682 mm	WC6521 1042 mm	WC6522 1763 mm
WC6720 682 mm	WC6721 1042 mm	WC6722 1763 mm	WC6700 322 mm	WC6720 682 mm	WC6721 1042 mm	WC6722 1763 mm	WC6700 322 mm	WC6720 682 mm	WC6721 1042 mm	WC6722 1763 mm	WC6700 322 mm	WC6720 682 mm	WC6721 1042 mm	WC6722 1763 mm

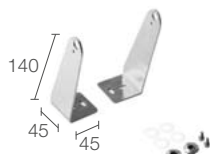
NEVA

ACCESSORIES AND POWER SUPPLY UNITS

ACCESSORIES FOR INSTALLATION



WM0601
Pair of brackets h 75 mm
(Neva 1 / 2 / 5 / 6 / 7)



WM0602
Pair of brackets h 140 mm
(Neva 1 / 2 / 5 / 6 / 7)



WMA01N
Pair of brackets h 75 mm
(Neva 3 / 4)



WMA02N
Pair of brackets h 140 mm
(Neva 3 / 4)



WN6001
Anti-fall kit



WN6005
Alignment kit for
outer casings



WFA00
2-pin female connector
for in/out connection
(on/off version) - IP68
(Neva 3 / 4)



WFA01
4-pin female connector
for in/out connection
(0-10V version) - IP68
(Neva 3.0 / 3.1 / 4.0 / 4.1 / 4.2)

POWER CABLES Neva 1 / 2 / 5 / 6

the choice of power cable is included in the configuration of the code for the lighting fixture

- 1 length 5 m
- 2 length 10 m
- 3 length 15 m
- 4 length 20 m

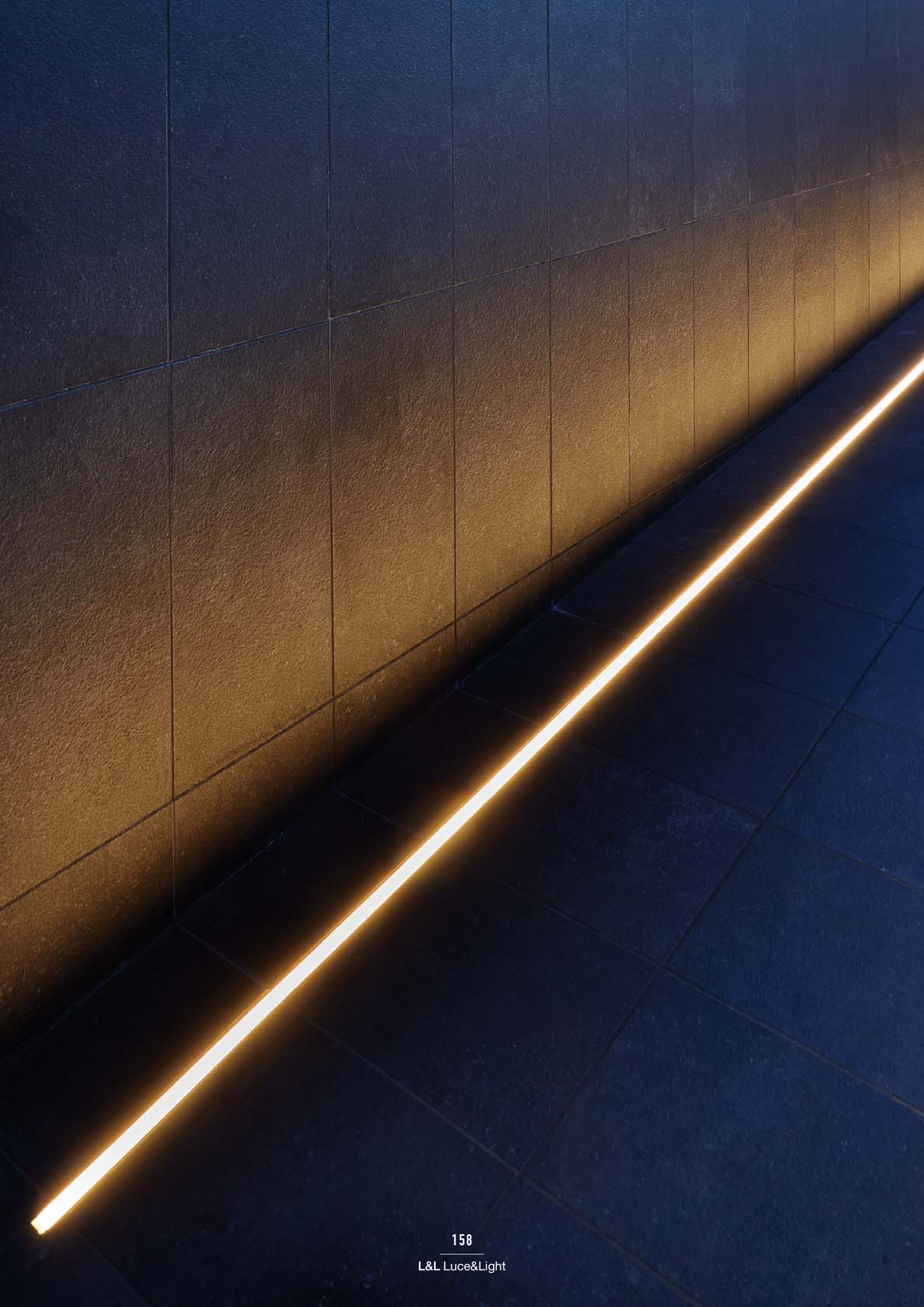
white LED colour
Neoprene cables
H05RN-F 2x0.75 Ø6.3 mm IPS

RGB and dynamic white
Neoprene cables
05RN-F 4x0.50 Ø5.8 mm IPS

POWER SUPPLY UNITS Neva 1 / 2 / 5 / 6 / 7

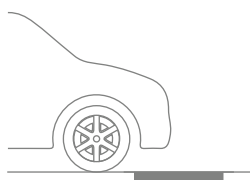
Max no. fixtures	PSU	IP	Page
1...n	24Vdc	20	847
1...n	24Vdc	67	847
-	RGB controller	-	855 - 860
-	RGBW controller	-	855 - 860





RIO

OUTDOOR LINEAR PROFILES FOR RECESSED LINES OF CONTINUOUS LIGHT



diffuse



WIDTH 20 mm



WIDTH 37 mm



2600K 2800K 3700K RGB

260 mm



RIO 1.0 p. 163
white light: 3W 24Vdc
RGB light: 4.5W 24Vdc

RIO 2.0 p. 167
white light: 5W 24Vdc
RGB light: 4.5W 24Vdc

510 mm



RIO 1.1 p. 163
white light: 6W 24Vdc
RGB light: 8.5W 24Vdc

RIO 2.1 p. 167
white light: 10W 24Vdc
RGB light: 8.5W 24Vdc

1010 mm



RIO 1.2 p. 164
white light: 12W 24Vdc
RGB light: 17W 24Vdc

RIO 2.2 p. 168
white light: 19W 24Vdc
RGB light: 17W 24Vdc

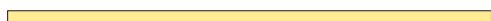
1510 mm



RIO 1.3 p. 165
white light: 18W 24Vdc
RGB light: 26W 24Vdc

RIO 2.3 p. 169
white light: 29W 24Vdc
RGB light: 26W 24Vdc

2010 mm



RIO 1.4 p. 165
white light: 24W 24Vdc
RGB light: 34W 24Vdc

RIO 2.4 p. 169
white light: 38W 24Vdc
RGB light: 34W 24Vdc



NON-STANDARD LENGTHS AVAILABLE ON REQUEST



RECESSED MOUNTING IN CEILING, WALL OR GROUND USING SPECIAL OUTER CASING AND INSTALLATION KIT



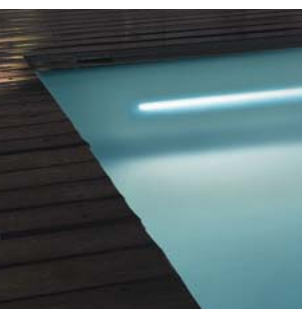
ALUMINIUM OUTER CASING



STAINLESS STEEL OUTER CASING



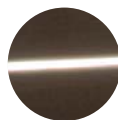
ALUMINIUM OUTER CASING FOR PLASTERBOARD



UNDERWATER VERSION: RIO SUB, P. 716



DRIVE-OVER UP TO 5000 KG (WITH ALUMINIUM OUTER CASING)



NO DARK ZONE BETWEEN FIXTURES

RIO

UNIQUE SELLING POINTS

IP67

SUITABLE
FOR OUTDOOR
APPLICATIONS



RGB VERSION

IPS

BUILT-IN
PROTECTION
SYSTEMS:

IPS
INTELLIGENT
PROTECTION
SYSTEM



BUILT-IN
TEMPERATURE
SENSOR, AND
THERMAL
MANAGEMENT
IN CEM3

IK10

BODY AND SCREEN
IN PMMA TO GUARANTEE
HIGH RESISTANCE



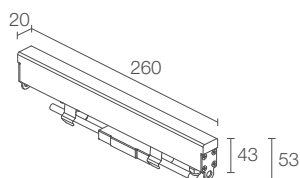
< RIO 1.2
2800K, 12W

Light planning by / Alve Iluminación
Plaza del Parrote, A Coruña, Spain

RIO 1



RIO 1.0



RIO 1.1



POWER / POWER SUPPLY	3W 24Vdc white light 260 mm 4.5W 24Vdc RGB light 260 mm
CODE	RE1000 ■ D B - ■
LED COLOUR	F - 2600K 5 - 2800K 9 - 3700K 6 - RGB
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 2x0.35/0.75 Ø6.3 mm RGB: includes 1.5 m FEP+PCP cable (equivalent to H05RN-F) 4x0.50/0.50 Ø6.3 mm 1 - 5 m 2 - 10 m (only white light) 3 - 15 m (only white light) 4 - 20 m (only white light)
OPTICS	diffuse
LUMEN OUTPUT AT SOURCE	336 lm (2800K) RGB: 70 lm, R: 15 lm G: 45 lm B: 10 lm
DELIVERED LUMEN OUTPUT	70 lm (2800K) RGB: 50 lm, R: 11 lm G: 32 lm B: 7 lm
NO. AND TYPE OF LED	24 SMD low-power LEDs 3-step MacAdam RGB: SMD full-colour LED 50000h L95 B10 (Ta 25°C)
MATERIAL	body in PMMA screen in opal PMMA end caps in AISI 316L stainless steel
POWER SUPPLY UNIT	not included, see p. 170
MOUNTING	recessed (ceiling, wall, ground)
ACCESSORIES	see p. 170
NOTES	underwater version: Rio Sub 1, p. 718 non-standard lengths available on request
PHOTOMETRIC DATA	see p. 803

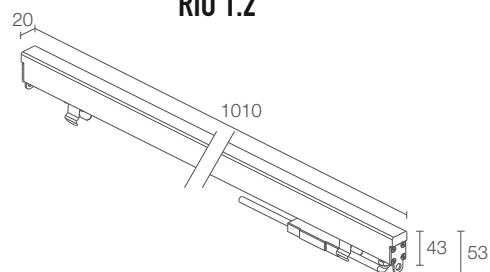
POWER / POWER SUPPLY	6W 24Vdc white light 510 mm 8.5W 24Vdc RGB light 510 mm
CODE	RE1100 ■ D B - ■
LED COLOUR	F - 2600K 5 - 2800K 9 - 3700K 6 - RGB
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 2x0.35/0.75 Ø6.3 mm RGB: includes 1.5 m FEP+PCP cable (equivalent to H05RN-F) 4x0.50/0.50 Ø6.3 mm 1 - 5 m 2 - 10 m (only white light) 3 - 15 m (only white light) 4 - 20 m (only white light)
OPTICS	diffuse
LUMEN OUTPUT AT SOURCE	672 lm (2800K) RGB: 140 lm, R: 30 lm G: 90 lm B: 20 lm
DELIVERED LUMEN OUTPUT	140 lm (2800K) RGB: 100 lm, R: 22 lm G: 64 lm B: 14 lm
NO. AND TYPE OF LED	48 SMD low-power LEDs 3-step MacAdam RGB: SMD full-colour LED 50000h L95 B10 (Ta 25°C)
MATERIAL	body in PMMA screen in opal PMMA end caps in AISI 316L stainless steel
POWER SUPPLY UNIT	not included, see p. 170
MOUNTING	recessed (ceiling, wall, ground)
ACCESSORIES	see p. 170
NOTES	underwater version: Rio Sub 1, p. 718 non-standard lengths available on request
PHOTOMETRIC DATA	see p. 803



^
RIO 1.4
2800K, 24W

Light planning by / Lumidée
Five Smíchov
Prague, Czech Republic

RIO 1.2



A+ A+ A++



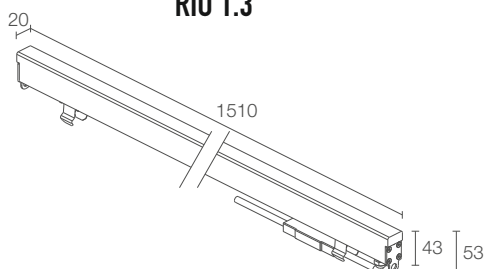
T max 40°C

POWER / POWER SUPPLY	12W 24Vdc white light 1010 mm 17W 24Vdc RGB light 1010 mm
CODE	RE1200 ■ D ■ B - ■
LED COLOUR	F - 2600K 5 - 2800K 9 - 3700K 6 - RGB
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 2x0.35/0.75 Ø6.3 mm RGB: includes 1.5 m FEP+PCP cable (equivalent to H05RN-F) 4x0.50/0.50 Ø6.3 mm 1 - 5 m 2 - 10 m (only white light) 3 - 15 m (only white light) 4 - 20 m (only white light)
OPTICS	diffuse
LUMEN OUTPUT AT SOURCE	1344 lm (2800K) RGB: 280 lm, R: 60 lm G: 180 lm B: 40 lm
DELIVERED LUMEN OUTPUT	280 lm (2800K) RGB: 200 lm, R: 44 lm G: 128 lm B: 28 lm
NO. AND TYPE OF LED	96 SMD low-power LEDs 3-step MacAdam RGB: SMD full-colour LED 50000h L95 B10 (Ta 25°C)
MATERIAL	body in PMMA screen in opal PMMA end caps in AISI 316L stainless steel
POWER SUPPLY UNIT	not included, see p. 170
MOUNTING	recessed (ceiling, wall, ground)
ACCESSORIES	see p. 170
NOTES	underwater version: Rio Sub 1, p. 718 non-standard lengths available on request
PHOTOMETRIC DATA	see p. 803

RIO 1



RIO 1.3



18W 24Vdc white light 1510 mm
26W 24Vdc RGB light 1510 mm
RE1300 ■ **D B** - ■

■ **F** - 2600K
5 - 2800K
9 - 3700K
6 - RGB

■ includes 1.5 m neoprene cable
H05RN-F 2x0.35/0.75 Ø6.3 mm
RGB: includes 1.5 m FEP+PCP cable
(equivalent to H05RN-F) 4x0.50/0.50 Ø6.3 mm
1 - 5 m
2 - 10 m (only white light)
3 - 15 m (only white light)
4 - 20 m (only white light)

diffuse

2016 lm (2800K)
RGB: 420 lm, R: 90 lm G: 270 lm B: 60 lm

420 lm (2800K)
RGB: 300 lm, R: 66 lm G: 192 lm B: 42 lm

144 SMD low-power LEDs
3-step MacAdam
RGB: SMD full-colour LED
50000h L95 B10 (Ta 25°C)

body in PMMA
screen in opal PMMA
end caps in AISI 316L stainless steel

not included, see p. 170

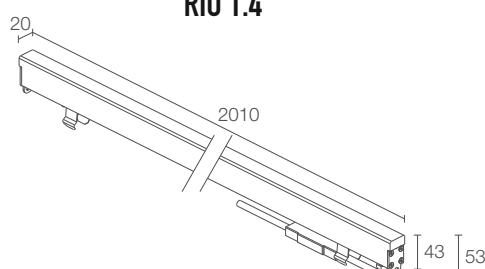
recessed (ceiling, wall, ground)

see p. 170

underwater version: Rio Sub 1, p. 718
non-standard lengths available on request

see p. 803

RIO 1.4



24W 24Vdc white light 2010 mm
34W 24Vdc RGB light 2010 mm
RE1400 ■ **D B** - ■

■ **F** - 2600K
5 - 2800K
9 - 3700K
6 - RGB

■ includes 1.5 m neoprene cable
H05RN-F 2x0.35/0.75 Ø6.3 mm
RGB: includes 1.5 m FEP+PCP cable
(equivalent to H05RN-F) 4x0.50/0.50 Ø6.3 mm
1 - 5 m
2 - 10 m (only white light)
3 - 15 m (only white light)
4 - 20 m (only white light)

diffuse

2688 lm (2800K)
RGB: 560 lm, R: 120 lm G: 360 lm B: 80 lm

560 lm (2800K)
RGB: 400 lm, R: 88 lm G: 256 lm B: 56 lm

192 SMD low-power LEDs
3-step MacAdam
RGB: SMD full-colour LED
50000h L95 B10 (Ta 25°C)

body in PMMA
screen in opal PMMA
end caps in AISI 316L stainless steel

not included, see p. 170

recessed (ceiling, wall, ground)

see p. 170

underwater version: Rio Sub 1, p. 718
non-standard lengths available on request

see p. 803

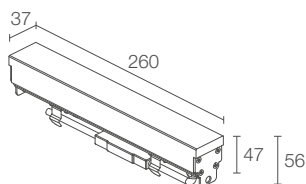


< RIO 2
2800K, 19W/m, version with customized lengths
Project by / AWP
Light planning by / 8'18"
Jardins de l'Arche, Paris, France

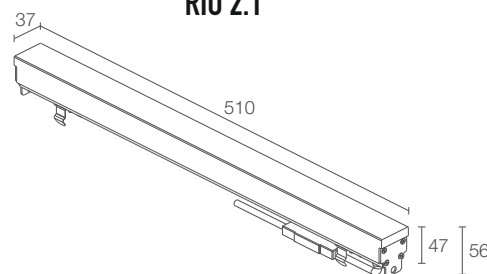
RIO 2



RIO 2.0



RIO 2.1

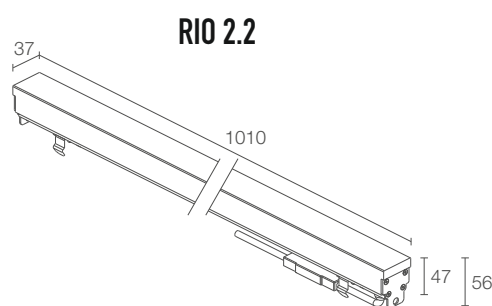


POWER / POWER SUPPLY	5W 24Vdc white light 260 mm 4.5W 24Vdc RGB light 260 mm
CODE	RE2000 ■ D B - ■
LED COLOUR	F - 2600K 5 - 2800K 9 - 3700K 6 - RGB
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 2x0.35/0.75 Ø6.3 mm RGB: includes 1.5 m FEP+PCP cable (equivalent to H05RN-F) 4x0.50/0.50 Ø6.3 mm 1 - 5 m 2 - 10 m (only white light) 3 - 15 m (only white light) 4 - 20 m (only white light)
OPTICS	diffuse
LUMEN OUTPUT AT SOURCE	528 lm (2800K) RGB: 70 lm, R: 15 lm G: 45 lm B: 10 lm
DELIVERED LUMEN OUTPUT	145 lm (2800K) RGB: 50 lm, R: 11 lm G: 32 lm B: 7 lm
NO. AND TYPE OF LED	48 SMD low-power LEDs 3-step MacAdam RGB: SMD full-colour LED 50000h L95 B10 (Ta 25°C)
MATERIAL	body in PMMA screen in opal PMMA end caps in AISI 316L stainless steel
POWER SUPPLY UNIT	not included, see p. 170
MOUNTING	recessed (ceiling, wall, ground)
ACCESSORIES	see p. 170
NOTES	underwater version: Rio Sub 2, p. 719 non-standard lengths available on request
PHOTOMETRIC DATA	see p. 803

POWER / POWER SUPPLY	10W 24Vdc white light 510 mm 8.5W 24Vdc RGB light 510 mm
CODE	RE2100 ■ D B - ■
LED COLOUR	F - 2600K 5 - 2800K 9 - 3700K 6 - RGB
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 2x0.35/0.75 Ø6.3 mm RGB: includes 1.5 m FEP+PCP cable (equivalent to H05RN-F) 4x0.50/0.50 Ø6.3 mm 1 - 5 m 2 - 10 m (only white light) 3 - 15 m (only white light) 4 - 20 m (only white light)
OPTICS	diffuse
LUMEN OUTPUT AT SOURCE	1056 lm (2800K) RGB: 140 lm, R: 30 lm G: 90 lm B: 20 lm
DELIVERED LUMEN OUTPUT	290 lm (2800K) RGB: 100 lm, R: 22 lm G: 64 lm B: 14 lm
NO. AND TYPE OF LED	96 SMD low-power LEDs 3-step MacAdam RGB: SMD full-colour LED 50000h L95 B10 (Ta 25°C)
MATERIAL	body in PMMA screen in opal PMMA end caps in AISI 316L stainless steel
POWER SUPPLY UNIT	not included, see p. 170
MOUNTING	recessed (ceiling, wall, ground)
ACCESSORIES	see p. 170
NOTES	underwater version: Rio Sub 2, p. 719 non-standard lengths available on request
PHOTOMETRIC DATA	see p. 803



^
RIO 2.3
 3700K, 29W
RONDÒ 1.2
 3000K, 4W, radial optics
 micro-blasted stainless steel
BRIGHT 2.8
 3000K, 3.5W, 41°, stainless steel
 Project by / geom. Giuseppe Carannante
 Villa Punta Pennata, Bacoli, Naples, Italy

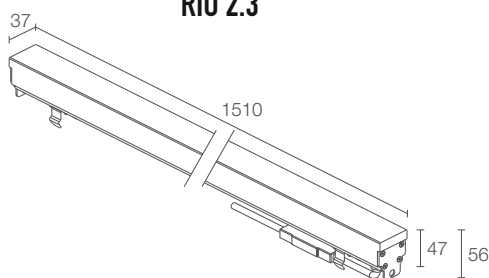


POWER / POWER SUPPLY	19W 24Vdc white light 1010 mm 17W 24Vdc RGB light 1010 mm
CODE	RE2200 ■ D ■ B - ■
LED COLOUR	F - 2600K 5 - 2800K 9 - 3700K 6 - RGB
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 2x0.35/0.75 Ø6.3 mm RGB: includes 1.5 m FEP+PCP cable (equivalent to H05RN-F) 4x0.50/0.50 Ø6.3 mm 1 - 5 m 2 - 10 m (only white light) 3 - 15 m (only white light) 4 - 20 m (only white light)
OPTICS	diffuse
LUMEN OUTPUT AT SOURCE	2112 lm (2800K) RGB: 280 lm, R: 60 lm G: 180 lm B: 40 lm
DELIVERED LUMEN OUTPUT	580 lm (2800K) RGB: 200 lm, R: 44 lm G: 128 lm B: 28 lm
NO. AND TYPE OF LED	192 SMD low-power LEDs 3-step MacAdam RGB: SMD full-colour LED 50000h L95 B10 (Ta 25°C)
MATERIAL	body in PMMA screen in opal PMMA end caps in AISI 316L stainless steel
POWER SUPPLY UNIT	not included, see p. 170
MOUNTING	recessed (ceiling, wall, ground)
ACCESSORIES	see p. 170
NOTES	underwater version: Rio Sub 2, p. 719 non-standard lengths available on request
PHOTOMETRIC DATA	see p. 803

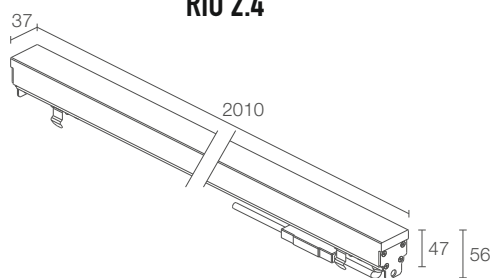
RIO 2



RIO 2.3



RIO 2.4



29W 24Vdc white light 1510 mm
26W 24Vdc RGB light 1510 mm
RE2300 ■ D B - ■

38W 24Vdc white light 2010 mm
34W 24Vdc RGB light 2010 mm
RE2400 ■ D B - ■

■	F - 2600K 5 - 2800K 9 - 3700K 6 - RGB
■	includes 1.5 m neoprene cable H05RN-F 2x0.35/0.75 Ø6.3 mm RGB: includes 1.5 m FEP+PCP cable (equivalent to H05RN-F) 4x0.50/0.50 Ø6.3 mm 1 - 5 m 2 - 10 m (only white light) 3 - 15 m (only white light) 4 - 20 m (only white light)

■	F - 2600K 5 - 2800K 9 - 3700K 6 - RGB
■	includes 1.5 m neoprene cable H05RN-F 2x0.35/0.75 Ø6.3 mm RGB: includes 1.5 m FEP+PCP cable (equivalent to H05RN-F) 4x0.50/0.50 Ø6.3 mm 1 - 5 m 2 - 10 m (only white light) 3 - 15 m (only white light) 4 - 20 m (only white light)

diffuse

diffuse

3168 lm (2800K)
RGB: 420 lm, R: 90 lm G: 270 lm B: 60 lm

4224 lm (2800K)
RGB: 560 lm, R: 120 lm G: 360 lm B: 80 lm

870 lm (2800K)
RGB: 300 lm, R: 66 lm G: 192 lm B: 42 lm

1160 lm (2800K)
RGB: 400 lm, R: 88 lm G: 256 lm B: 56 lm

288 SMD low-power LEDs
3-step MacAdam
RGB: SMD full-colour LED
50000h L95 B10 (Ta 25°C)

384 SMD low-power LEDs
3-step MacAdam
RGB: SMD full-colour LED
50000h L95 B10 (Ta 25°C)

body in PMMA
screen in opal PMMA
end caps in AISI 316L stainless steel

body in PMMA
screen in opal PMMA
end caps in AISI 316L stainless steel

not included, see p. 170

not included, see p. 170

recessed (ceiling, wall, ground)

recessed (ceiling, wall, ground)

see p. 170

see p. 170

underwater version: Rio Sub 2, p. 719
non-standard lengths available on request

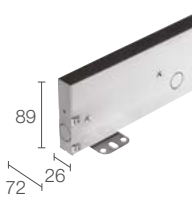
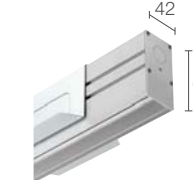
underwater version: Rio Sub 2, p. 719
non-standard lengths available on request

see p. 803

see p. 803

RIO

ACCESSORIES AND POWER SUPPLY UNITS

	RIO 1.0	RIO 1.1	RIO 1.2	RIO 1.3	RIO 1.4		RIO 2.0	RIO 2.1	RIO 2.2	RIO 2.3	RIO 2.4
ACCESSORIES FOR INSTALLATION											
 <p>75 26</p> <p>Aluminium outer casing</p>	WC8110 264 mm	WC8111 514 mm	WC8112 1014 mm	WC8113 1515 mm	WC8114 2015 mm	 <p>84 42</p> <p>Aluminium outer casing</p>	WC8220 264 mm	WC8221 514 mm	WC8222 1014 mm	WC8223 1515 mm	WC8224 2015 mm
 <p>89 72 26</p> <p>Stainless steel outer casing</p>	WC8150 263 mm	WC8151 513 mm	WC8152 1013 mm	WC8153 1514 mm	WC8154 2014 mm	 <p>89 72 40</p> <p>Stainless steel outer casing</p>	WC8250 263 mm	WC8251 513 mm	WC8252 1013 mm	WC8253 1514 mm	WC8254 2014 mm
 <p>26 75</p> <p>Aluminium outer casing for plasterboard</p> <p>for spare parts, see p. 866</p>	WC8310 264 mm	WC8311 514 mm	WC8312 1014 mm	WC8313 1515 mm	WC8314 2015 mm	 <p>42 84</p> <p>Aluminium outer casing for plasterboard</p> <p>for spare parts, see p. 866</p>	WC8420 264 mm	WC8421 514 mm	WC8422 1014 mm	WC8423 1515 mm	WC8424 2015 mm

ACCESSORIES FOR INSTALLATION

 <p>WN8101 Anti-fall kit (Rio 1)</p>	 <p>WN8102 Anti-fall kit (Rio 2)</p>	 <p>WN6005 Alignment kit for aluminium outer casings</p>	 <p>WN8011 Alignment kit for stainless steel outer casings</p>
--	--	--	--

POWER CABLES

the choice of power cable is included in the configuration of the code for the lighting fixture

-1 length 5 m	white LED colour	RGB
-2 length 10 m	Neoprene cables	FEP+PCP cable (equivalent to H05RN-F cables)
-3 length 15 m	H05RN-F 2x0.35/0.75 Ø6.3 mm IPS	4x0.50/0.50 Ø6.3 mm IPS
-4 length 20 m		

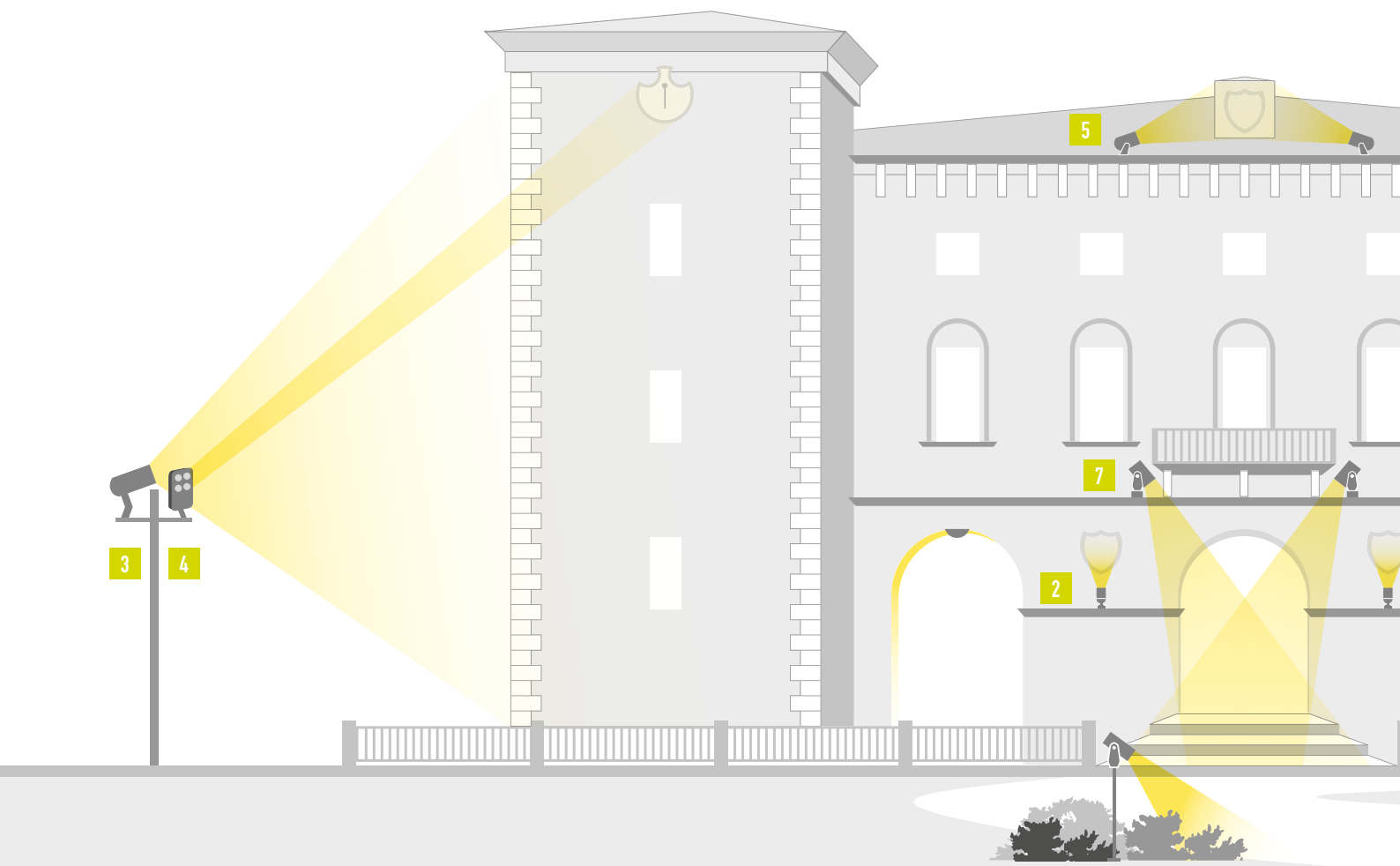
POWER SUPPLY UNITS

Max no. fixtures	PSU	IP	Page
1...n	24Vdc	20	847
1...n	24Vdc	67	847
-	RGB controller	-	855 - 860

RIO 2 >
3700K, 19W/m, version with customized lengths
Project by / Salvatore Ferragamo HQ Store planning
Light planning by / Salvatore Ferragamo HQ Store planning
in association with Flux cs Studio
Salvatore Ferragamo Tokyo Ginza Flagship Store
Tokyo, Japan



Salvatore Ferragamo Salvatore Ferragamo



1 GINKO p. 176

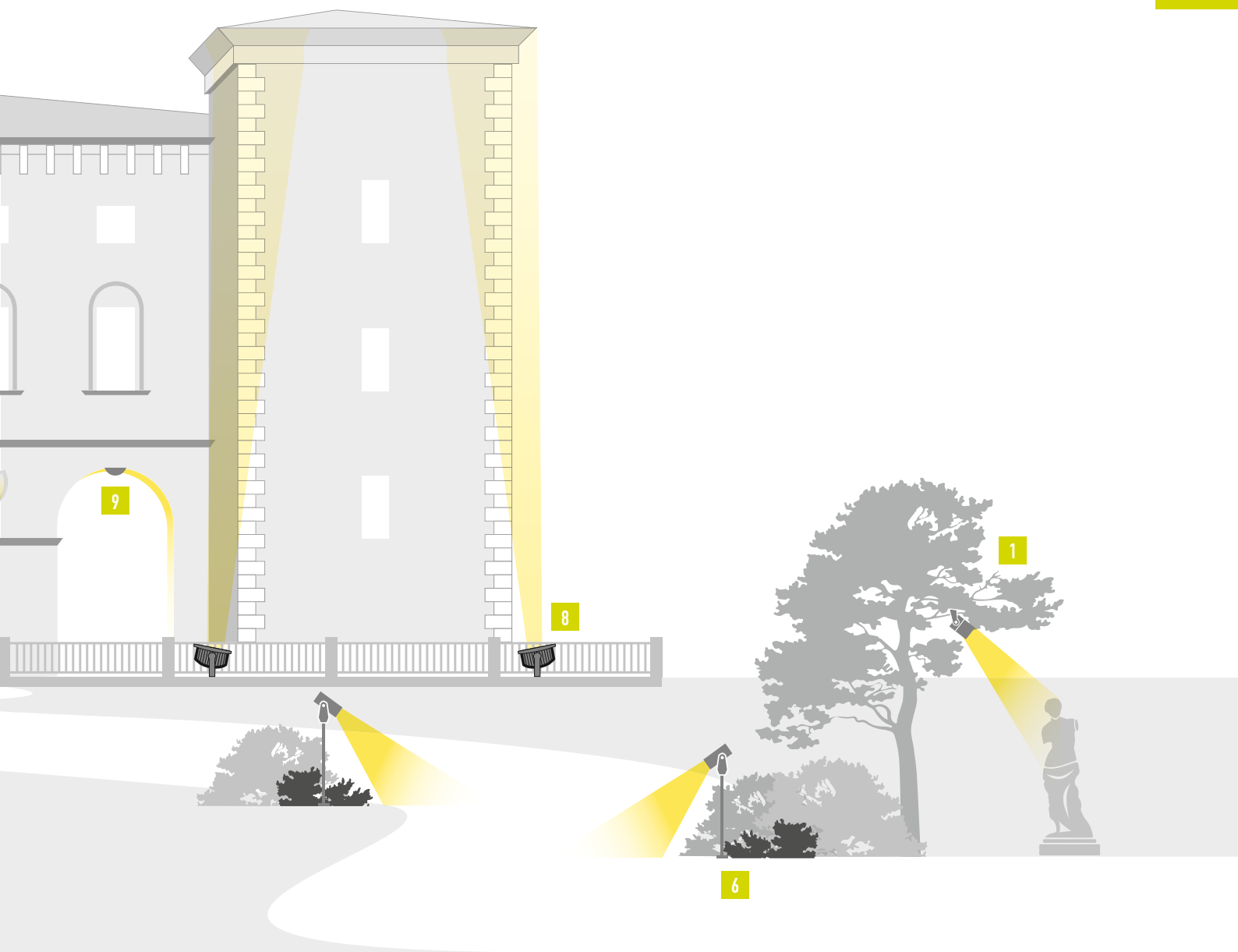
2 PIVOT p. 188

3 AKRO p. 194

4 SIRI p. 202

PROJECTORS

FOR OUTDOOR APPLICATIONS



5 SPOT p. 214

6 FLORI p. 222

7 KLEO p. 230

8 STRA P p. 236

9 LYSS p. 240



GINKO
see p. 176



PIVOT
see p. 188



AKRO
see p. 194

APPLICATION		landscapes, gardens, architectural lighting	architectural details	lighting effects
BEAM	FIXED FOCUS	•	•	
	ZOOM LENS	•		•
	BLADE OF LIGHT			
LIGHT COLOUR		 2700K 3000K 4000K RGB	 2700K 3000K 4000K RGB	 2700K 3000K 4000K
ADJUSTABILITY				
POWER SUPPLY	CONSTANT CURRENT power supply unit not included	max 500mA (RGB light)	max 500mA (RGB light)	max 1050mA
	CONSTANT VOLTAGE power supply unit not included	24Vdc (white light)	24Vdc (white light)	
	MAINS VOLTAGE built-in power supply unit			230Vac
CONTROL SYSTEM				DALI 1-10V
IP		IP66	IP65 / IP66	IP66
APPLIANCE CLASS				
UNIQUE SELLING POINTS		shadow-effect filter IP69K		interchangeable optical filters



SIRI
see p. 202

architectural lighting,
large buildings



SPOT
see p. 214

accent lighting



FLORI
see p. 222

landscapes,
gardens



KLEO
see p. 230

facades



STRA P
see p. 236

architectural lighting,
large buildings

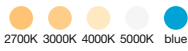


LYSS
see p. 240

architectural details
(arches, corners, windowsills)



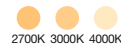
2700K 3000K 4000K 5000K RGBW



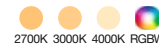
2700K 3000K 4000K 5000K blue



2700K 3000K 4000K RGBW



2700K 3000K 4000K



2700K 3000K 4000K RGBW



2700K 3000K 4000K blue RGBW



max 500mA

24Vdc
(RGBW light)

24Vdc

24Vdc
(RGBW light)

24Vdc
(RGBW light)

24Vdc
(white/blue/RGBW light)

230Vac
(white light)

230Vac

230Vac
(white light)

230Vac

230Vac
(white light)

230Vac
(white/blue light)

1-10V

1-10V

IP66

IP66 / IP68

IP66

IP66

IP66

IP65







GINKO

OUTDOOR PROJECTORS
VERSATILE LIGHT FOR ENHANCING GREEN AREAS



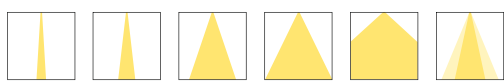
2700K 3000K 4000K

Ø34 mm

Ø54 mm

Ø84 mm

FIXED FOCUS



ultra-narrow

narrow

medium

wide

ultra-wide

elliptical



GINKO 1.0 p. 181
2.5W/3.5W
24Vdc



GINKO 2.0 p. 182
3.5W/5W/7W
24Vdc



GINKO 3.0 p. 185
10W/15W
24Vdc

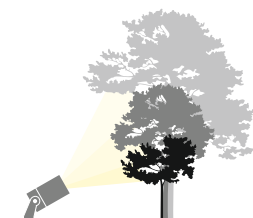


GINKO 2.2 p. 183
max 5W
max 500mA



RGB

ZOOM LENS



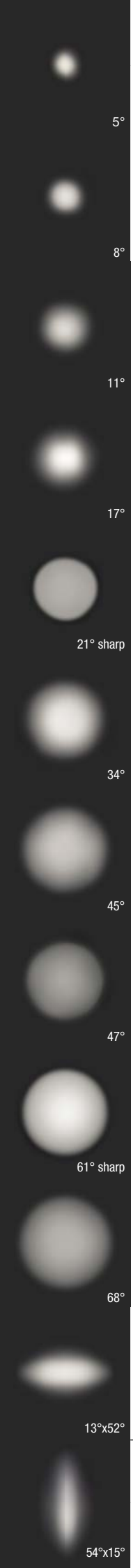
GINKO 1.4 p. 181
3.5W
24Vdc



GINKO 2.4 p. 183
7W
24Vdc



GINKO 3.4 p. 185
15W
24Vdc



6-STEP MATERIAL PROTECTION, OXIDATION AND CORROSION RESISTANCE

Low-copper-content anticorrosive aluminium alloy 6082
Preparation for painting with ALODINE NT-E® coating
Epoxy paint
Polyester paint
Paints compliant with Qualicoat automotive coating standard
Salt spray tested (over 1500 hours)



RAL FINISH ON REQUEST



SUITABLE FOR OUTDOOR APPLICATIONS

GINKO 3.0 / 3.4:
ELLIPTICAL OPTICS,
ADJUSTABLE MANUALLY
THROUGH 360° USING
MAGNET INCLUDED
(PATENTED)

BUILT-IN PROTECTION SYSTEMS:



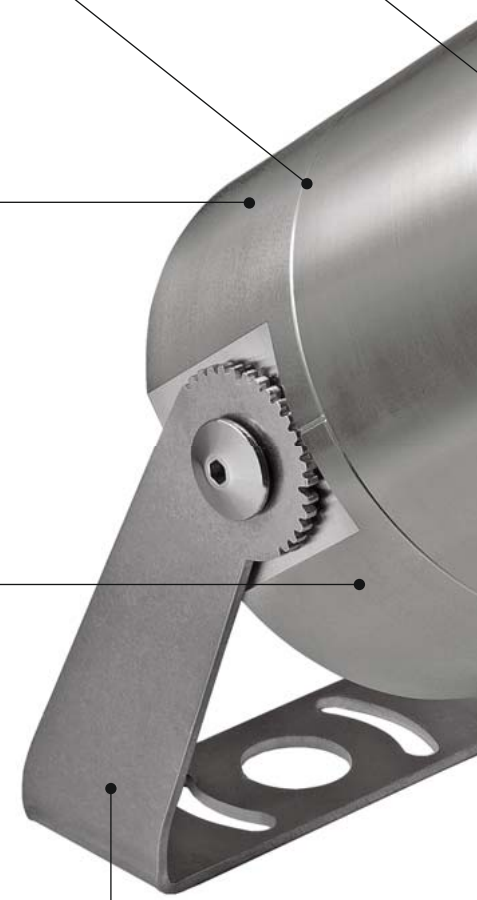
IPS INTELLIGENT PROTECTION SYSTEM



PID PROTECTIVE IMPEDANCE DEVICE

BODY AND TRIM IN AISI 316L STAINLESS STEEL OR IN LOW-COPPER-CONTENT ANTICORRODAL ALUMINIUM ALLOY 6082 FOR EXCELLENT RESISTANCE TO CORROSION MADE ENTIRELY ON A CNC LATHE

GINKO 2 HAS A WIDE RANGE OF OPTICS, INCLUDING A VERY NARROW 5°, AND ELLIPTICAL OPTICS. SHARP OPTICS ARE ALSO AVAILABLE, WHICH CREATE LIGHT BEAMS WITH PIN-SHARP EDGES



BRACKET IN AISI 316L STAINLESS STEEL



GINKO

UNIQUE SELLING POINTS

CRI 80 AND CRI >90
VERSIONS
FOR IMPROVED
COLOUR RENDERING



4-MM-THICK TRANSPARENT
EXTRA-CLEAR GLASS
WITH VITRIFIED SERIGRAPHY,
HIGH TRANSMITTANCE
TO ENSURE CHROMATIC
UNIFORMITY AND
TEMPERED FOR EXCELLENT
RESISTANCE TO KNOCKS
AND SCRATCHES

IK07
GINKO 1 / 2

IK09
GINKO 3

JASPER GREEN
FINISH DEVELOPED
SPECIFICALLY
FOR USE IN
LANDSCAPE DESIGN



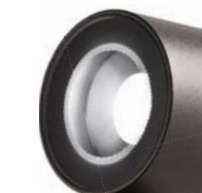
CABLE GLAND
INTEGRATED IN
LIGHTING FIXTURE



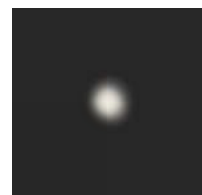
FLEXIBLE
CABLE-PROTECTION
TUBE ACCESSORY
(GINKO 1 / 2)



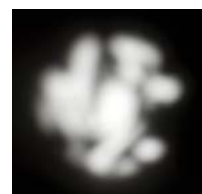
ANTI-GLARE
RECESSED OPTICS



5° OPTICS
TO DIRECT
THE BEAM ONTO
SMALL SURFACES
EVEN AT
GREAT DISTANCES



THE SHADOW-EFFECT
FILTER ACCESSORY
RECREATES THE NATURAL
DAPPLED EFFECT
OF LIGHT SHINING
THROUGH FOLIAGE

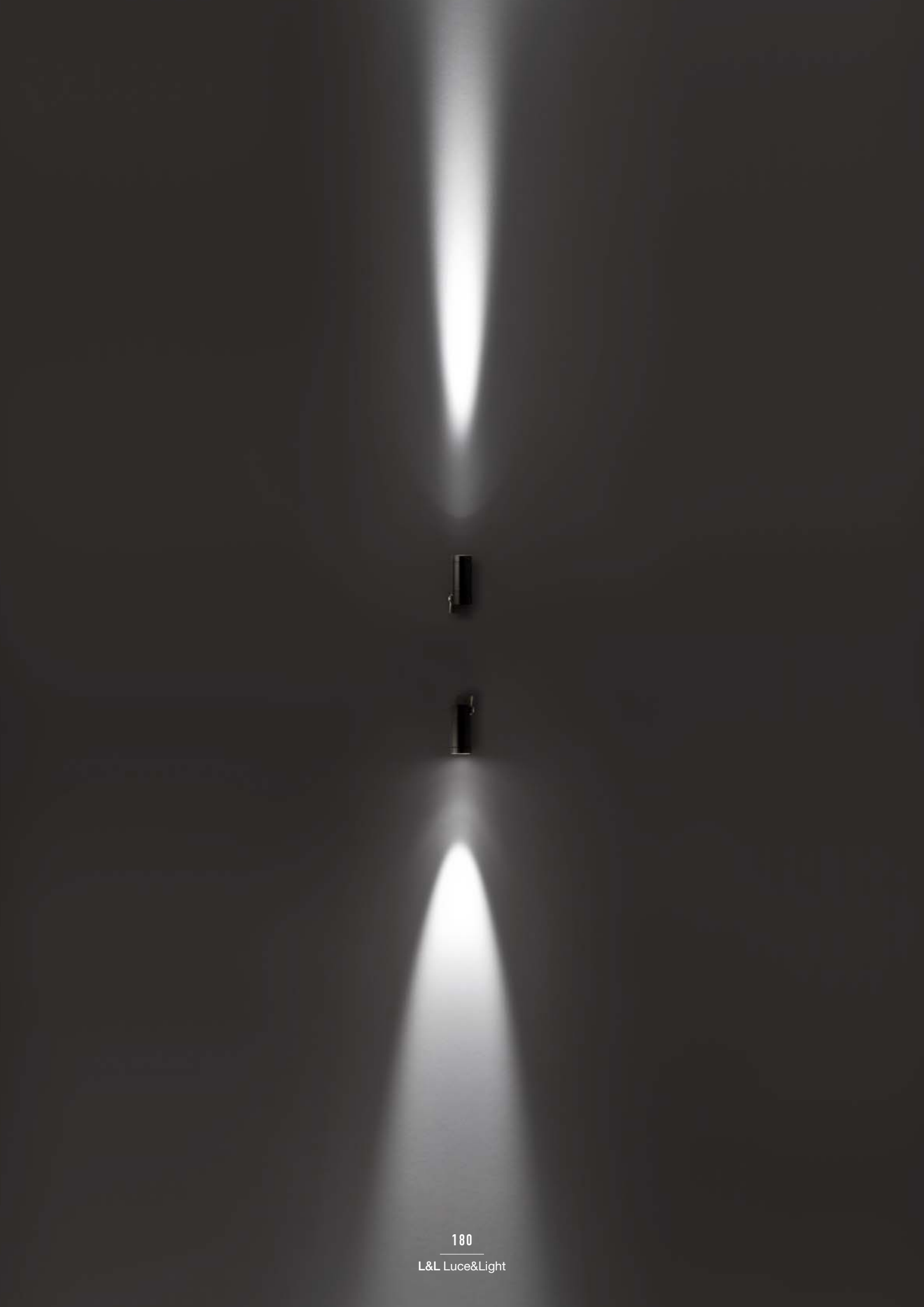


MANUAL ZOOM
LENS TO ALLOW
THE BEAM TO BE
CONTROLLED MANUALLY
DURING INSTALLATION



IP69K
RESISTANT TO CLEANING
WITH HIGH-PRESSURE,
HIGH-TEMPERATURE
SPRAY-DOWNS
(ISO 20653 COMPLIANT)

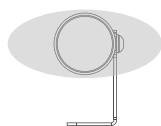
IP69K





< GINKO 1.4
3000K, 3.5W, optical range 8°–28°
anodized black

GINKO 1



16°x36° optics
(Ginko 1.0)



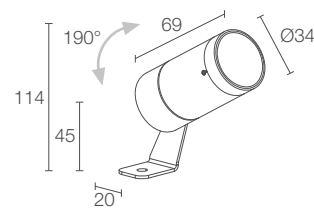
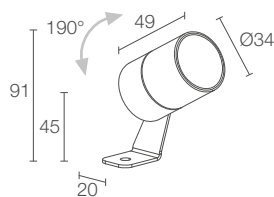
GINKO 1.0



GINKO 1.4



36°x16° optics
(Ginko 1.0)



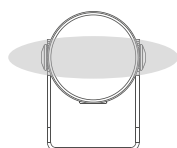
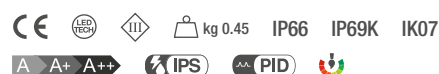
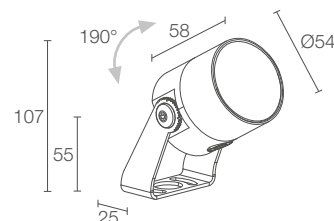
POWER SUPPLY CODE	24Vdc GN100 ■ ■ ■ ■ ■ I Stainless steel GN100 ■ ■ ■ ■ ■ E White GN100 ■ ■ ■ ■ ■ N Anodized black GN100 ■ ■ ■ ■ ■ F Grey GN100 ■ ■ ■ ■ ■ H Anthracite GN100 ■ ■ ■ ■ ■ T Cor-ten GN100 ■ ■ ■ ■ ■ 5 Jasper green
POWER	0 - 2.5W 1 - 3.5W
CRI	0 - CRI 80 1 - CRI >90
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	T - 12° (4000K only CRI 80) S - 19° M - 36° U - 38° sharp Q - 58° W - 16°x36° X - 36°x16°
LUMEN OUTPUT AT SOURCE	168 lm (3000K, 2.5W, CRI 80) 224 lm (3000K, 3.5W, CRI 80)
DELIVERED LUMEN OUTPUT	146 lm (3000K, 19°, 2.5W, CRI 80) 193 lm (3000K, 19°, 3.5W, CRI 80)
NO. AND TYPE OF LED	1 power LED 1/4 ANSI BIN, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in AISI 316L stainless steel or anticorodal aluminium bracket in AISI 316L stainless steel screen in serigraphed, tempered, transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 187
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm
MOUNTING	surface mounted (ceiling, wall, ground, spike, strap)
ACCESSORIES	see p. 186
PHOTOMETRIC DATA	see p. 766

POWER SUPPLY CODE	24Vdc GN1401 ■ ■ ■ ■ ■ R1 E White GN1401 ■ ■ ■ ■ ■ R1 N Anodized black GN1401 ■ ■ ■ ■ ■ R1 F Grey GN1401 ■ ■ ■ ■ ■ R1 H Anthracite GN1401 ■ ■ ■ ■ ■ R1 T Cor-ten GN1401 ■ ■ ■ ■ ■ R1 5 Jasper green
POWER	3.5W
CRI	0 - CRI 80 1 - CRI >90
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	optical range 8°–28°
LUMEN OUTPUT AT SOURCE	224 lm (3000K, CRI 80)
DELIVERED LUMEN OUTPUT	42 lm (3000K, 28°, CRI 80)
NO. AND TYPE OF LED	1 power LED 1/4 ANSI BIN, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in anticorodal aluminium bracket in AISI 316L stainless steel screen in serigraphed, tempered, transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 187
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm
MOUNTING	surface mounted (ceiling, wall, ground, spike, strap)
ACCESSORIES	see p. 187
PHOTOMETRIC DATA	see p. 766

GINKO 2



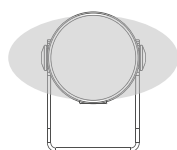
GINKO 2.0



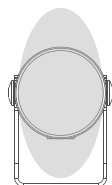
13°x52° optics
(Ginko 2.0)



54°x15° optics
(Ginko 2.0)



21°x42° optics
(Ginko 2.2)



42°x21° optics
(Ginko 2.2)

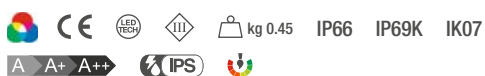
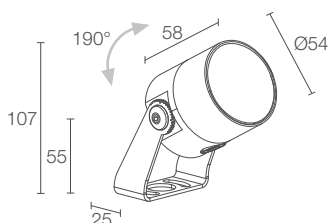
POWER SUPPLY CODE

24Vdc							
GN200	■	■	■	■	I	Stainless steel	
GN200	■	■	■	■	E	White	
GN200	■	■	■	■	N	Anodized black	
GN200	■	■	■	■	G	Grey	
GN200	■	■	■	■	H	Anthracite	
GN200	■	■	■	■	T	Cor-ten	
GN200	■	■	■	■	5	Jasper green	

POWER	0 - 3.5W only 5° optics (4000K only CRI 80) 1 - 5W 2 - 7W
CRI	0 - CRI 80 1 - CRI >90
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	U - 5° only 3.5W (4000K only CRI 80) V - 8° T - 11° S - 17° P - 21° sharp M - 34° L - 45° J - 47° Q - 61° sharp K - 68° W - 13°x52° X - 54°x15°
LUMEN OUTPUT AT SOURCE	488 lm (3000K, 5W, CRI 80) 657 lm (3000K, 7W, CRI 80)
DELIVERED LUMEN OUTPUT	352 lm (3000K, 34°, 5W, CRI 80) 463 lm (3000K, 34°, 7W, CRI 80)
NO. AND TYPE OF LED	1 high intensity power LED 3-step MacAdam, 50000h L90 B10 (Ta 25°C) version with 5° optics: 1 power LED 1/4 ANSI BIN, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in AISI 316L stainless steel or anticorodal aluminium bracket in AISI 316L stainless steel screen in serigraphed, tempered, transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 187
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm
WIRING	parallel
MOUNTING	surface mounted (ceiling, wall, ground, spike, strap)
ACCESSORIES	see p. 186
PHOTOMETRIC DATA	see p. 767



GINKO 2.2



max 500mA

- GN2232 6 I** Stainless steel
- GN2232 6 E** White
- GN2232 6 N** Anodized black
- GN2232 6 F** Grey
- GN2232 6 H** Anthracite
- GN2232 6 T** Cor-ten
- GN2232 6 5** Jasper green

max 5W

RGB

- S** - 20°
- M** - 34°
- L** - 45°
- W** - 21°x42°
- X** - 42°x21°

253 lm, R: 82 lm G: 114 lm B: 57 lm (500mA)

191 lm, R: 70 lm G: 90 lm B: 31 lm (500mA, 34°)

3 power LEDs
50000h L90 B10 (Ta 25°C)

body in AISI 316L stainless steel
or anticorodal aluminium
bracket in AISI 316L stainless steel
screen in serigraphed, tempered,
transparent extra-clear glass

not included, see p. 187

includes 1.5 m FEP+RUB cable
(equivalent to H05RN-F) 6x0.50/0.50 Ø6.3 mm

series

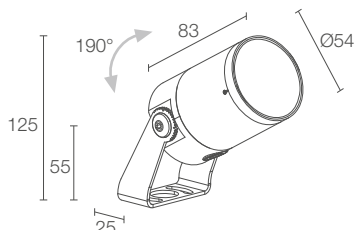
surface mounted (ceiling, wall, ground, spike, strap)

see p. 186

see p. 768



GINKO 2.4



24Vdc

- GN2401 R1 E** White
- GN2401 R1 N** Anodized black
- GN2401 R1 F** Grey
- GN2401 R1 H** Anthracite
- GN2401 R1 T** Cor-ten
- GN2401 R1 5** Jasper green

7W

- 0** - CRI 80
- 1** - CRI >90

- F** - 2700K
- 5** - 3000K
- 9** - 4000K

optical range 9°-36°

657 lm (3000K, CRI 80)

122 lm (3000K, 36°, CRI 80)

1 high intensity power LED
3-step MacAdam, 50000h L90 B10 (Ta 25°C)

body in anticorodal aluminium
bracket in AISI 316L stainless steel
screen in serigraphed, tempered,
transparent extra-clear glass

not included, see p. 187

includes 1.5 m neoprene cable
H05RN-F 2x0.75/0.75 Ø6.3 mm

parallel

surface mounted (ceiling, wall, ground, spike, strap)

see p. 187

see p. 768



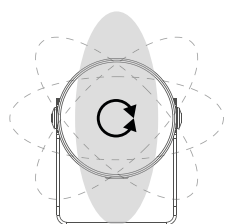
< GINKO 3.0
3000K, 15W, 48° sharp, anodized black with shadow-effect filter

GINKO 3



patented

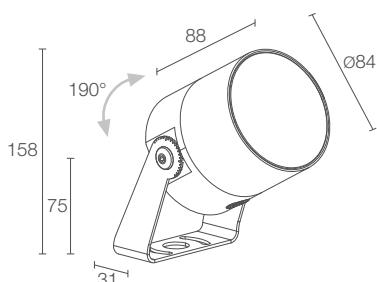
elliptical optics, adjusted manually with magnet



Adjustable elliptical optics



GINKO 3.0



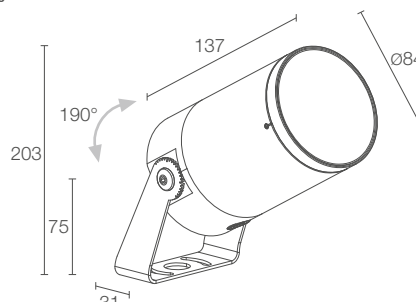
CE LED TECH III kg 1.25 IP66 IP69K IK09
A A+ A++ IPS

patented

elliptical optics, adjusted manually with magnet



GINKO 3.4



CE LED TECH III kg 1.53 IP66 IK09
A A+ A++ IPS

POWER SUPPLY CODE

- 24Vdc
GN300 ■ ■ ■ ■ ■ I Stainless steel
GN300 ■ ■ ■ ■ ■ E White
GN300 ■ ■ ■ ■ ■ N Anodized black
GN300 ■ ■ ■ ■ ■ F Grey
GN300 ■ ■ ■ ■ ■ H Anthracite
GN300 ■ ■ ■ ■ ■ T Cor-ten
GN300 ■ ■ ■ ■ ■ 5 Jasper green





- 24Vdc
GN3401 ■ ■ ■ ■ ■ E White
GN3401 ■ ■ ■ ■ ■ N Anodized black
GN3401 ■ ■ ■ ■ ■ F Grey
GN3401 ■ ■ ■ ■ ■ H Anthracite
GN3401 ■ ■ ■ ■ ■ T Cor-ten
GN3401 ■ ■ ■ ■ ■ 5 Jasper green

POWER	0 - 10W 1 - 15W
CRI	0 - CRI 80 1 - CRI >90
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K RGBW (10W 24Vdc) on request
OPTICS	S - 13° M - 30° L - 42° P - 48° sharp J - 58° W - 12°x64° adjustable X - 28°x72° adjustable
LUMEN OUTPUT AT SOURCE	1096 lm (3000K, 10W, CRI 80) 1662 lm (3000K, 15W, CRI 80)
DELIVERED LUMEN OUTPUT	750 lm (3000K, 42°, 10W, CRI 80) 1162 lm (3000K, 42°, 15W, CRI 80)
NO. AND TYPE OF LED	1 high power density COB LED 2-step MacAdam, 50000h L95 B10 (Ta 25°C)
MATERIAL	body in AISI 316L stainless steel or anticorodal aluminium bracket in AISI 316L stainless steel screen in serigraphed, tempered, transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 187
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm
MOUNTING	surface mounted (ceiling, wall, ground, spike, strap)
ACCESSORIES	see p. 186
FEATURES	12°x64° optics and 28°x72° optics and shadow-effect-filter, adjustable through 360° using magnet included
NOTES	version with bracket in customized length available on request
PHOTOMETRIC DATA	see p. 769

POWER	15W
CRI	0 - CRI 80 1 - CRI >90
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	R1 - optical range 8°-38° R2 - optical range 8°x66° - 36°x70° adjustable
LUMEN OUTPUT AT SOURCE	1662 lm (3000K, CRI 80)
DELIVERED LUMEN OUTPUT	350 lm (3000K, 38°, CRI 80)
NO. AND TYPE OF LED	1 high power density COB LED 2-step MacAdam, 50000h L95 B10 (Ta 25°C)
MATERIAL	body in anticorodal aluminium bracket in AISI 316L stainless steel screen in serigraphed, tempered, transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 187
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm
MOUNTING	surface mounted (ceiling, wall, ground, spike, strap)
ACCESSORIES	see p. 187
FEATURES	optical range 8°x66° - 36°x70° adjustable through 360° using magnet included
NOTES	
PHOTOMETRIC DATA	see p. 769

GINKO

ACCESSORIES AND POWER SUPPLY UNITS

	GINKO 1.0	GINKO 2.0	GINKO 2.2	GINKO 3.0
ANTI-GLARE ACCESSORIES  Honeycomb louvre built into the lighting fixture order together with the lighting fixture the honeycomb louvre can be fitted on all optics except for the sharp and adjustable elliptical optics	WH8001	WH0201	WH0201	WH8000
 Standard snout	WB8011E White WB8011N Anodized black WB8011F Grey WB8011H Anthracite WB8011T Cor-ten WB80115 Jasper green Ø39.5x40 mm	WB8012E White WB8012N Anodized black WB8012F Grey WB8012H Anthracite WB8012T Cor-ten WB80125 Jasper green Ø59.5x63 mm	WB8012E White WB8012N Anodized black WB8012F Grey WB8012H Anthracite WB8012T Cor-ten WB80125 Jasper green Ø59.5x63 mm	WB8010E White WB8010N Anodized black WB8010F Grey WB8010H Anthracite WB8010T Cor-ten WB80105 Jasper green Ø90x85 mm
 Asymmetrical snout	WB8021E White WB8021N Anodized black WB8021F Grey WB8021H Anthracite WB8021T Cor-ten WB80215 Jasper green Ø39.5x51 mm	WB8022E White WB8022N Anodized black WB8022F Grey WB8022H Anthracite WB8022T Cor-ten WB80225 Jasper green Ø59.5x82 mm	WB8022E White WB8022N Anodized black WB8022F Grey WB8022H Anthracite WB8022T Cor-ten WB80225 Jasper green Ø59.5x82 mm	WB8020E White WB8020F Grey WB8020H Anthracite WB8020T Cor-ten WB80205 Jasper green Ø85x92 mm
OPTICAL ACCESSORIES  Shadow-effect filter built into the lighting fixture order together with the lighting fixture the shadow-effect filter can be fitted only on the 48° sharp optics				WR8000

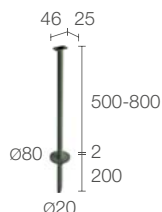


ACCESSORIES FOR INSTALLATION



WP0100

Spike for in-ground installation
(Ginko 1.0 / 1.4 / 2.0 / 2.2 / 2.4 / 3.0 / 3.4)



h 500 mm

WP1006I - Stainless steel
WP1006E - White
WP1006F - Grey
WP1006H - Anthracite
WP1006T - Cor-ten
WP10065 - Jasper green

h 800 mm

WP1007I - Stainless steel
WP1007E - White
WP1007F - Grey
WP1007H - Anthracite
WP1007T - Cor-ten
WP10075 - Jasper green

Spike for in-ground installation
(Ginko 2.0 / 2.2 / 2.4 / 3.0 / 3.4)



WP1004

Fastener strap - 5 m
(Ginko 1.0 / 1.4 / 2.0 / 2.2 / 2.4 / 3.0 / 3.4)



WF3302

Flexible cable-protection tube - 18 cm
(Ginko 1.0 / 1.4)
order together with the lighting fixture

WF3301

Flexible cable-protection tube - 15 cm
(Ginko 2.0 / 2.2 / 2.4)
order together with the lighting fixture

for spare parts, see p. 866

POWER CABLES

to order the power cable, add the suffix -1, -2, -3 or -4 to the code for the lighting fixture

- 1 length 5 m
- 2 length 10 m
- 3 length 15 m
- 4 length 20 m

white LED colour

Neoprene cables
H05RN-F 2x0.75/0.75 Ø6.3 mm IPS

RGB

FEP+RUB cables
(equivalent to H05RN-F)
6x0.50/0.50 Ø6.3 mm IPS

POWER SUPPLY UNITS Ginko 1.0 / 1.4 / 2.0 / 2.4 / 3.0 / 3.4

Max no. fixtures	PSU	IP	Page
1...n	24Vdc	20	847
1...n	24Vdc	67	847

POWER SUPPLY UNITS Ginko 2.2

Max no. fixtures	PSU	IP	Page
-	RGB controller	-	855 - 860

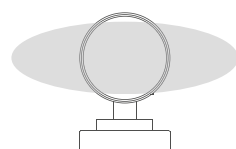
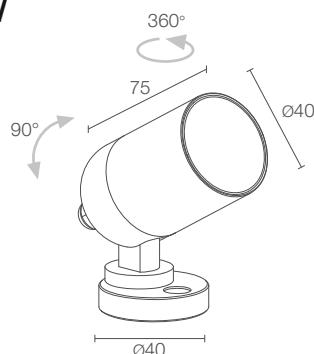
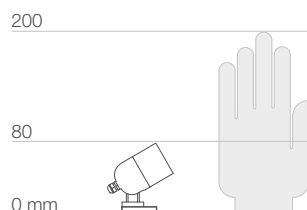




PIVOT

OUTDOOR PROJECTORS FOR HIGHLIGHTING ARCHITECTURAL DETAILS

PIVOT 1.7



15°x47° optics



46°x16° optics

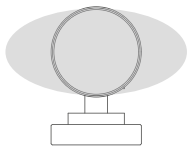
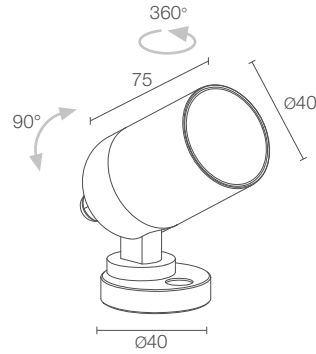
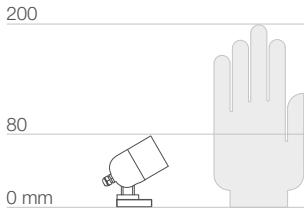
POWER SUPPLY CODE	24Vdc CP170 ■ ■ ■ ■ E White CP170 ■ ■ ■ ■ N Anodized black CP170 ■ ■ ■ ■ A Anodized grey CP170 ■ ■ ■ ■ H Anthracite CP170 ■ ■ ■ ■ T Cor-ten CP170 ■ ■ ■ ■ S Jasper green CP170 ■ ■ ■ ■ U Copper
POWER	0 - 3.5W only 5° optics (4000K only CRI 80) 1 - 5W 2 - 7W
CRI	0 - CRI 80 1 - CRI >90
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	U - 5° only 3.5W (4000K only CRI 80) V - 8° T - 11° S - 17° P - 21° sharp M - 34° L - 43° J - 45° Q - 51° sharp K - 54° W - 15°x47° X - 46°x16°
LUMEN OUTPUT AT SOURCE	488 lm (3000K, 5W, CRI 80) 657 lm (3000K, 7W, CRI 80)
DELIVERED LUMEN OUTPUT	352 lm (3000K, 34°, 5W, CRI 80) 463 lm (3000K, 34°, 7W, CRI 80)
NO. AND TYPE OF LED	1 high intensity power LED 3-step MacAdam, 1/4 ANSI BIN (version with 5° optics) 50000h L90 B10 (Ta 25°C)
MATERIAL	body in anticorodal aluminium screen in serigraphed, tempered, transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 193
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 2x0.35/0.75 Ø6.3 mm
MOUNTING	surface mounted (ceiling, wall, ground, spike, strap)
ACCESSORIES	see p. 192
PHOTOMETRIC DATA	see p. 798

< PIVOT 1.7
3000K, 5W, 11°, anodized grey

Light planning by / Cristian Turra
Photo by / Alessio Tamborini
Private residence, Brescia, Italy

PIVOT

PIVOT 1.8



22°x46° optics



46°x22° optics

POWER / POWER SUPPLY CODE	max 4.5W max 500mA CP1820N00 6 0 E - White CP1820N00 6 0 N - Anodized black CP1820N00 6 0 A - Anodized grey CP1820N00 6 0 H - Anthracite CP1820N00 6 0 T - Cor-ten CP1820N00 6 0 5 - Jasper green CP1820N00 6 0 U - Copper
HONEYCOMB LOUVRE	0 - not present 1 - present
OPTICS	S - 20° M - 33° L - 45° K - 58° X - 46°x22° W - 22°x46°
POWER CABLES	includes 1.5 m PVC cable FROR 6x0.25 Ø4.6 mm 1 - 5 m 2 - 10 m 3 - 15 m 4 - 20 m
LED COLOUR	RGB
LUMEN OUTPUT AT SOURCE	201 lm, R: 50 lm G: 111 lm B: 40 lm (500mA)
DELIVERED LUMEN OUTPUT	154 lm, R: 43 lm G: 84 lm B: 27 lm (500mA, 33°)
NO. AND TYPE OF LED	3 power LEDs 50000h L90 B10 (Ta 25°C)
MATERIAL	body in anticorrosion aluminium screen in serigraphed, tempered, transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 193 and 844
WIRING	series
MOUNTING	surface mounted (ceiling, wall, ground, spike, strap)
ACCESSORIES	see p. 192
PHOTOMETRIC DATA	see p. 799

PIVOT 1.7 >

3000K, 5W, 54°, anodized grey

Light planning by / MI10studio

Photo by / Germano Borrelli

Il Vittoriale degli Italiani

Gardone Riviera, Brescia, Italy



PIVOT

ACCESSORIES AND POWER SUPPLY UNITS

PIVOT 1.7

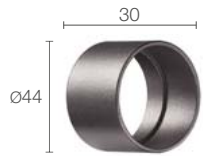
PIVOT 1.8

ANTI-GLARE ACCESSORIES

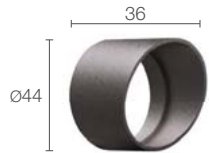


Honeycomb louvre built into the lighting fixture order together with the lighting fixture the honeycomb louvre can be fitted on all optics, except for the sharp optics

WH0310



Standard snout



Asymmetrical snout

WB0310E
White
WB0310N
Anodized black
WB0310A
Anodized grey
WB0310H
Anthracite
WB0310T
Cor-ten
WB0310S
Jasper green
WB0310U
Copper

WB0310E
White
WB0310N
Anodized black
WB0310A
Anodized grey
WB0310H
Anthracite
WB0310T
Cor-ten
WB0310S
Jasper green
WB0310U
Copper

WB0311E
White
WB0311N
Anodized black
WB0311A
Anodized grey
WB0311H
Anthracite
WB0311T
Cor-ten
WB0311S
Jasper green
WB0311U
Copper

WB0311E
White
WB0311N
Anodized black
WB0311A
Anodized grey
WB0311H
Anthracite
WB0311T
Cor-ten
WB0311S
Jasper green
WB0311U
Copper

ACCESSORIES FOR INSTALLATION



Spike for in-ground installation



Fastener strap - 5 m

WP0100

WP0100

WP1004

WP1004



POWER CABLES Pivot 1.7

to order the power cable, add the suffix -1, -2, -3 or -4 to the code for the lighting fixture

- 1 length 5 m
- 2 length 10 m
- 3 length 15 m
- 4 length 20 m

Neoprene cables
H05RN-F 2x0.35/0.75 Ø6.3 mm IPS

POWER SUPPLY UNITS Pivot 1.7

Max no. fixtures	PSU	IP	Page
1...n	24Vdc	20	847
1...n	24Vdc	67	847

POWER SUPPLY UNITS Pivot 1.8

Max no. fixtures	PSU	IP	Page
-	RGB controller	-	855 - 860

▼
PIVOT 1.8
RGB, 4.5W, 58°, white
Project and light planning by / pbr Planungsbüro Rohling
Photo by / Andreas Secci
SoleVital, Bad Laer, Germany

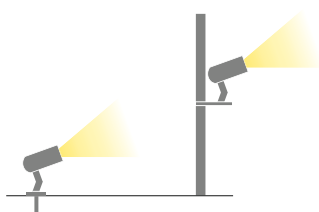






AKRO

OUTDOOR PROJECTOR
ADJUSTABLE BEAM AND INTERCHANGEABLE OPTICAL FILTERS



2700K 3000K 4000K

**DIMMABLE WITH
REMOTE PSU**

**BUILT-IN POWER
SUPPLY UNIT**

**BUILT-IN POWER SUPPLY UNIT
DALI 1-10V**



zoom lens



AKRO 1.0 p. 198
max 37W max 1050mA



AKRO 1.1 p. 199
43W 230Vac



AKRO 1.2 p. 199
43W 230Vac



OPTICAL RANGES:
13°–32°, 16°–42°



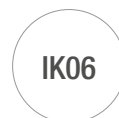
ZOOM LENS
TO ADJUST THE LIGHT
BEAM MANUALLY



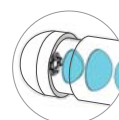
GRADUATIONS
IN THREE DIFFERENT
POINTS ON
THE BODY TO
ENSURE PRECISE
BEAM POSITIONING



GOOD DESIGN
AWARD 2017



4-MM-THICK TRANSPARENT
EXTRA-CLEAR GLASS, HIGH
TRANSMITTANCE TO ENSURE THE
LIGHT'S CHROMATIC UNIFORMITY, AND
TEMPERED FOR EXCELLENT RESISTANCE
TO KNOCKS AND SCRATCHES



INTERNAL ANTI-REFLECTIVE
ASPHERIC OPTICAL SYSTEM
IN BK7 BOROSILICATE GLASS



SUITABLE
FOR OUTDOOR
APPLICATIONS



BUILT-IN
PROTECTION
SYSTEMS:

IPS
INTELLIGENT
PROTECTION
SYSTEM
(AKRO 1.0)



PID
PROTECTIVE
IMPEDANCE
DEVICE
(AKRO 1.1 / 1.2)

SALT SPRAY TESTED
(over 1500 hours)



AKRO

UNIQUE SELLING POINTS

BODY IN LOW-COPPER-CONTENT
ANTICORODAL ALUMINIUM 6082
FOR EXCELLENT RESISTANCE
TO CORROSION, PRODUCED
ENTIRELY ON A CNC LATHE



WIDE RANGE OF FILTERS
(DICHROIC, ELLIPTICAL, DIFFUSION,
COLOUR-TEMPERATURE
CONVERSION, HONEYCOMB LOUVRE)



FILTER
REPLACEMENT



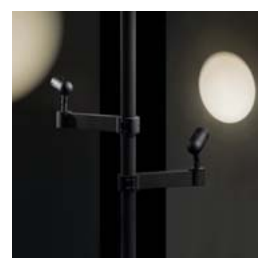
MOCK-UP
CARTRIDGE
FOR LIGHTING
TRIALS



IP66
CARTRIDGE
INCLUDED



ARM FOR POLE
MOUNTING



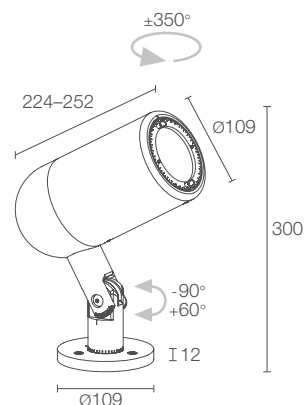
AKRO

✓
AKRO 1.1
 3000K, 43W, optical range 13°–32°
 with diffusion filter

Villa Da Porto Casarotto
 Dueville, Vicenza, Italy



AKRO 1.0

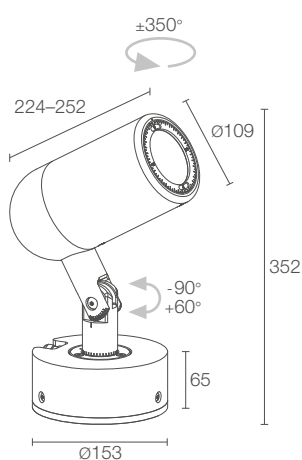


CE LED TECH III kg 4.00 IP66 IK06
 A A+ A++ IPS

POWER / POWER SUPPLY CODE	max 37W max 1050mA AK1000 ■ ■ ■ N Anodized black
CRI	0 - CRI 80 1 - CRI >90
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	R1 - optical range 13°–32° R2 - optical range 16°–42°
LUMEN OUTPUT AT SOURCE	3260 lm (3000K, 1050mA, CRI 80)
NO. AND TYPE OF LED	1 COB high-intensity power LED 3-step MacAdam, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in black-anodized anticorrosional aluminium screen in tempered, transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 200 and 844
POWER CABLES	includes 5 m neoprene cable H05RN-F 2x0.35/0.75 Ø6.3 mm
WIRING	series
MOUNTING	surface mounted (ceiling, wall, ground, spike, pole)
ACCESSORIES	see p. 200
FEATURES	dimnable with remote PSU
NOTES	dichroic filters available on request in non-standard colouring
PHOTOMETRIC DATA	see p. 724



AKRO 1.1



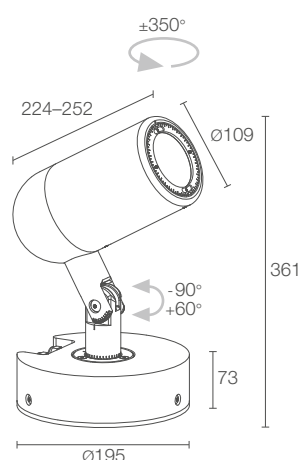
CE LED TECH IP66 IK06 kg 5.60
A A+ A++ PID

43W 230Vac
AK1110 ■■■ N Anodized black

■	0 - CRI 80 1 - CRI >90
■	F - 2700K 5 - 3000K 9 - 4000K
■	R1 - optical range 13°-32° R2 - optical range 16°-42°
3260 lm (3000K, CRI 80)	
1 COB high-intensity power LED 3-step MacAdam, 50000h L90 B10 (Ta 25°C)	
body in black-anodized anticorrosional aluminium screen in tempered, transparent extra-clear glass	
built in	
none	
mains voltage	
surface mounted (ceiling, wall, ground)	
see p. 200	
dichroic filters available on request in non-standard colouring	
see p. 724	



AKRO 1.2



CE LED TECH IP66 IK06 kg 6.50
A A+ A++ PID

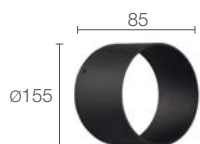
43W 230Vac DALI + 1-10V + PUSH
AK1210 ■■■ ND Anodized black

■	0 - CRI 80 1 - CRI >90
■	F - 2700K 5 - 3000K 9 - 4000K
■	R1 - optical range 13°-32° R2 - optical range 16°-42°
3260 lm (3000K, CRI 80)	
1 COB high-intensity power LED 3-step MacAdam, 50000h L90 B10 (Ta 25°C)	
body in black-anodized anticorrosional aluminium screen in tempered, transparent extra-clear glass	
built in	
none	
mains voltage	
surface mounted (ceiling, wall, ground)	
see p. 200	
dimmable	
dichroic filters available on request in non-standard colouring	
see p. 724	

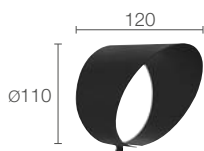
AKRO

ACCESSORIES AND POWER SUPPLY UNITS

ANTI-GLARE ACCESSORIES



WB1101N - Black
Standard snoot



WB1102N - Black
Asymmetrical snoot



WB1103N - Black
Barn doors

OPTICAL ACCESSORIES



WR0001 - Red
WR0002 - Green
WR0003 - Blue
WR0004 - Orange
Dichroic filter



WR0010 - Diffusion
WR0020 - Elliptical
Optical filter



WR0030 - Variation towards warm white light
WR0031 - Variation towards cold white light
Colour temperature conversion filter



WH0506
Honeycomb louvre

Akro can house up to 2 filters

ACCESSORIES FOR INSTALLATION



WP0300
Spike for installation in the ground
(Akro 1.0)



WP1005N
Arm for pole mounting
(Akro 1.0)



WE0300
Accessory for extracting IP66 cartridge



WR0100
Mock-up cartridge

for spare parts, see p. 866

POWER SUPPLY UNITS Akro 1.0

Max no. fixtures	PSU	IP	Page
1	ACUNI039T1	20	844 845
1	AD050DALIT1	20	848 849 850 852

^
AKRO 1.0
3000K, 37W, with elliptical filter
and orange, blue, red, green dichroic filters

>
AKRO 1.0
3000K, 37W, 13°-32° optical range
with elliptical filter







SIRI

OUTDOOR PROJECTORS ARCHITECTURAL LIGHTING FOR LARGE BUILDINGS



2700K 3000K 4000K 5000K
ultra-narrow narrow medium wide elliptical



SIRI 1.0 p. 206
9W 230Vac



SIRI 2.0 p. 208
16W 230Vac



SIRI 3.0 p. 210
23W 230Vac
1-10V, ON/OFF



SIRI 1.1 p. 206
9W 230Vac



SIRI 2.1 p. 208
16W 230Vac



SIRI 3.1 p. 210
23W 230Vac
1-10V, ON/OFF



RGBW
narrow medium wide elliptical



SIRI 1.2 p. 207
11W 24Vdc



SIRI 2.2 p. 209
20W 24Vdc



SIRI 3.2 p. 211
33W 24Vdc



SIRI 1.3 p. 207
11W 24Vdc



SIRI 2.3 p. 209
20W 24Vdc



SIRI 3.3 p. 211
33W 24Vdc

RGBW
VERSION



BUILT-IN
PROTECTION
SYSTEMS:

IPS
INTELLIGENT
PROTECTION
SYSTEM



PID
PROTECTIVE
IMPEDANCE DEVICE
(WHITE LED COLOUR)



NTC
TEMPERATURE
SENSOR
BUILT IN
(SIRI 3.0 / 3.1)

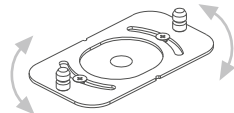


DESIGN
patent
pending



6-STEP MATERIAL PROTECTION,
AND OXIDATION AND
CORROSION RESISTANCE

Low-copper-content aluminium alloy EN AB 47100
Preparation for painting with ALODINE NT-E® coating
Epoxy paint
Polyester paint
Paints compliant with
Qualicoat automotive coating standard
Salt spray tested (over 1000 hours)



INTEGRATED BASE FOR CONNECTIONS,
AND PLATE ADJUSTABLE THROUGH 35°



SUITABLE
FOR OUTDOOR
APPLICATIONS



RAL FINISH
ON REQUEST





SIRI

UNIQUE SELLING POINTS

IK07
SIRI 1

IK06
SIRI 2/3

BODY IN DIE-CAST
LOW-COPPER-CONTENT
ALUMINIUM EN AB 47100
FOR EXCELLENT RESISTANCE
TO CORROSION



6° OPTICS

The 6° optics means the beam can be concentrated on a small area even at large distances



ANTI-GLARE RECESSED OPTICS



4-MM-THICK TRANSPARENT EXTRA-CLEAR
GLASS WITH VITRIFIED SERIGRAPHY,
HIGH TRANSMITTANCE TO ENSURE
CHROMATIC UNIFORMITY AND TEMPERED
FOR EXCELLENT RESISTANCE
TO KNOCKS AND SCRATCHES



SCALED, ADJUSTABLE BRACKET



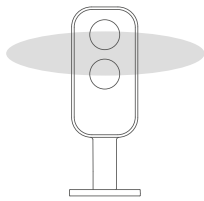
SIRI 1



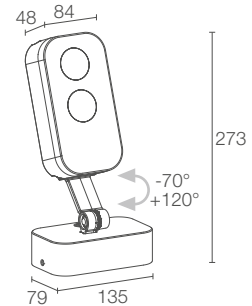
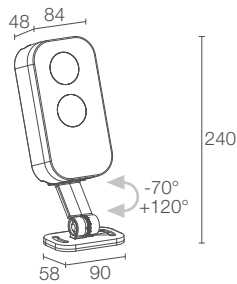
SIRI 1.0



SIRI 1.1



10°x45° optics



CE LED TECH kg 1.03 IP66 IK07

A A+ A++ ICS PID

CE LED TECH kg 1.38 IP66 IK07

A A+ A++ ICS PID

POWER / POWER SUPPLY CODE

9W 230Vac
SR1010 ■ ■ ■ E - White
SR1010 ■ ■ ■ F - Grey
SR1010 ■ ■ ■ H - Anthracite
SR1010 ■ ■ ■ T - Cor-ten

LED COLOUR

F - 2700K
 5 - 3000K
 9 - 4000K
 0 - 5000K

OPTICS

V - 6°
 S - 12°
 M - 30°
 L - 40°
 W - 10°x45°

POWER CABLES

includes 1.5 m neoprene cable
 H05RN-F 3x1.00 Ø7.0 mm
 1 - 5 m
 2 - 10 m
 3 - 15 m
 4 - 20 m

LUMEN OUTPUT AT SOURCE

603 lm (3000K)

DELIVERED LUMEN OUTPUT

422 lm (3000K, 30°)

NO. AND TYPE OF LED

2 power LEDs
 1/4 ANSI BIN, 50000h L95 B10 (Ta 25°C)

MATERIAL

body in die-cast aluminium
 screen in serigraphed, tempered, transparent
 extra-clear glass

POWER SUPPLY UNIT

built in

MOUNTING

surface mounted (ceiling, wall, ground, spike)

ACCESSORIES

see p. 212

PHOTOMETRIC DATA

see p. 808

POWER / POWER SUPPLY CODE

9W 230Vac
SR1110 ■ ■ ■ E White
SR1110 ■ ■ ■ F Grey
SR1110 ■ ■ ■ H Anthracite
SR1110 ■ ■ ■ T Cor-ten

■ F - 2700K
 5 - 3000K
 9 - 4000K
 0 - 5000K

■ V - 6°
 S - 12°
 M - 30°
 L - 40°
 W - 10°x45°

includes 1.5 m neoprene cable
 H05RN-F 3x1.00 Ø7.0 mm

603 lm (3000K)

422 lm (3000K, 30°)

2 power LEDs
 1/4 ANSI BIN, 50000h L95 B10 (Ta 25°C)

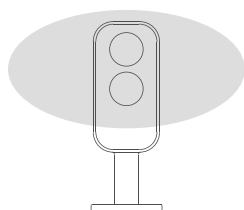
body in die-cast aluminium
 screen in serigraphed, tempered, transparent
 extra-clear glass

built in

surface mounted (ceiling, wall, ground)

see p. 212

see p. 808



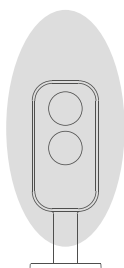
30°x60° optics



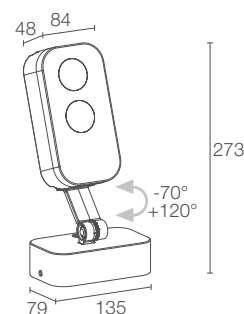
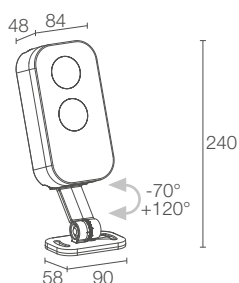
SIRI 1.2



SIRI 1.3



60°x30° optics



POWER / POWER SUPPLY CODE	11W 24Vdc SR1200 7 ■ E White SR1200 7 ■ F Grey SR1200 7 ■ H Anthracite SR1200 7 ■ T Cor-ten
OPTICS	S - 21° M - 32° L - 58° W - 30°x60° X - 60°x30°
LED COLOUR	RGBW
LUMEN OUTPUT AT SOURCE	536 lm, R: 83 lm G: 150 lm B: 60 lm W: 243 lm (4000K)
DELIVERED LUMEN OUTPUT	379 lm, R: 59 lm G: 105 lm B: 42 lm W: 173 lm (4000K, 32°)
NO. AND TYPE OF LED	2 RGBW LED groups 50000h L90 B10 (Ta 25°C)
MATERIAL	body in die-cast aluminium screen in serigraphed, tempered, transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 212
POWER CABLES	includes 1.5 m FEP+RUB cable (equivalent to H05RN-F) 6x0.50/0.50 Ø6.3 mm
MOUNTING	surface mounted (ceiling, wall, ground, spike)
ACCESSORIES	see p. 212
PHOTOMETRIC DATA	see p. 808

POWER / POWER SUPPLY CODE	11W 24Vdc SR1300 7 ■ E White SR1300 7 ■ F Grey SR1300 7 ■ H Anthracite SR1300 7 ■ T Cor-ten
OPTICS	S - 21° M - 32° L - 58° W - 30°x60° X - 60°x30°
LED COLOUR	RGBW
LUMEN OUTPUT AT SOURCE	536 lm, R: 83 lm G: 150 lm B: 60 lm W: 243 lm (4000K)
DELIVERED LUMEN OUTPUT	379 lm, R: 59 lm G: 105 lm B: 42 lm W: 173 lm (4000K, 32°)
NO. AND TYPE OF LED	2 RGBW LED groups 50000h L90 B10 (Ta 25°C)
MATERIAL	body in die-cast aluminium screen in serigraphed, tempered, transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 212
POWER CABLES	includes 1.5 m FEP+RUB cable (equivalent to H05RN-F) 6x0.50/0.50 Ø6.3 mm
MOUNTING	surface mounted (ceiling, wall, ground)
ACCESSORIES	see p. 212
PHOTOMETRIC DATA	see p. 808

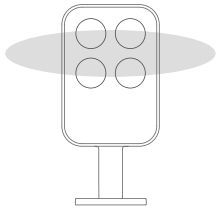
SIRI 2



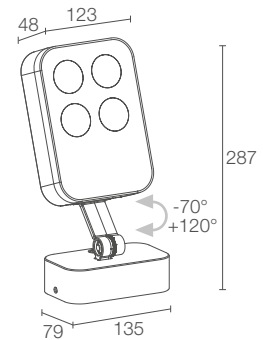
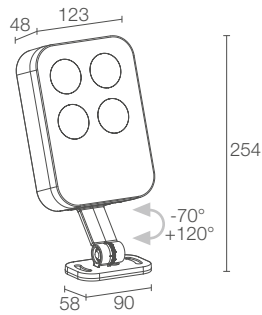
SIRI 2.0



SIRI 2.1



10°x45° optics

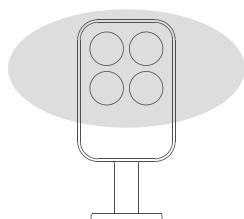


CE LED TECH kg 1.41 IP66 IK06
A A+ A++ ICS PID

CE LED TECH kg 1.95 IP66 IK06
A A+ A++ ICS PID

POWER / POWER SUPPLY CODE	16W 230Vac SR2010 ■ ■ ■ E - ■ ■ White SR2010 ■ ■ ■ F - ■ ■ Grey SR2010 ■ ■ ■ H - ■ ■ Anthracite SR2010 ■ ■ ■ T - ■ ■ Cor-ten
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K
OPTICS	V - 6° S - 12° M - 30° L - 40° W - 10°x45°
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 3x1.00 Ø7.0 mm 1 - 5 m 2 - 10 m 3 - 15 m 4 - 20 m
LUMEN OUTPUT AT SOURCE	1311 lm (3000K)
DELIVERED LUMEN OUTPUT	925 lm (3000K, 30°)
NO. AND TYPE OF LED	4 power LEDs 1/4 ANSI BIN, 50000h L95 B10 (Ta 25°C)
MATERIAL	body in die-cast aluminium screen in serigraphed, tempered, transparent extra-clear glass
POWER SUPPLY UNIT	built in
MOUNTING	surface mounted (ceiling, wall, ground, spike)
ACCESSORIES	see p. 212
PHOTOMETRIC DATA	see p. 809

POWER / POWER SUPPLY CODE	16W 230Vac SR2110 ■ ■ ■ E White SR2110 ■ ■ ■ F Grey SR2110 ■ ■ ■ H Anthracite SR2110 ■ ■ ■ T Cor-ten
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K
OPTICS	V - 6° S - 12° M - 30° L - 40° W - 10°x45°
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 3x1.00 Ø7.0 mm
LUMEN OUTPUT AT SOURCE	1311 lm (3000K)
DELIVERED LUMEN OUTPUT	925 lm (3000K, 30°)
NO. AND TYPE OF LED	4 power LEDs 1/4 ANSI BIN, 50000h L95 B10 (Ta 25°C)
MATERIAL	body in die-cast aluminium screen in serigraphed, tempered, transparent extra-clear glass
POWER SUPPLY UNIT	built in
MOUNTING	surface mounted (ceiling, wall, ground)
ACCESSORIES	see p. 212
PHOTOMETRIC DATA	see p. 809



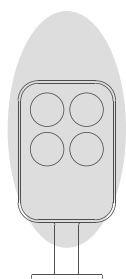
30°x60° optics



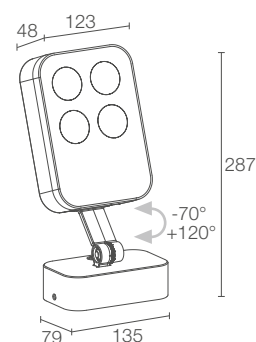
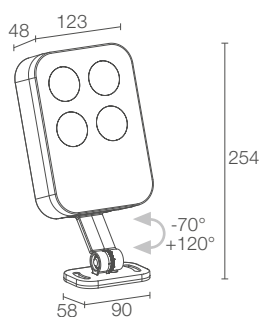
SIRI 2.2



SIRI 2.3



60°x30° optics



POWER / POWER SUPPLY CODE	20W 24Vdc SR2200 7 ■ E White SR2200 7 ■ F Grey SR2200 7 ■ H Anthracite SR2200 7 ■ T Cor-ten
OPTICS	S - 21° M - 32° L - 58° W - 30°x60° X - 60°x30°
LED COLOUR	RGBW
LUMEN OUTPUT AT SOURCE	1059 lm, R: 165 lm G: 293 lm B: 118 lm W: 483 lm (4000K)
DELIVERED LUMEN OUTPUT	756 lm, R: 118 lm G: 209 lm B: 84 lm W: 345 lm (4000K, 32°)
NO. AND TYPE OF LED	4 RGBW LED groups 50000h L90 B10 (Ta 25°C)
MATERIAL	body in die-cast aluminium screen in serigraphed, tempered, transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 212
POWER CABLES	includes 1.5 m FEP+RUB cable (equivalent to H05RN-F) 6x0.50/0.50 Ø6.3 mm
MOUNTING	surface mounted (ceiling, wall, ground, spike)
ACCESSORIES	see p. 212
PHOTOMETRIC DATA	see p. 809

POWER / POWER SUPPLY CODE	20W 24Vdc SR2300 7 ■ E White SR2300 7 ■ F Grey SR2300 7 ■ H Anthracite SR2300 7 ■ T Cor-ten
OPTICS	S - 21° M - 32° L - 58° W - 30°x60° X - 60°x30°
LED COLOUR	RGBW
LUMEN OUTPUT AT SOURCE	1059 lm, R: 165 lm G: 293 lm B: 118 lm W: 483 lm (4000K)
DELIVERED LUMEN OUTPUT	756 lm, R: 118 lm G: 209 lm B: 84 lm W: 345 lm (4000K, 32°)
NO. AND TYPE OF LED	4 RGBW LED groups 50000h L90 B10 (Ta 25°C)
MATERIAL	body in die-cast aluminium screen in serigraphed, tempered, transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 212
POWER CABLES	includes 1.5 m FEP+RUB cable (equivalent to H05RN-F) 6x0.50/0.50 Ø6.3 mm
MOUNTING	surface mounted (ceiling, wall, ground)
ACCESSORIES	see p. 212
PHOTOMETRIC DATA	see p. 809

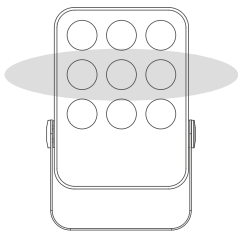
SIRI 3



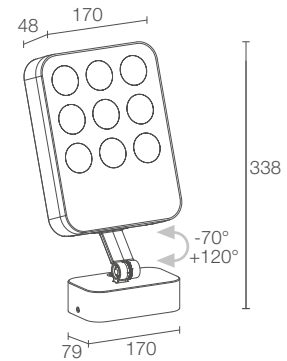
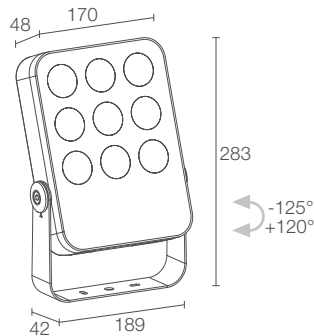
SIRI 3.0



SIRI 3.1



10°x45° optics



POWER / POWER SUPPLY CODE

23W 230Vac
SR3010 ■ ■ ■ E - ■ White
SR3010 ■ ■ ■ F - ■ Grey
SR3010 ■ ■ ■ H - ■ Anthracite
SR3010 ■ ■ ■ T - ■ Cor-ten

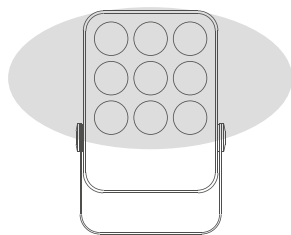
23W 230Vac 1-10V
SR3010 ■ ■ ■ ER - ■ White
SR3010 ■ ■ ■ FR - ■ Grey
SR3010 ■ ■ ■ HR - ■ Anthracite
SR3010 ■ ■ ■ TR - ■ Cor-ten

23W 230Vac
SR3110 ■ ■ ■ E White
SR3110 ■ ■ ■ F Grey
SR3110 ■ ■ ■ H Anthracite
SR3110 ■ ■ ■ T Cor-ten

23W 230Vac 1-10V
SR3110 ■ ■ ■ ER White
SR3110 ■ ■ ■ FR Grey
SR3110 ■ ■ ■ HR Anthracite
SR3110 ■ ■ ■ TR Cor-ten

LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K
OPTICS	V - 6° S - 12° M - 30° L - 40° W - 10°x45°
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 3x1.00 Ø7.0 mm 1 - 5 m 2 - 10 m 3 - 15 m 4 - 20 m
LUMEN OUTPUT AT SOURCE	2214 lm (3000K)
DELIVERED LUMEN OUTPUT	1491 lm (3000K, 30°)
NO. AND TYPE OF LED	9 power LEDs 1/4 ANSI BIN, 50000h L95 B10 (Ta 25°C)
MATERIAL	body in die-cast aluminium screen in serigraphed, tempered, transparent extra-clear glass
POWER SUPPLY UNIT	built in
MOUNTING	surface mounted (ceiling, wall, ground, spike)
ACCESSORIES	see p. 212
PHOTOMETRIC DATA	see p. 810

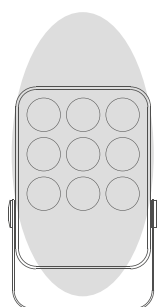
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K
OPTICS	V - 6° S - 12° M - 30° L - 40° W - 10°x45°
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 3x1.00 Ø7.0 mm
LUMEN OUTPUT AT SOURCE	2214 lm (3000K)
DELIVERED LUMEN OUTPUT	1491 lm (3000K, 30°)
NO. AND TYPE OF LED	9 power LEDs 1/4 ANSI BIN, 50000h L95 B10 (Ta 25°C)
MATERIAL	body in die-cast aluminium screen in serigraphed, tempered, transparent extra-clear glass
POWER SUPPLY UNIT	built in
MOUNTING	surface mounted (ceiling, wall, ground)
ACCESSORIES	see p. 212
PHOTOMETRIC DATA	see p. 810



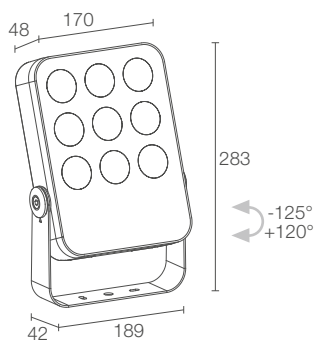
30°x60° optics



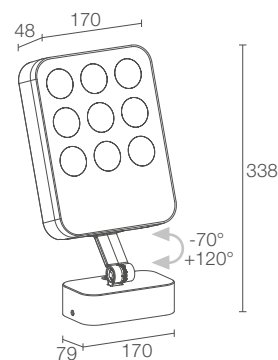
SIRI 3.2



60°x30° optics



SIRI 3.3

**POWER / POWER SUPPLY CODE**

33W 24Vdc
SR3200 7 ■ E White
SR3200 7 ■ F Grey
SR3200 7 ■ H Anthracite
SR3200 7 ■ T Cor-ten

OPTICS

S - 21°
M - 32°
L - 58°
W - 30°x60°
X - 60°x30°

LED COLOUR

RGBW

LUMEN OUTPUT AT SOURCE

2148 lm, R: 336 lm G: 594 lm B: 238 lm
 W: 980 lm (4000K)

DELIVERED LUMEN OUTPUT

1532 lm, R: 240 lm G: 423 lm B: 170 lm
 W: 699 lm (4000K, 32°)

NO. AND TYPE OF LED

9 RGBW LED groups
 50000h L90 B10 (Ta 25°C)

MATERIAL

body in die-cast aluminium
 screen in serigraphed, tempered, transparent
 extra-clear glass

POWER SUPPLY UNIT

not included, see p. 212

POWER CABLES

includes 1.5 m FEP+RUB cable
 (equivalent to H05RN-F) 6x0.50/0.50 Ø6.3 mm

MOUNTING

surface mounted (ceiling, wall, ground, spike)

ACCESSORIES

see p. 212

PHOTOMETRIC DATA

see p. 810

POWER / POWER SUPPLY CODE

33W 24Vdc
SR3300 7 ■ E White
SR3300 7 ■ F Grey
SR3300 7 ■ H Anthracite
SR3300 7 ■ T Cor-ten

OPTICS

S - 21°
M - 32°
L - 58°
W - 30°x60°
X - 60°x30°

LED COLOUR

RGBW

2148 lm, R: 336 lm G: 594 lm B: 238 lm
 W: 980 lm (4000K)

1532 lm, R: 240 lm G: 423 lm B: 170 lm
 W: 699 lm (4000K, 32°)

9 RGBW LED groups
 50000h L90 B10 (Ta 25°C)

body in die-cast aluminium
 screen in serigraphed, tempered, transparent
 extra-clear glass

not included, see p. 212

includes 1.5 m FEP+RUB cable
 (equivalent to H05RN-F) 6x0.50/0.50 Ø6.3 mm




surface mounted (ceiling, wall, ground)

none

see p. 810

SIRI

ACCESSORIES AND POWER SUPPLY UNITS

	SIRI 1.0	SIRI 1.1	SIRI 1.2	SIRI 1.3	SIRI 2.0	SIRI 2.1	SIRI 2.2	SIRI 2.3	SIRI 3.0	SIRI 3.1	SIRI 3.2
ANTI-GLARE ACCESSORIES  Honeycomb louvre built into the lighting fixture order together with the lighting fixture the honeycomb louvre can be fitted on all optics, except for the 6° optics	WH5010	WH5010			WH5020	WH5020			WH5030	WH5030	
 Anti-glare hood the anti-glare hood is available on request in the same finish as the lighting fixture	WB5010H Anthracite	WB5010H Anthracite	WB5010H Anthracite	WB5010H Anthracite	WB5020H Anthracite	WB5020H Anthracite	WB5020H Anthracite	WB5020H Anthracite	WB5030H Anthracite		WB5030H Anthracite
	89x90 mm h 173 mm	89x90 mm h 173 mm	89x90 mm h 173 mm	89x90 mm h 173 mm	127x90 mm h 187 mm	127x90 mm h 187 mm	127x90 mm h 187 mm	127x90 mm h 187 mm	174x101 mm h 190 mm		174x101 mm h 190 mm
ACCESSORIES FOR INSTALLATION 	WP0300		WP0300		WP0300		WP0300		WP0300		WP0300
Spike for in-ground installation											

POWER CABLES Siri 1.0 / 2.0 / 3.0

the choice of power cable is included in the configuration of the code for the lighting fixture

- 1 length 5 m
- 2 length 10 m
- 3 length 15 m
- 4 length 20 m

Neoprene cables
H05RN-F 3x1.00 Ø7.0 mm IPS

POWER SUPPLY UNITS Siri 1.2 / 1.3 / 2.2 / 2.3 / 3.2 / 3.3

Max no. fixtures	PSU	IP	Page
1...n	24Vdc	20	847
1...n	24Vdc	67	847
-	RGBW controller	-	855 - 860

SIRI 3.0 >

3000K, 23W, 30°, white

Project by / Corinne Vezzoni & Associés
Light planning by / 8'18"
thecamp, Aix-en-Provence, France







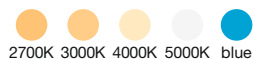
SPOT

PROJECTORS FOR OUTDOOR APPLICATIONS



narrow medium wide

CONSTANT CURRENT

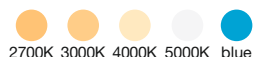


2700K 3000K 4000K 5000K blue



SPOT 1.0 p. 217
max 2W max 500mA

CONSTANT VOLTAGE



2700K 3000K 4000K 5000K blue



SPOT 1.6 p. 217
2W 24Vdc

MAINS VOLTAGE



3000K 4000K



SPOT 2.4 p. 218
8W 230Vac



SPOT 3.4 p. 219
15W 230Vac





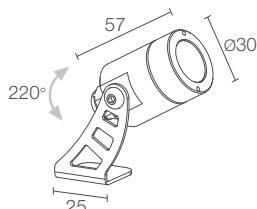
< SPOT 1.6
3000K, 2W, 20°

Light planning by / MI10studio
Photo by / Germano Borrelli
Il Vittoriale degli Italiani
Gardone Riviera, Brescia, Italy

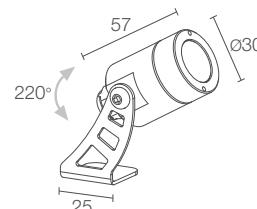
SPOT 1



SPOT 1.0



SPOT 1.6



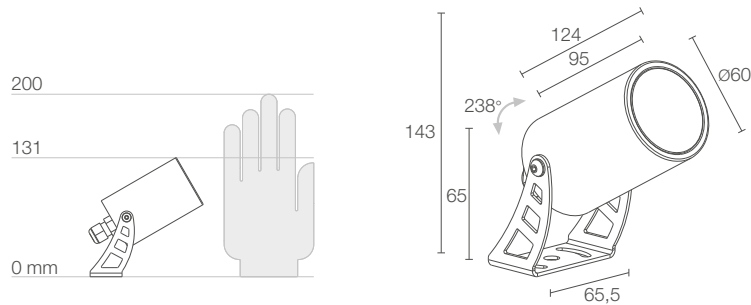
POWER / POWER SUPPLY CODE	max 2W max 500mA CF1012 ■ ■ ■ A I - ■
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue
OPTICS	S - 10° V - 19° sharp M - 20° L - 40° T - 54° sharp
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 2x0.35/0.75 Ø6.3 mm 1 - 5 m 2 - 10 m 3 - 15 m 4 - 20 m
LUMEN OUTPUT AT SOURCE	145 lm (3000K, 500mA)
DELIVERED LUMEN OUTPUT	88 lm (3000K, 500mA, 20°)
NO. AND TYPE OF LED	1 power LED 1/4 ANSI BIN (white LED colour) 50000h L90 B10 (Ta 25°C)
MATERIAL	body and trim in AISI 316L stainless steel screen in tempered, transparent glass
POWER SUPPLY UNIT	not included, see p. 221 and 844
WIRING	series
MOUNTING	surface mounted (ceiling, wall, ground, spike, strap)
ACCESSORIES	see p. 220
NOTES	not suitable for use in swimming pools or fountains underwater version: Spot 1.0 316L, p. 702 version with elliptical optics available on request
PHOTOMETRIC DATA	see p. 818

POWER / POWER SUPPLY CODE	2W 24Vdc CF1600 ■ ■ ■ A I - ■
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue
OPTICS	S - 10° V - 19° sharp M - 20° L - 40° T - 54° sharp
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 2x0.35/0.75 Ø6.3 mm 1 - 5 m 2 - 10 m 3 - 15 m 4 - 20 m
LUMEN OUTPUT AT SOURCE	145 lm (3000K)
DELIVERED LUMEN OUTPUT	88 lm (3000K, 20°)
NO. AND TYPE OF LED	1 power LED 1/4 ANSI BIN (white LED colour) 50000h L90 B10 (Ta 25°C)
MATERIAL	body and trim in AISI 316L stainless steel screen in tempered, transparent glass
POWER SUPPLY UNIT	not included, see p. 221
WIRING	parallel
MOUNTING	surface mounted (ceiling, wall, ground, spike, strap)
ACCESSORIES	see p. 220
NOTES	not suitable for use in swimming pools or fountains underwater version: Spot 1.6 316L, p. 702 version with elliptical optics available on request
PHOTOMETRIC DATA	see p. 818

SPOT 2



SPOT 2.4



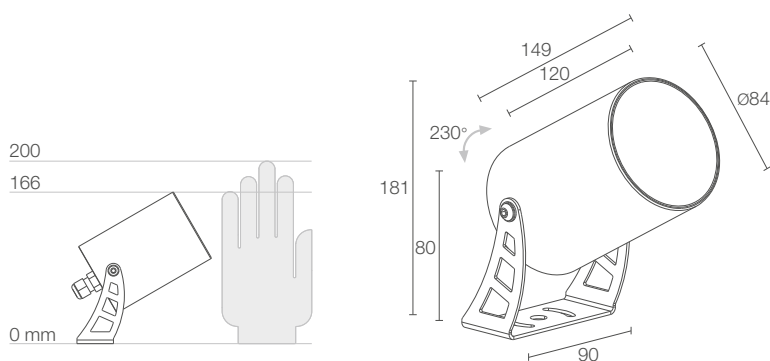
POWER / POWER SUPPLY CODE	8W 230Vac CF24100000 0 E White CF24100000 0 H Anthracite
LED COLOUR	5 - 3000K 9 - 4000K
OPTICS	S - 20° M - 34° L - 60°
LUMEN OUTPUT AT SOURCE	781 lm (3000K)
DELIVERED LUMEN OUTPUT	515 lm (3000K, 34°)
NO. AND TYPE OF LED	1 high intensity power LED 3-step MacAdam 50000h L85 B10 (Ta 25°C)
MATERIAL	body in anticorodal aluminium bracket in aluminium screen in serigraphed, tempered, transparent extra-clear glass
POWER SUPPLY UNIT	built in
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 3x1.00 Ø7.0 mm
MOUNTING	surface mounted (ceiling, wall, ground, spike, strap)
ACCESSORIES	see p. 220
PHOTOMETRIC DATA	see p. 818



SPOT 3







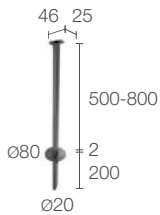

SPOT 3.4



POWER / POWER SUPPLY CODE	15W 230Vac CF34100000 0 E White CF34100000 0 H Anthracite
LED COLOUR	5 - 3000K 9 - 4000K
OPTICS	S - 15° M - 39° L - 55°
LUMEN OUTPUT AT SOURCE	1476 lm (3000K)
DELIVERED LUMEN OUTPUT	1042 lm (3000K, 39°)
NO. AND TYPE OF LED	1 COB LED 3-step MacAdam 50000h L90 B10 (Ta 25°C)
MATERIAL	body in anticorodal aluminium bracket in aluminium screen in serigraphed, tempered, transparent extra-clear glass
POWER SUPPLY UNIT	built in
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 3x1.00 Ø7.0 mm
MOUNTING	surface mounted (ceiling, wall, ground, spike, strap)
ACCESSORIES	see p. 220
PHOTOMETRIC DATA	see p. 819

SPOT

ACCESSORIES AND POWER SUPPLY UNITS

	SPOT 1.0	SPOT 1.6	SPOT 2.4	SPOT 3.4
<p>ANTI-GLARE ACCESSORIES</p>  <p>Honeycomb louvre built into the lighting fixture order together with the lighting fixture the honeycomb louvre can be fitted on all optics, except for the 19° sharp and 54° sharp optics</p>	WH0101	WH0101		
 <p>Standard snoot</p>	WB0320I Stainless steel Ø33x25 mm	WB0320I Stainless steel Ø33x25 mm	WB1001E White WB1001H Anthracite Ø64.5x70 mm	WB8010E White WB8010H Anthracite Ø90x85 mm
 <p>Asymmetrical snoot</p>	WB0321I Stainless steel Ø33x31.5 mm	WB0321I Stainless steel Ø33x31.5 mm	WB1002E White WB1002H Anthracite Ø64.5x90 mm	WB8020E White WB8020H Anthracite Ø85x92 mm
<p>ACCESSORIES FOR INSTALLATION</p>  <p>Spike for in-ground installation</p>	WP0100	WP0100	WP0100	WP0100
 <p>Spike for in-ground installation</p>			h 500 mm WP1006E White WP1006H Anthracite	h 500 mm WP1006E White WP1006H Anthracite
			h 800 mm WP1007E White WP1007H Anthracite	h 800 mm WP1007E White WP1007H Anthracite
 <p>Fastener strap - 5 m</p>	WP1004	WP1004	WP1004	WP1004



POWER CABLES Spot 1.0 / 1.6

the choice of power cable is included in the configuration of the code for the lighting fixture

- 1 length 5 m
- 2 length 10 m
- 3 length 15 m
- 4 length 20 m

Neoprene cables
H05RN-F 2x0.35/0.75 Ø6.3 mm IPS

POWER SUPPLY UNITS Spot 1.0

350mA

Max no. fixtures	PSU	IP	Page
1/3	A13350VL	20	845
1/15	ACUNI020T1	20	844 845
3/9	A19350QL	20	845
5/12	A312350QL	20	845
1/12 dimmer	ADUNITC	20	848 849 850
2/6	A16350IP67	67	845
5/12	A312350IP67	67	845

500mA

Max no. fixtures	PSU	IP	Page
1/3	A13500TC	20	845
1/10	ACUNI020T1	20	844 845
2/5	A15500QL	20	845
5/10	A310500QL	20	845
1/12 dimmer	ADUNITC	20	848 849 850
1/4	A14500IP67	67	845
5/10	A310500IP67	67	845

POWER SUPPLY UNITS Spot 1.6

Max no. fixtures	PSU	IP	Page
1...n	24Vdc	20	847
1...n	24Vdc	67	847

∨
SPOT 2.4
20°



∨
SPOT 2.4
34°



∨
SPOT 2.4
60°

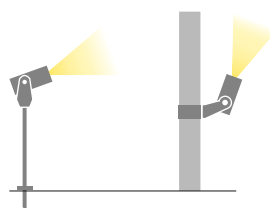






FLORI

OUTDOOR PROJECTORS
ACCENT LIGHTING FOR GARDENS



WITHOUT BASE
FOR CONNECTIONS



WITH BASE
FOR CONNECTIONS



2700K 3000K 4000K



ultra-narrow narrow medium wide elliptical



FLORI 1.0 p. 224
7W 230Vac



FLORI 1.1 p. 225
7W 230Vac



RGBW



narrow medium wide elliptical



FLORI 1.2 p. 226
13W 24Vdc



FLORI 1.3 p. 227
13W 24Vdc

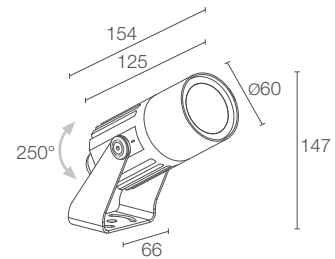
FLORI



FLORI 1.0

√
FLORI 1.0
 2700K, 7W, 15°, anthracite

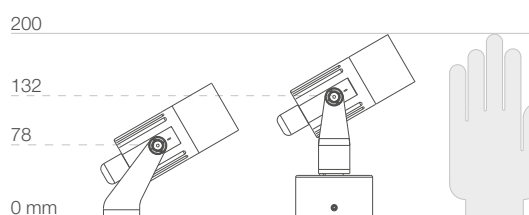
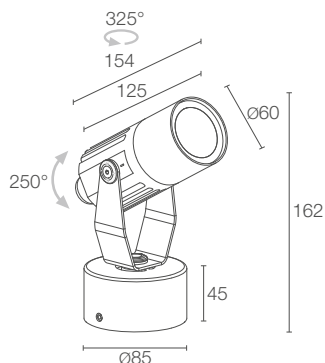
Project by / SHoP ARCHITECTS
 Light planning by / PHT Lighting Design
 Photo © Matteo Cirenei
 Wave/Cave by SHoP ARCHITECTS
 Fuorisalone Milano 2017, Milan, Italy
 Courtesy of / INTERNI magazine



POWER / POWER SUPPLY CODE	7W 230Vac FS1010 ■ ■ ■ E - White FS1010 ■ ■ ■ F - Grey FS1010 ■ ■ ■ H - Anthracite FS1010 ■ ■ ■ T - Cor-ten
CRI	0 - CRI 80 1 - CRI >90
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	V - 9° S - 15° M - 31° L - 36° W - 10°x45° X - 45°x10°
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 3x1.00 Ø7.0 mm 1 - 5 m
LUMEN OUTPUT AT SOURCE	657 lm (3000K, CRI 80)
DELIVERED LUMEN OUTPUT	366 lm (3000K, 31°, CRI 80)
NO. AND TYPE OF LED	1 high intensity power LED 3-step MacAdam, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in aluminium screen in serigraphed, tempered, transparent extra-clear glass
POWER SUPPLY UNIT	built in
MOUNTING	surface mounted (ceiling, wall, ground, spike, strap)
ACCESSORIES	see p. 228
NOTES	version with 24Vdc power supply available on request
PHOTOMETRIC DATA	see p. 763



FLORI 1.1



CE kg 1.10 IP66 IK07

7W 230Vac

FS1110 E - White

FS1110 F - Grey

FS1110 H - Anthracite

FS1110 T - Cor-ten

0 - CRI 80
 1 - CRI >90

F - 2700K
 5 - 3000K
 9 - 4000K

V - 9°
 S - 15°
 M - 31°
 L - 36°
 W - 10°x45°
 X - 45°x10°

includes 1.5 m neoprene cable
H05RN-F 3x1.00 Ø7.0 mm
1 - 5 m

657 lm (3000K, CRI 80)

366 lm (3000K, 31°, CRI 80)

1 high intensity power LED
3-step MacAdam, 50000h L90 B10 (Ta 25°C)

body in aluminium
screen in serigraphed, tempered, transparent
extra-clear glass

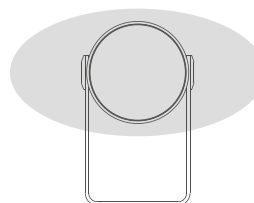
built in

surface mounted (ceiling, wall, ground)

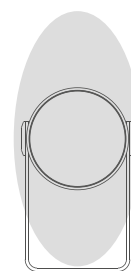
see p. 228

version with 24Vdc power supply available on request

see p. 763



10°x45° optics



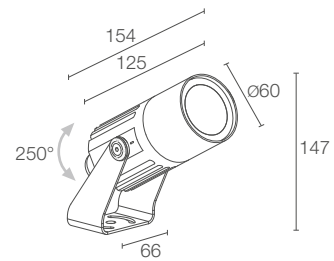
45°x10° optics

FLORI

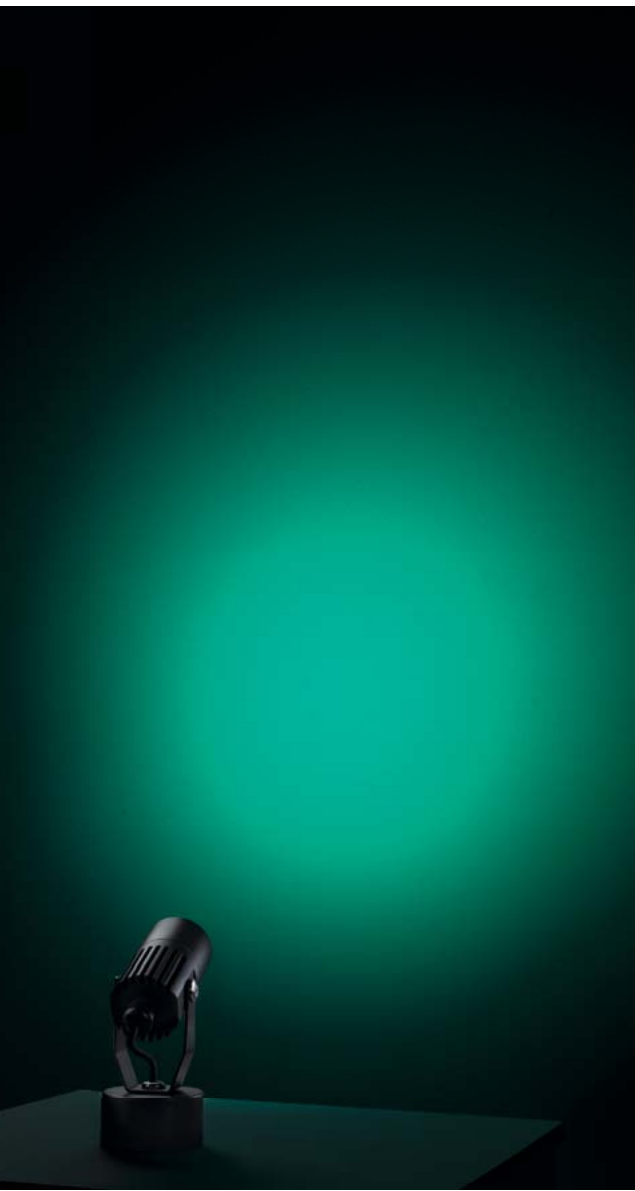


FLORI 1.2

▼
FLORI 1.3
 RGBW, 13W, 60°, anthracite

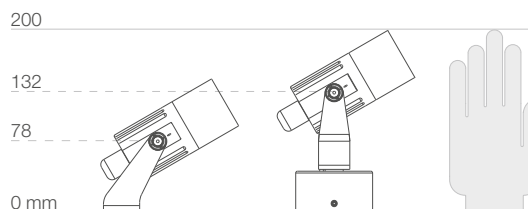
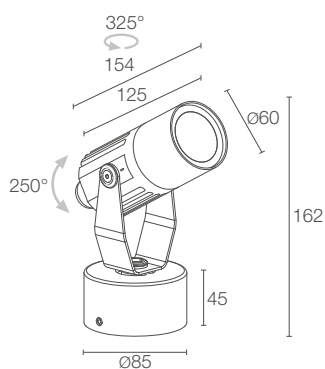


POWER / POWER SUPPLY CODE	13W 24Vdc FS1200 7 ■ E White FS1200 7 ■ F Grey FS1200 7 ■ H Anthracite FS1200 7 ■ T Cor-ten
OPTICS	S - 24° M - 33° L - 60° W - 32°x61° X - 61°x32°
LED COLOUR	RGBW
LUMEN OUTPUT AT SOURCE	512 lm, R: 88 lm G: 160 lm B: 52 lm W: 212 lm (4000K)
DELIVERED LUMEN OUTPUT	304 lm, R: 52 lm G: 95 lm B: 31 lm W: 126 lm (4000K, 33°)
NO. AND TYPE OF LED	1 RGBW LED group 50000h L85 B10 (Ta 25°C)
MATERIAL	body in aluminium screen in serigraphed, tempered, transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 228
POWER CABLES	includes 1.5 m FEP+RUB cable (equivalent to H05RN-F) 6x0.50/0.50 Ø6.3 mm
MOUNTING	surface mounted (ceiling, wall, ground, spike, strap)
ACCESSORIES	see p. 228
PHOTOMETRIC DATA	see p. 763





FLORI 1.3



-
-

- 13W 24Vdc
- FS1300 7 ■ E** White
- FS1300 7 ■ F** Grey
- FS1300 7 ■ H** Anthracite
- FS1300 7 ■ T** Cor-ten

- S** - 24°
- M** - 33°
- L** - 60°
- W** - 32°x61°
- X** - 61°x32°

RGBW

512 lm, R: 88 lm G: 160 lm B: 52 lm
W: 212 lm (4000K)

304 lm, R: 52 lm G: 95 lm B: 31 lm
W: 126 lm (4000K, 33°)

1 RGBW LED group
50000h L85 B10 (Ta 25°C)

body in aluminium
screen in serigraphed, tempered, transparent
extra-clear glass

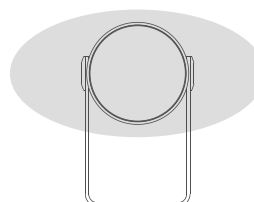
not included, see p. 228

includes 1.5 m FEP+RUB cable
(equivalent to H05RN-F) 6x0.50/0.50 Ø6.3 mm

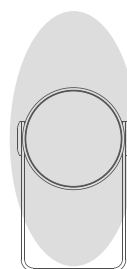
surface mounted (ceiling, wall, ground)

see p. 228

see p. 763



32°x61° optics



61°x32° optics

FLORI

ACCESSORIES AND POWER SUPPLY UNITS

ANTI-GLARE ACCESSORIES



WHA0005

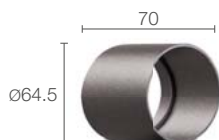
Flori 1.0 / 1.1
(15°, 31°, 36°, 10°x45°, 45°x10° optics)

WH0203

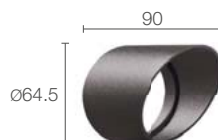
Flori 1.0 / 1.1 (9° optics)
Flori 1.2 / 1.3

Honeycomb louvre
built into the lighting fixture

order together with
the lighting fixture



WB1001E - White
WB1001F - Grey
WB1001H - Anthracite
WB1001T - Cor-ten
Standard snoot



WB1002E - White
WB1002F - Grey
WB1002H - Anthracite
WB1002T - Cor-ten
Asymmetrical snoot



WB1003N - Black
Barn doors

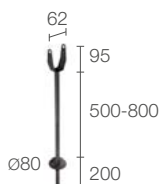
ACCESSORIES

FOR INSTALLATION Flori 1.0 / 1.2



WP0100

Spike for
in-ground installation



h 500 mm

WP1001E - White
WP1001F - Grey
WP1001H - Anthracite
WP1001T - Cor-ten
h 800 mm
WP1002E - White
WP1002F - Grey
WP1002H - Anthracite
WP1002T - Cor-ten

Spike with bracket for
in-ground installation



h 420 mm

WP1003E - White
WP1003F - Grey
WP1003H - Anthracite
WP1003T - Cor-ten
Arm with bracket for
wall-mounted installation



WP1004

Fastener
strap - 5 m

POWER CABLES Flori 1.0 / 1.1

the choice of power cable is included in the configuration
of the code for the lighting fixture

-1 length 5 m

Neoprene cable
H05RN-F 3x1.00 Ø7.0 mm IPS

POWER SUPPLY UNITS Flori 1.2 / 1.3

Max no. fixtures	PSU	IP	Page
1...n	24Vdc	20	847
1...n	24Vdc	67	847
-	RGBW controller	-	855 - 860

Flori mounted on spike with bracket
for in-ground installation



FLORI 1.0 >
3000K, 7W, 45°x10°, anthracite, with spike
NEVA 5.2
RGB, 50W, 24°x46°, with brackets

Project by / iarchitects
Gotha Cosmetics Headquarters, Bergamo, Italy







KLEO

OUTDOOR PROJECTORS
ARCHITECTURAL LIGHTING FOR FACADES AND OPEN SPACES



narrow medium wide



2700K 3000K 4000K

10W 230Vac

20W 230Vac

WITHOUT BASE FOR CONNECTIONS



KLEO 1.0 p. 232



KLEO 2.0 p. 233

WITH BASE FOR CONNECTIONS



KLEO 1.1 p. 232

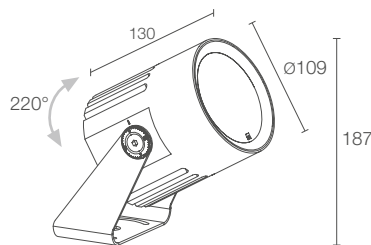


KLEO 2.1 p. 233

KLEO



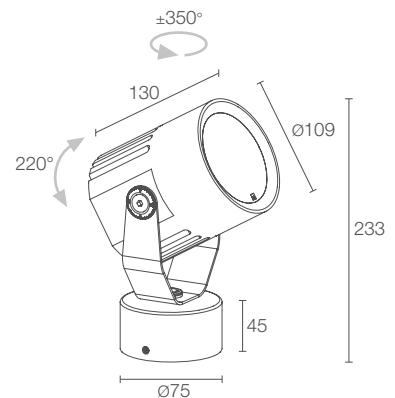
KLEO 1.0



POWER / POWER SUPPLY CODE	10W 230Vac KL1010 ■ ■ ■ ■ ■ E - ■ White KL1010 ■ ■ ■ ■ ■ F - ■ Grey KL1010 ■ ■ ■ ■ ■ H - ■ Anthracite KL1010 ■ ■ ■ ■ ■ T - ■ Cor-ten
CRI	0 - CRI 80 1 - CRI >90
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	V - 16° sharp S - 16° M - 30° L - 63°
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 3x1.00 Ø7.0 mm 1 - 5 m
LUMEN OUTPUT AT SOURCE	945 lm (3000K, CRI 80)
DELIVERED LUMEN OUTPUT	640 lm (3000K, 30°, CRI 80)
NO. AND TYPE OF LED	1 COB LED 3-step MacAdam, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in aluminium screen in serigraphed, tempered, transparent extra-clear glass
POWER SUPPLY UNIT	built in
MOUNTING	surface mounted (ceiling, wall, ground, spike)
ACCESSORIES	see p. 234
PHOTOMETRIC DATA	see p. 774



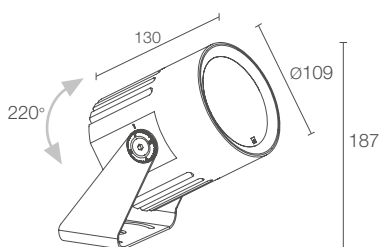
KLEO 1.1



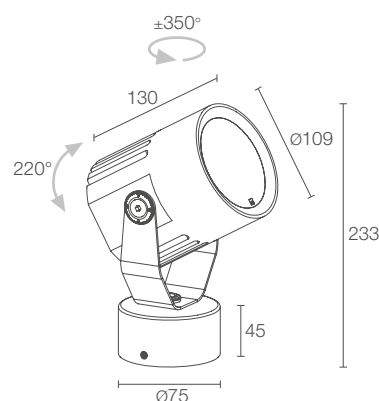
POWER / POWER SUPPLY CODE	10W 230Vac KL1110 ■ ■ ■ ■ ■ E - ■ White KL1110 ■ ■ ■ ■ ■ F - ■ Grey KL1110 ■ ■ ■ ■ ■ H - ■ Anthracite KL1110 ■ ■ ■ ■ ■ T - ■ Cor-ten
CRI	0 - CRI 80 1 - CRI >90
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	V - 16° sharp S - 16° M - 30° L - 63°
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 3x1.00 Ø7.0 mm 1 - 5 m
LUMEN OUTPUT AT SOURCE	945 lm (3000K, CRI 80)
DELIVERED LUMEN OUTPUT	640 lm (3000K, 30°, CRI 80)
NO. AND TYPE OF LED	1 COB LED 3-step MacAdam, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in aluminium screen in serigraphed, tempered, transparent extra-clear glass
POWER SUPPLY UNIT	built in
MOUNTING	surface mounted (ceiling, wall, ground)
ACCESSORIES	see p. 234
PHOTOMETRIC DATA	see p. 774



KLEO 2.0



KLEO 2.1



POWER / POWER SUPPLY CODE	20W 230Vac KL2010 ■ ■ ■ E - ■ White KL2010 ■ ■ ■ F - ■ Grey KL2010 ■ ■ ■ H - ■ Anthracite KL2010 ■ ■ ■ T - ■ Cor-ten
CRI	0 - CRI 80 1 - CRI >90
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	V - 16° sharp S - 22° M - 38° L - 64°
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 3x1.00 Ø7.0 mm 1 - 5 m
LUMEN OUTPUT AT SOURCE	2280 lm (3000K, CRI 80)
DELIVERED LUMEN OUTPUT	1308 lm (3000K, 38°, CRI 80)
NO. AND TYPE OF LED	1 COB LED 3-step MacAdam, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in aluminium screen in serigraphed, tempered, transparent extra-clear glass
POWER SUPPLY UNIT	built in
MOUNTING	surface mounted (ceiling, wall, ground, spike)
ACCESSORIES	see p. 234
PHOTOMETRIC DATA	see p. 774

POWER / POWER SUPPLY CODE	20W 230Vac KL2110 ■ ■ ■ E - ■ White KL2110 ■ ■ ■ F - ■ Grey KL2110 ■ ■ ■ H - ■ Anthracite KL2110 ■ ■ ■ T - ■ Cor-ten
CRI	0 - CRI 80 1 - CRI >90
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	V - 16° sharp S - 22° M - 38° L - 64°
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 3x1.00 Ø7.0 mm 1 - 5 m
LUMEN OUTPUT AT SOURCE	2280 lm (3000K, CRI 80)
DELIVERED LUMEN OUTPUT	1308 lm (3000K, 38°, CRI 80)
NO. AND TYPE OF LED	1 COB LED 3-step MacAdam, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in aluminium screen in serigraphed, tempered, transparent extra-clear glass
POWER SUPPLY UNIT	built in
MOUNTING	surface mounted (ceiling, wall, ground)
ACCESSORIES	see p. 234
PHOTOMETRIC DATA	see p. 774

KLEO

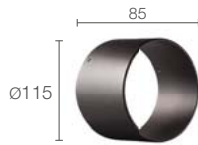
ACCESSORIES

ANTI-GLARE ACCESSORIES

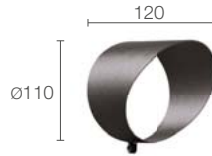


WH0505

Honeycomb louvre
built into the lighting fixture
order together with
the lighting fixture
the honeycomb louvre
can be fitted on all optics
except for the 16° sharp optics



WB1101E - White
WB1101F - Grey
WB1101H - Anthracite
WB1101T - Cor-ten
Standard snout



WB1102E - White
WB1102F - Grey
WB1102H - Anthracite
WB1102T - Cor-ten
Asymmetrical snout



WB1103N - Black
Barn doors

ACCESSORIES FOR INSTALLATION



WP0300

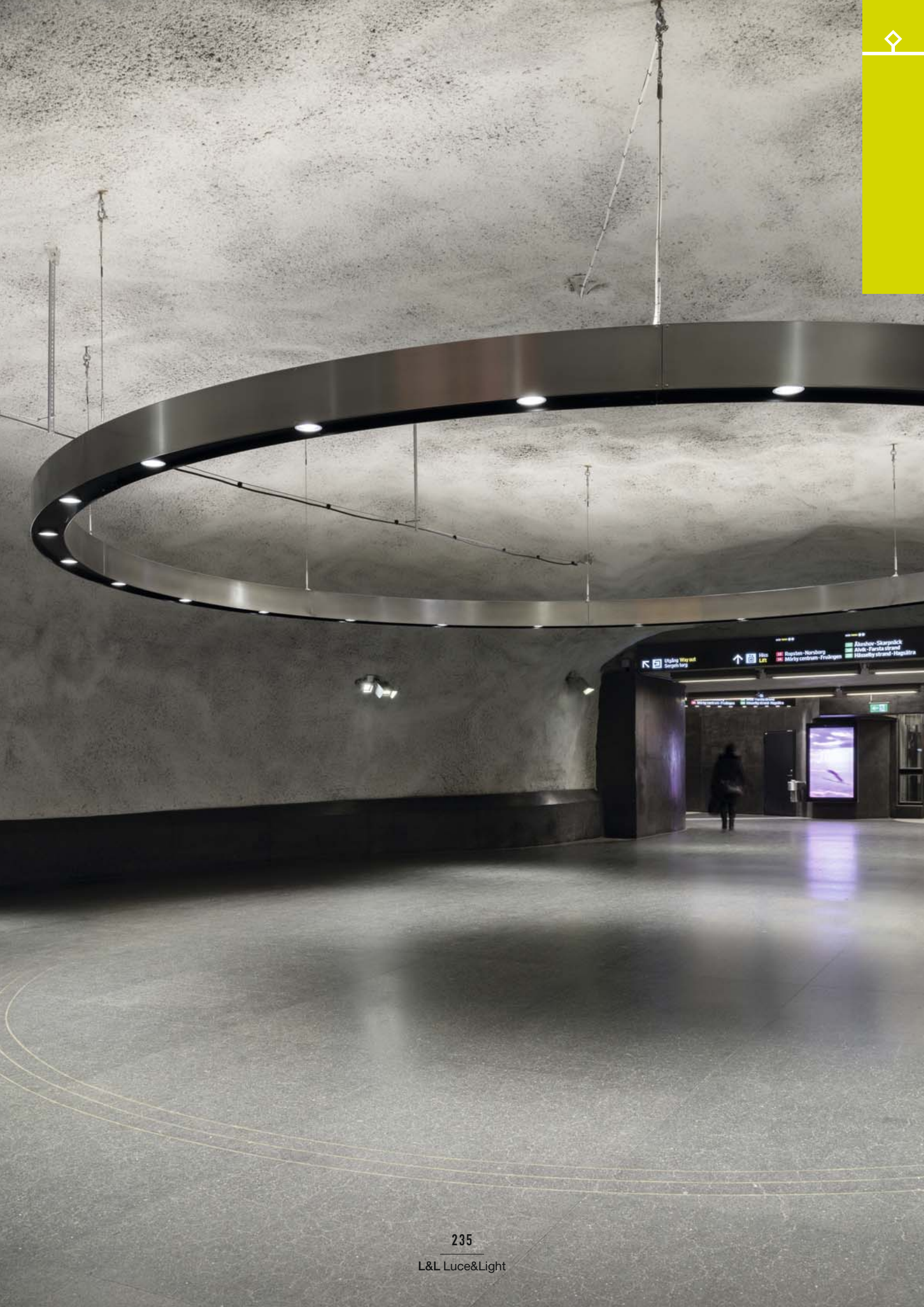
Spike for
in-ground installation
(Kleo 1.0 / 2.0)

POWER CABLES

the choice of power cable is included in the configuration
of the code for the lighting fixture

-1 length 5 m

Neoprene cable
H05RN-F 3x1.00 Ø7.0 mm IPS



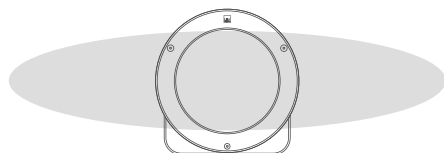
STRA P

OUTDOOR PROJECTORS, ARCHITECTURAL LIGHTING FOR LARGE BUILDINGS

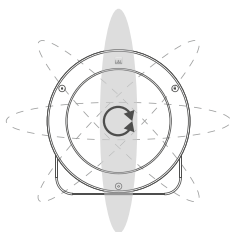




STRA P 1.0



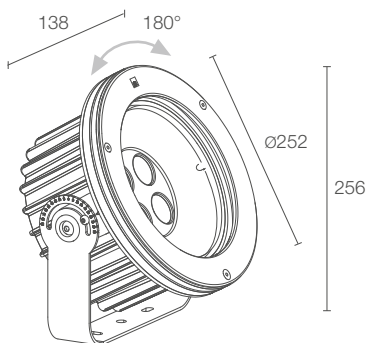
10°x45° optics



Adjustable
66°x11° optics



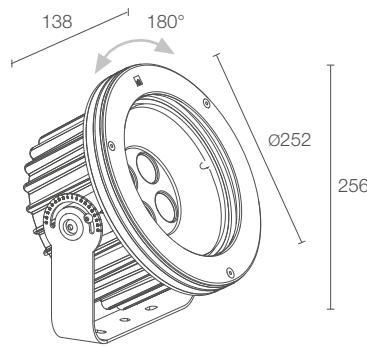
patented
elliptical optics,
adjusted manually
with magnet



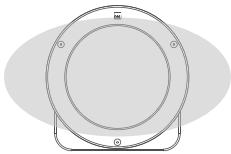
POWER / POWER SUPPLY CODE	37W 230Vac PS1010 ■ ■ ■ H Anthracite 37W 230Vac 1-10V PS1010 ■ ■ ■ H R Anthracite
CRI	0 - CRI 80 1 - CRI >90
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	V - 11° S - 14° M - 30° L - 37° W - 10°x45° X - 66°x11° adjustable
LUMEN OUTPUT AT SOURCE	3402 lm (3000K, CRI 80)
DELIVERED LUMEN OUTPUT	2024 lm (3000K, 30°, CRI 80) 2205 lm (3000K, 66°x11°, CRI 80)
NO. AND TYPE OF LED	4 high intensity power LEDs 3-step MacAdam, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in die-cast aluminium trim in AISI 316L stainless steel screen in serigraphed, tempered, transparent extra-clear glass
POWER SUPPLY UNIT	built in
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 3x1.00 Ø7.0 mm
MOUNTING	surface mounted (ceiling, wall, ground)
ACCESSORIES	see p. 239
FEATURES	66°x11° optics adjustable through 360° using magnet included
NOTES	Stra 1.0 recessed version p. 106 DALI version available on request
PHOTOMETRIC DATA	see p. 827



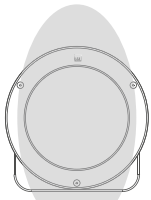
STRA P 5.0



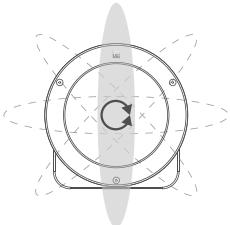
patented
elliptical optics,
adjusted manually
with magnet



32°x61° optics



61°x32° optics



Adjustable
66°x11° optics



POWER / POWER SUPPLY CODE	39W 24Vdc PS5000 7 ■ H Anthracite
OPTICS	S - 24° M - 33° L - 60° W - 32°x61° Z - 61°x32° X - 66°x11° adjustable
LED COLOUR	RGBW
LUMEN OUTPUT AT SOURCE	2048 lm, R: 352 lm G: 640 lm B: 208 lm W: 848 lm (4000K)
DELIVERED LUMEN OUTPUT	1216 lm, R: 209 lm G: 380 lm B: 123 lm W: 504 lm (4000K, 33°)
NO. AND TYPE OF LED	4 RGBW LED groups 50000h L85 B10 (Ta 25°C)
MATERIAL	body in die-cast aluminium trim in AISI 316L stainless steel screen in serigraphed, tempered, transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 239
POWER CABLES	includes 1.5 m FEP+RUB cable (equivalent to H05RN-F) 6x0.50/0.50 Ø6.3 mm
MOUNTING	surface mounted (ceiling, wall, ground)
FEATURES	66°x11° optics adjustable through 360° using magnet included
NOTES	Stra 5.0 recessed version p. 109
PHOTOMETRIC DATA	see p. 827



STRA P

ACCESSORIES AND POWER SUPPLY UNITS

ANTI-GLARE ACCESSORIES



WH0610

Honeycomb louvre
built into the lighting fixture

order together with
the lighting fixture

the honeycomb louvre can be fitted on all
optics except for the 66°x11° optics

ACCESSORIES FOR INSTALLATION



WN7100

Anti-fall kit

for spare parts, see p. 866

POWER SUPPLY UNITS Stra P 5.0

Max no. fixtures	PSU	IP	Page
1...n	24Vdc	20	847
1...n	24Vdc	67	847
-	RGBW controller	-	855 - 860

▼
STRA P 1.0
2700K, 37W, 30°

Light planning and product distribution / Mise en Scène Éclairage

Project and installation / VinJay-Studio

Photo by / Lisa Ricciotti

La Villa Madie, Cassis, France





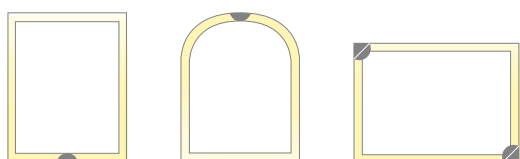


LYSS

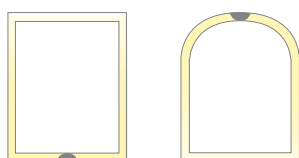
OUTDOOR PROJECTORS
FOR HIGHLIGHTING ARCHITECTURAL ELEMENTS IN FACADES

2700K 3000K 4000K blue

RGBW



LYSS MINI 1.0 p. 244
3W 24Vdc



LYSS 1.0 p. 245
5W 230Vac
9W 230Vac



LYSS 2.0 p. 245
19W 24Vdc

SEMICIRCULAR
UNIFORM BLADE
OF LIGHT:
SHARP, TRANSPARENT
OPTICS, 10°x180°



SEMICIRCULAR
UNIFORM BLADE
OF LIGHT:
SOFT, FROSTED
OPTICS, 20°X180°



SUITABLE FOR
OUTDOOR INSTALLATIONS
ON FACADES
THANKS TO ITS SMALL
DIMENSIONS THAT
MAKE IT BARELY VISIBLE



LYSS 2.0
SCREEN MADE OF
POLYCARBONATE WITH
ANTI-UV COATING,
CHARACTERISED BY EXCELLENT
IMPACT RESISTANCE



COLORSENSE TECHNOLOGY
CHROMATICALLY
BLENDS AND SHAPES
RGBW LIGHT, PRODUCING
A 12°x160° BEAM

BUILT-IN PROTECTION
SYSTEMS:



IPS
INTELLIGENT
PROTECTION SYSTEM
(LYSS MINI 1.0)



PID
PROTECTIVE
IMPEDANCE DEVICE
(LYSS 1.0 / 2.0)



RAL FINISH
ON REQUEST



6-STEP MATERIAL PROTECTION,
AND OXIDATION AND
CORROSION RESISTANCE

Low-copper-content aluminium alloy EN AB 47100
Preparation for painting with ALODINE NT-E® coating
Epoxy paint
Polyester paint
Paints compliant with Qualicoat automotive coating standard
Salt spray tested (over 1000 hours) (Lyss 1.0 / 2.0)
Salt spray tested (over 2000 hours) (Lyss Mini 1.0)



LYSS 2.0
BODY IN LOW-COPPER-
CONTENT DIE-CAST
ALUMINIUM ALLOY
EN AB 47100 FOR EXCELLENT
CORROSION RESISTANCE



LYSS

UNIQUE SELLING POINTS

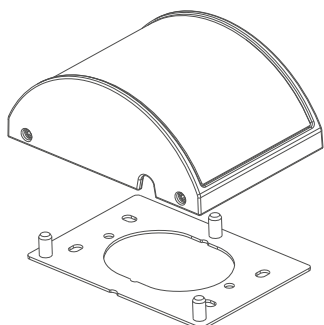
IK07

LYSS MINI 1.0
BODY IN THERMALLY
CONDUCTIVE PLASTIC,
PROVIDING GOOD HEAT
DISSIPATION AND EXCELLENT
CORROSION RESISTANCE,
EVEN IN HARSH (SALINE)
ENVIRONMENTS



IK05

LYSS 1.0
SCREEN IN
SERIGRAPHED GLASS
WITH EXCELLENT
SCRATCH RESISTANCE



LYSS 1.0 / 2.0
PLATE ADJUSTABLE
BY 5° TO ALIGN
LIGHT BEAM WITH
INSTALLATION SURFACE

LYSS 1.0
BODY IN LOW-COPPER-
CONTENT DIE-CAST
ALUMINIUM ALLOY
EN AB 47100 FOR EXCELLENT
CORROSION RESISTANCE

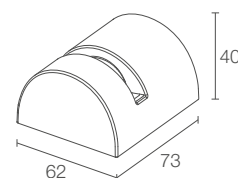
BUILT-IN POWER SUPPLY UNIT

✓
LYSS 1.0
 3000K, 9W, clear 10°x180°, white
SIRI 2.0
 3000K, 16W, 40°, white
NEVA 2.1
 3000K, 16W, 45°

Project by / Amatori Architettura d'Interni
 Architecture by / arch. Gino Valle
 Light planning by / Litek
 Banca Alto Vicentino-Schio, head office, Schio, Vicenza, Italy



LYSS MINI 1.0



POWER / POWER SUPPLY CODE	3W 24Vdc
	LM10000 ■ ■ ■ E White
	LM10000 ■ ■ ■ F Grey
	LM10000 ■ ■ ■ H Anthracite
LM10000 ■ ■ ■ T Cor-ten	

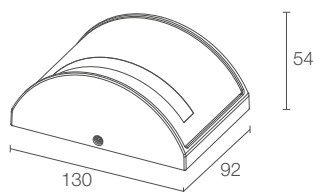
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 1 - blue
OPTICS	Z - clear 8°x160° Y - satin 9°x160°
LUMEN OUTPUT AT SOURCE	246 lm (3000K)
DELIVERED LUMEN OUTPUT	67 lm (3000K, 8°x160°)
NO. AND TYPE OF LED	1 power LED 1/4 ANSI BIN (white LED colour) 50000h L95 B10 (Ta 25°C)
MATERIAL	body in thermally conductive plastic
POWER SUPPLY UNIT	not included, see p. 246
POWER CABLES	includes 1.5 m neoprene cable 05RN-F 2x0.35 Ø4.6 mm
MOUNTING	surface mounted (windowsill, arch, corner)
ACCESSORIES	see p. 246
PHOTOMETRIC DATA	see p. 786



LYSS



LYSS 1.0



- 5W 230Vac
LY1010 ■ ■ ■ **E** White
LY1010 ■ ■ ■ **F** Grey
LY1010 ■ ■ ■ **H** Anthracite
LY1010 ■ ■ ■ **T** Cor-ten

- 9W 230Vac
LY1011 ■ ■ ■ **E** White
LY1011 ■ ■ ■ **F** Grey
LY1011 ■ ■ ■ **H** Anthracite
LY1011 ■ ■ ■ **T** Cor-ten

■ **F** - 2700K
 ■ **5** - 3000K
 ■ **9** - 4000K
 ■ **1** - blue

■ **Z** - clear 10°x180°
 ■ **Y** - satin 20°x180°

347 lm (3000K, 5W)
 603 lm (3000K, 9W)

109 lm (3000K, 20°x180°, 5W)
 189 lm (3000K, 20°x180°, 9W)

2 power LEDs
 1/4 ANSI BIN (white LED colour)
 50000h L95 B10 (Ta 25°C)

body in die-cast aluminium
 screen in serigraphed extra-clear glass

built in

includes 1.5 m neoprene cable
 H05RN-F 3x1.00 Ø7.0 mm

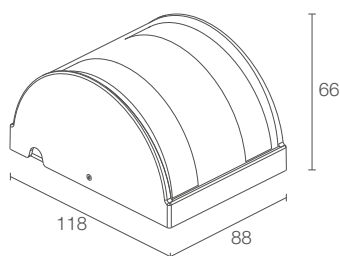
surface mounted (windowsill, arch)

see p. 246

see p. 786



LYSS 2.0



- 19W 24Vdc
LY2000 7 U E White
LY2000 7 U F Grey
LY2000 7 U H Anthracite
LY2000 7 U T Cor-ten

RGBW

12°x160°

1024 lm, R: 124 lm G: 340 lm B: 120 lm W: 440 lm (4000K)

256 lm, R: 31 lm G: 85 lm B: 30 lm W: 110 lm (4000K)

4 RGBW LED groups
 50000h L85 B10 (Ta 25°C)

body in die-cast aluminium
 screen in polycarbonate

not included, see p. 246

includes 1.5 m FEP+RUB cable (equivalent to H05RN-F)
 6x0.50/0.50 Ø6.3 mm

surface mounted (windowsill, arch)

see p. 246

see p. 786

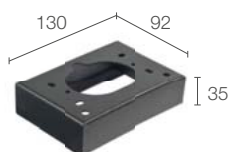
LYSS

ACCESSORIES AND POWER SUPPLY UNITS

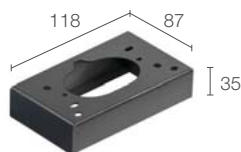
ACCESSORIES FOR INSTALLATION



WC0301
Optional outer casing
(Lyss 1.0 / 2.0)



WD0500E - White
WD0500F - Grey
WD0500H - Anthracite
WD0500T - Cor-ten
Connection housing
(Lyss 1.0)



WD0600E - White
WD0600F - Grey
WD0600H - Anthracite
WD0600T - Cor-ten
Connection housing
(Lyss 2.0)

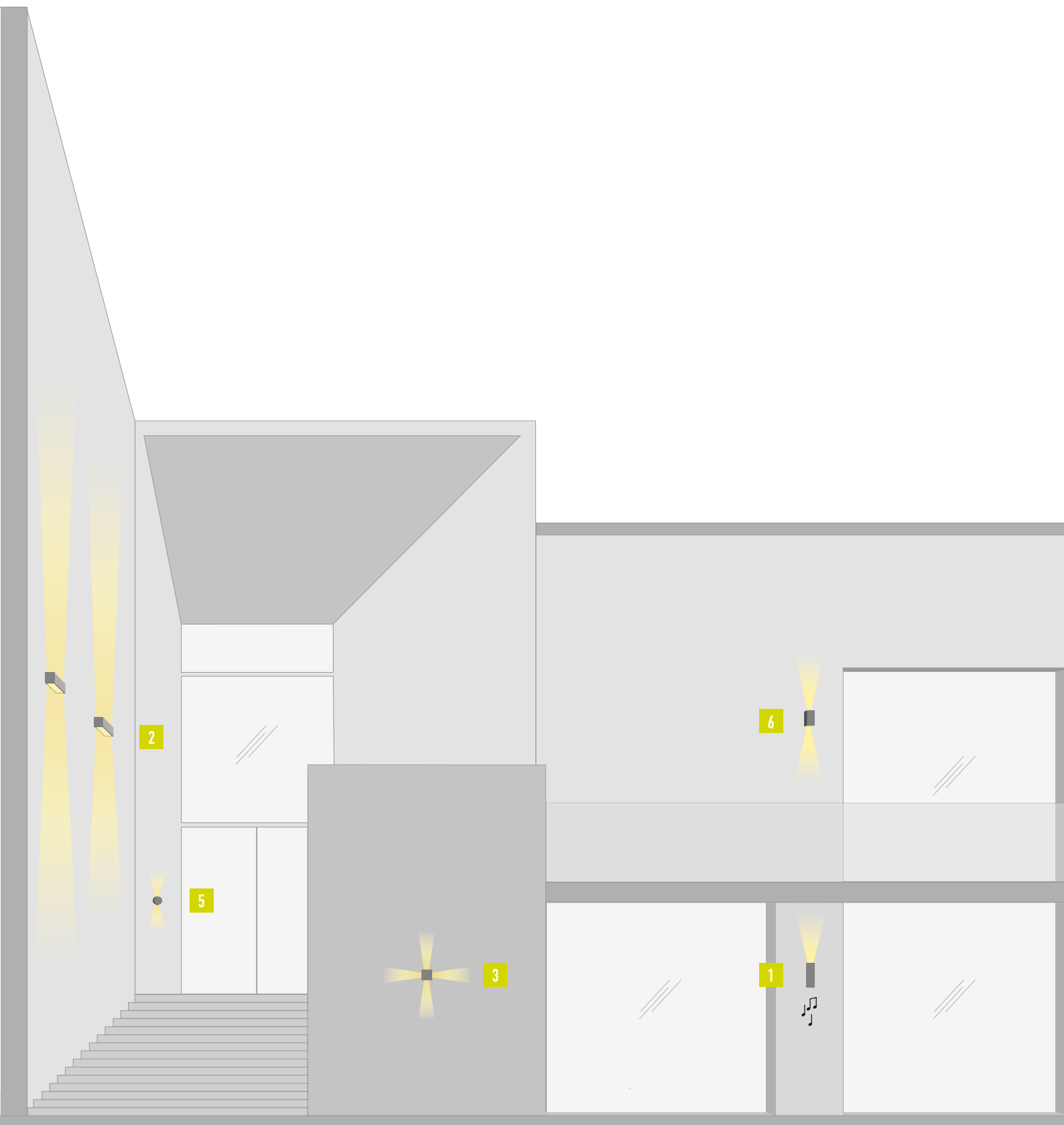


WD0800E - White
WD0800F - Grey
WD0800H - Anthracite
WD0800T - Cor-ten
Base for corners
(Lyss Mini 1.0)

POWER SUPPLY UNITS Lyss Mini 1.0 / Lyss 2.0

Max no. fixtures	PSU	IP	Page
1...n	24Vdc	20	847
1...n	24Vdc	67	847
-	RGBW controller (Lyss 2.0)	-	855 - 860





1 INTONO p. 252

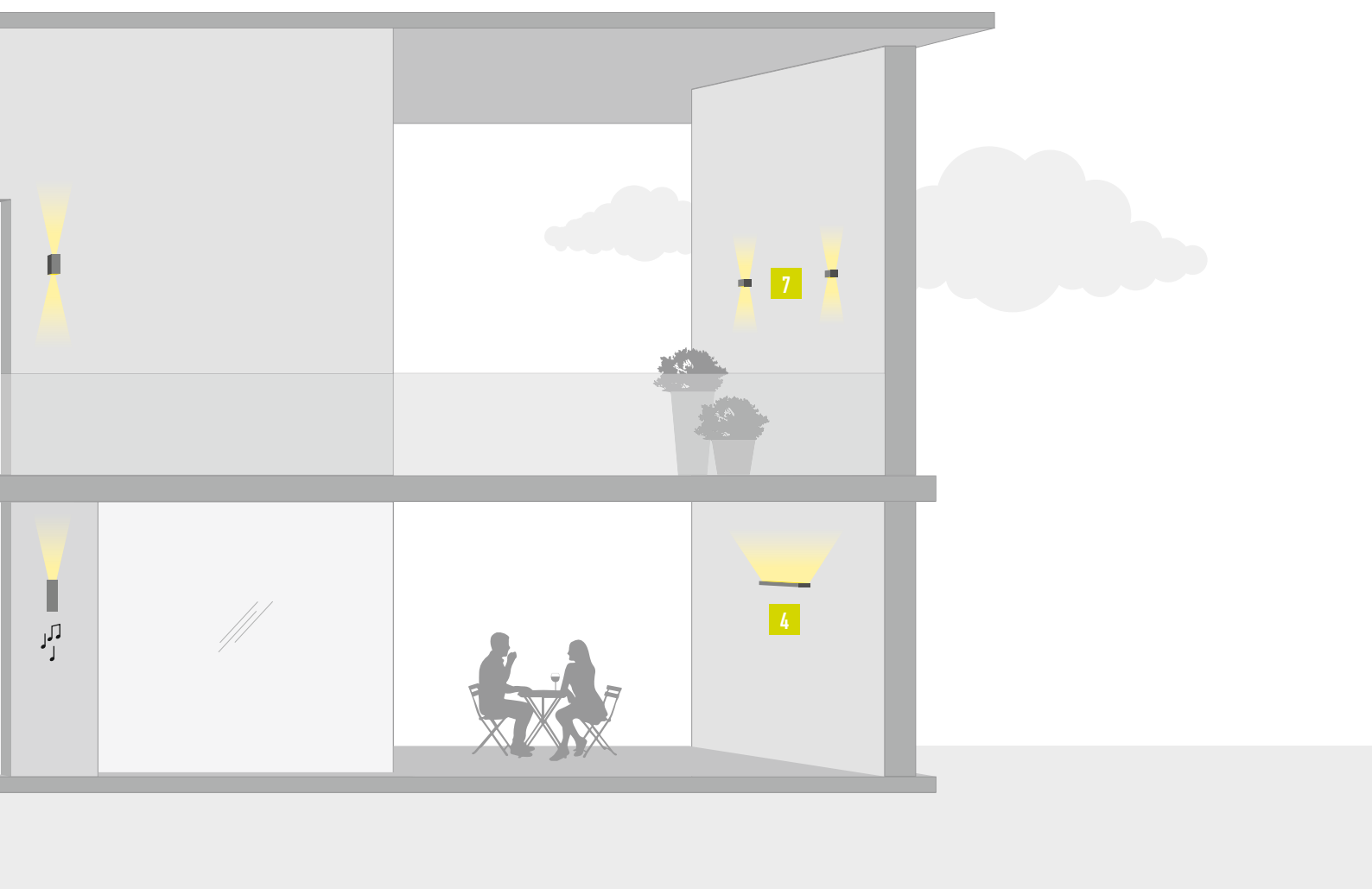
2 GEKO p. 264

3 KOCCA p. 270

4 ELLA OUT p. 278

WALL MOUNTED

FOR OUTDOOR APPLICATIONS



5 UPDOWN p. 284

6 BROM p. 292

7 CUBE W p. 298



INTONO
see p. 252



GEKO
see p. 264

BEAM	DIFFUSE VERSION		
	OPTICS VERSION		
LIGHT COLOUR			
POWER		3–38W	10–28W
DELIVERED LUMEN OUTPUT (3000K)		146–1386 lm per beam	531–831 lm per beam
POWER SUPPLY	CONSTANT CURRENT power supply unit not included		
	CONSTANT VOLTAGE power supply unit not included	24Vdc	
	MAINS VOLTAGE built-in power supply unit	230Vac	230Vac
IP		IP65	IP65
APPLIANCE CLASS			
UNIQUE SELLING POINTS		version with primer version with speaker	



KOCCA
see p. 270



ELLA OUT
see p. 278



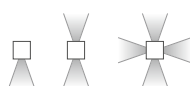
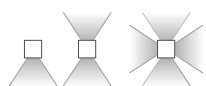
UPDOWN
see p. 284



BROM
see p. 292



CUBE W
see p. 298



2700K 3000K 4000K

2700K 3000K 4000K

2700K 3000K 4000K blue RGB

2700K 3000K 4000K 5000K blue

2700K 3000K 4000K 5000K blue RGB

4-40W

7-19W

3-6W (RGB light)
4-8W (white/blue light)

max 2-max 12W

max 3W (RGB light)
max 6W (white/blue light)

119-1137 lm
per beam

493-1478 lm

103-239 lm
per beam

88-251 lm
per beam

295-337 lm

max 350mA (white/RGB light)
max 500mA (white/blue light)

max 500mA

max 350mA (RGB light)
max 500mA (white/blue light)

24Vdc (white/blue light)

230Vac

230Vac

IP65

IP65

IP65

IP66

IP54





INTONO

OUTDOOR WALL MOUNTED
WITH SINGLE BEAM, DOUBLE BEAM OR SPEAKER



RESIDENTIAL

HOSPITALITY

HOSPITALITY

URBAN LIGHTING



INTONO 1.1 p. 256
3W 24Vdc



INTONO 2.1 p. 259
6W 230Vac



INTONO 3.1 p. 260
10W 230Vac



INTONO 4.1 p. 262
19W 230Vac



INTONO 1.2 p. 256
6W 24Vdc



INTONO 2.2 p. 259
12W 230Vac



INTONO 3.2 p. 261
20W 230Vac



INTONO 4.2 p. 263
38W 230Vac



INTONO 3.9 p. 261
9W 24Vdc



INTONO 4.9 p. 263
17W 24Vdc



SS
15°+15°

INTONO 3.2



MM
20°+20°



LL
43°+43°



SL
15°+43°



WW
wall grazing + wall grazing



WA
wall grazing + asymmetrical



ZW
11° asymmetrical + wall grazing



reddot winner 2020
lighting design



2019
WINNER
LIGHTING
DESIGN
AWARDS



IK04

TRANSPARENT EXTRA-CLEAR GLASS
WITH VITRIFIED BLACK SERIGRAPHY,
UP TO 4 MM THICK, HIGH
TRANSMITTANCE TO ENSURE
CHROMATIC UNIFORMITY
OF LIGHT AND TEMPERED
FOR EXCELLENT RESISTANCE
TO KNOCKS AND SCRATCHES



ON REQUEST:
RAL FINISH

BODY IN DIE-CAST
LOW-COPPER-CONTENT
ALUMINIUM EN AB 46100,
FOR EXCELLENT
RESISTENCE
TO CORROSION

IP65

SUITABLE
FOR OUTDOOR
APPLICATIONS



INTONO

UNIQUE SELLING POINTS

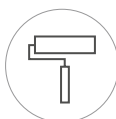


6-STEP MATERIAL PROTECTION, AND OXIDATION AND CORROSION RESISTANCE

EN AB 46100 low-copper-content aluminium alloy
Preparation for painting with ALODINE NT-E® coating
Epoxy paint
Polyester paint
Paints compliant with Qualicoat automotive coating standard
Salt spray tested (over 1500 hours)



THE VERSION COVERED IN
A NEUTRAL, BONDING PRIMER
ALLOWS THE SURFACE TO BE
PAINTED WITH THE SAME WALL
PAINT AS THE WALL IT'S ON,
FOCUSING ATTENTION ON
THE LIGHT OUTPUT ALONE



COMMUNICATES WITH
SMART SPEAKERS SUCH AS
GOOGLE HOME OR AMAZON ECHO
OVER WI-FI USING THE ZIGBEE
PROTOCOL, WITH QUICK VOICE
COMMANDS – AVAILABLE ON REQUEST



INTONO 3.9 / 4.9
CONTAIN A SPEAKER THAT
CAN PLAY YOUR PLAYLISTS FROM
SPOTIFY OR AMAZON MUSIC



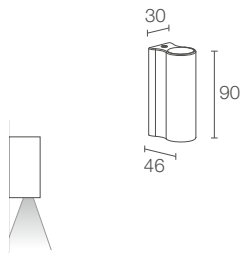
INTONO 3.1 3000K, 10W, ASYMMETRICAL OPTICS



INTONO 1



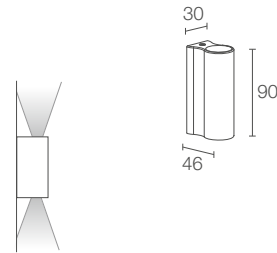
INTONO 1.1



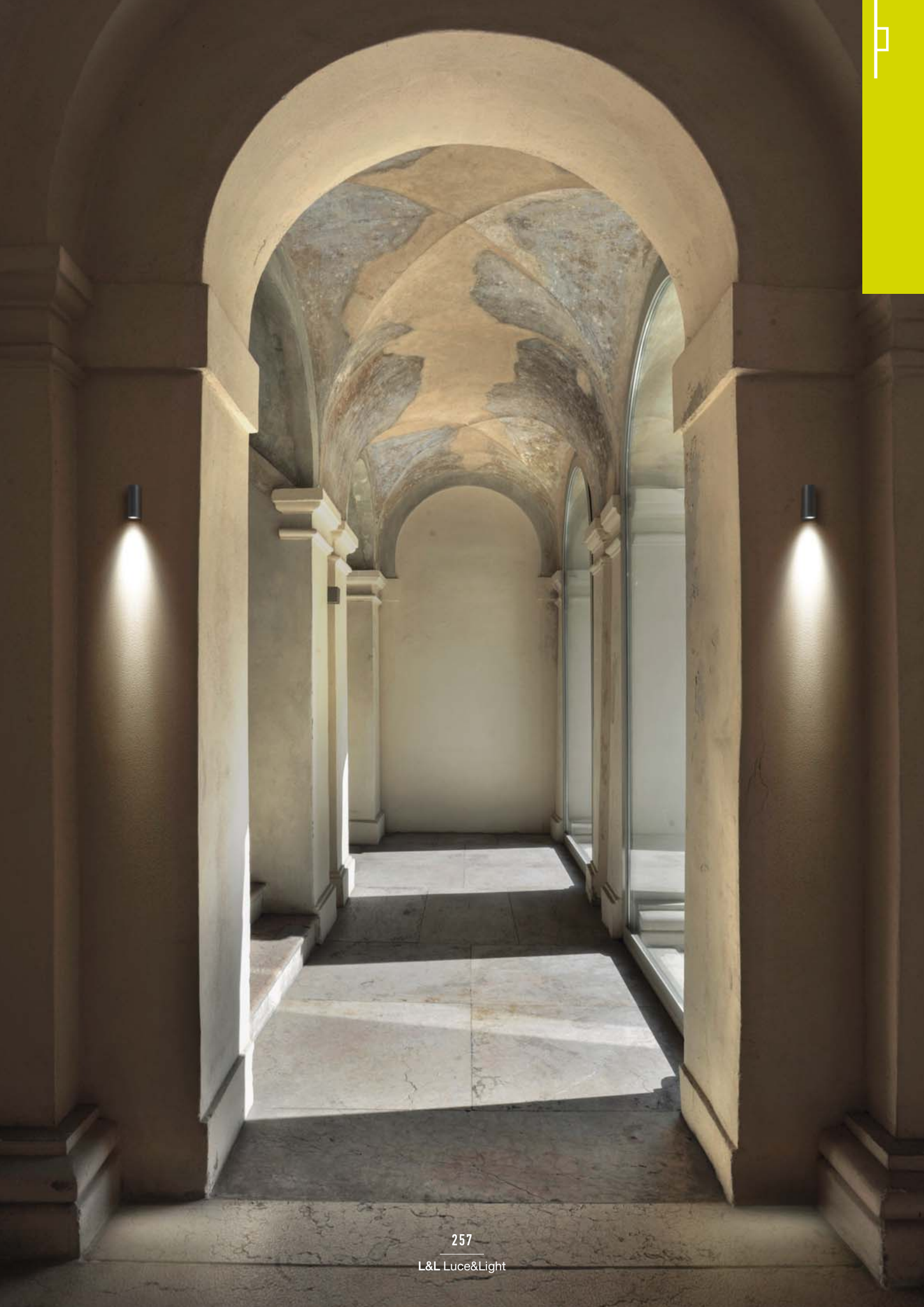
POWER / POWER SUPPLY CODE	3W 24Vdc NT1100 E White NT1100 F Grey NT1100 H Anthracite NT1100 T Cor-ten NT1100 7 Primer
CRI	0 - CRI 80 1 - CRI >90
HONEYCOMB LOUVRE	0 - not present 1 - present
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	S - 13° M - 22° L - 33°
LUMEN OUTPUT AT SOURCE	168 lm (3000K, CRI 80)
DELIVERED LUMEN OUTPUT	146 lm (3000K, 22°, CRI 80)
NO. AND TYPE OF LED	1 power LED 1/4 ANSI BIN, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in die-cast aluminium screen in black-serigraphed, tempered, transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 847
MOUNTING	surface mounted (wall)
NOTES	version compatible with Google Home or Amazon Echo available on request for voice command control
PHOTOMETRIC DATA	see p. 772



INTONO 1.2



POWER / POWER SUPPLY CODE	6W 24Vdc NT1200 E White NT1200 F Grey NT1200 H Anthracite NT1200 T Cor-ten NT1200 7 Primer
CRI	0 - CRI 80 1 - CRI >90
HONEYCOMB LOUVRE	0 - not present 1 - present
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	SS - 13°+13° MM - 22°+22° LL - 33°+33° SL - 13°+33°
LUMEN OUTPUT AT SOURCE	168 lm (3000K, CRI 80) per beam
DELIVERED LUMEN OUTPUT	146 lm (3000K, 22°, CRI 80) per beam
NO. AND TYPE OF LED	2 power LEDs 1/4 ANSI BIN, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in die-cast aluminium screen in black-serigraphed, tempered, transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 847
MOUNTING	surface mounted (wall)
NOTES	version compatible with Google Home or Amazon Echo available on request for voice command control
PHOTOMETRIC DATA	see p. 772

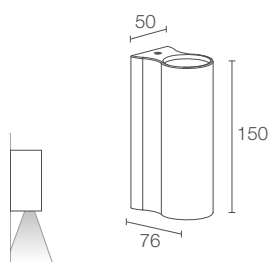




INTONO 2



INTONO 2.1



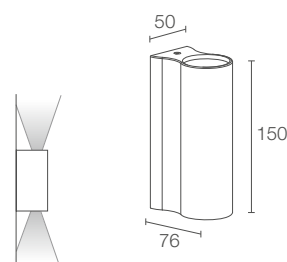
POWER / POWER SUPPLY CODE

6W 230Vac
NT2110 ■ ■ ■ ■ **0** ■ **E** White
NT2110 ■ ■ ■ ■ **0** ■ **F** Grey
NT2110 ■ ■ ■ ■ **0** ■ **H** Anthracite
NT2110 ■ ■ ■ ■ **0** ■ **T** Cor-ten
NT2110 ■ ■ ■ ■ **0** ■ **7** Primer

■ CRI	0 - CRI 80 1 - CRI >90
■ HONEYCOMB LOUVRE	0 - not present 1 - present (not compatible with the 8° asymmetrical and diffuse optics)
■ LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
■ OPTICS	Z - asymmetrical, 8° T - 11° M - 34° K - 68° D - diffuse
LUMEN OUTPUT AT SOURCE	488 lm (3000K, CRI 80)
DELIVERED LUMEN OUTPUT	352 lm (3000K, 34°, CRI 80)
NO. AND TYPE OF LED	1 power LED 3-step MacAdam, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in die-cast aluminium screen in black-serigraphed, tempered, transparent extra-clear glass
POWER SUPPLY UNIT	built in
MOUNTING	surface mounted (wall)
NOTES	version compatible with Google Home or Amazon Echo available on request for voice command control
PHOTOMETRIC DATA	see p. 772



INTONO 2.2



12W 230Vac
NT2210 ■ ■ ■ ■ **0** ■ **E** White
NT2210 ■ ■ ■ ■ **0** ■ **F** Grey
NT2210 ■ ■ ■ ■ **0** ■ **H** Anthracite
NT2210 ■ ■ ■ ■ **0** ■ **T** Cor-ten
NT2210 ■ ■ ■ ■ **0** ■ **7** Primer

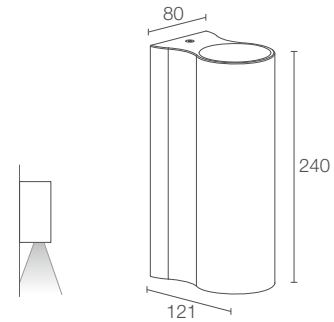
■ CRI	0 - CRI 80 1 - CRI >90
■ HONEYCOMB LOUVRE	0 - not present 1 - present (not compatible with the diffuse+diffuse and asymmetrical 8°+68° versions)
■ LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
■ OPTICS	TT - 11°+ 11° TK - 11°+ 68° MM - 34°+ 34° KK - 68°+ 68° DD - diffuse + diffuse ZK - asymmetrical, 8°+ 68°
LUMEN OUTPUT AT SOURCE	488 lm (3000K, CRI 80) per beam
DELIVERED LUMEN OUTPUT	352 lm (3000K, 34°, CRI 80) per beam
NO. AND TYPE OF LED	2 power LEDs 3-step MacAdam, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in die-cast aluminium screen in black-serigraphed, tempered, transparent extra-clear glass
POWER SUPPLY UNIT	built in
MOUNTING	surface mounted (wall)
NOTES	version compatible with Google Home or Amazon Echo available on request for voice command control
PHOTOMETRIC DATA	see p. 772



INTONO 3



INTONO 3.1



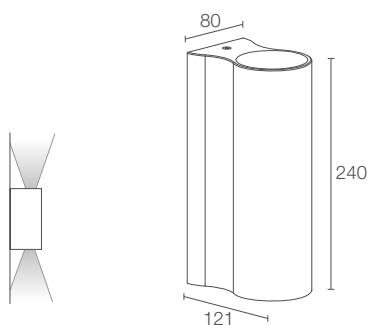
^
INTONO 3.9
 speaker:
 maximum power 3W
 nominal impedance Z 16 Ohm
 mean sound pressure level 86 dB (1W/1m)



POWER / POWER SUPPLY CODE	10W 230Vac NT3110 0 0 0 0 E White NT3110 0 0 0 0 F Grey NT3110 0 0 0 0 H Anthracite NT3110 0 0 0 0 T Cor-ten NT3110 0 0 0 0 7 Primer
CRI	0 - CRI 80 1 - CRI >90
CONTROL SYSTEM	0 - on/off R - 1-10V DALI on request
HONEYCOMB LOUVRE	0 - not present 1 - present (not compatible with the asymmetrical, 11° asymmetrical and wall-grazing optics)
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	Z - asymmetrical, 11° S - 15° M - 20° L - 43° W - wall grazing A - asymmetrical
LUMEN OUTPUT AT SOURCE	988 lm (3000K, CRI 80)
DELIVERED LUMEN OUTPUT	837 lm (3000K, 15°, CRI 80)
NO. AND TYPE OF LED	1 high power density COB LED 2-step MacAdam, 50000h L95 B10 (Ta 25°C)
MATERIAL	body in die-cast aluminium screen in black-serigraphed, tempered, transparent extra-clear glass
POWER SUPPLY UNIT	built in
MOUNTING	surface mounted (wall)
ACCESSORIES	none
NOTES	version compatible with Google Home or Amazon Echo available on request for voice command control
PHOTOMETRIC DATA	see p. 773



INTONO 3.2



CE kg 2.20 IP65 IK04

A A+ A++

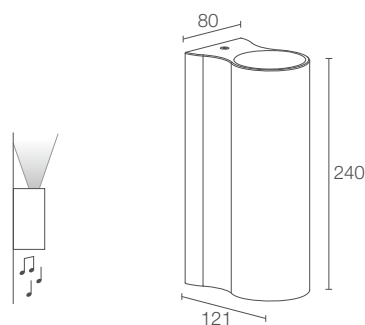
20W 230Vac

NT3210 0 0 0 E White
 NT3210 0 0 0 F Grey
 NT3210 0 0 0 H Anthracite
 NT3210 0 0 0 T Cor-ten
 NT3210 0 0 0 7 Primer

	0 - CRI 80 1 - CRI >90
	0 - on/off R - 1-10V DALI on request
	0 - not present 1 - present (not compatible with the wall-grazing+wall-grazing, wall-grazing+asymmetrical, and 11° asymmetrical+wall-grazing versions)
	F - 2700K 5 - 3000K 9 - 4000K
	SS - 15°+ 15° MM - 20°+ 20° LL - 43°+ 43° SL - 15°+ 43° WW - wall grazing + wall grazing WA - wall grazing + asymmetrical ZW - asymmetrical, 11°+ wall grazing
988 lm (3000K, CRI 80) per beam	
837 lm (3000K, 15°, CRI 80) per beam	
2 high power density COB LEDs 2-step MacAdam, 50000h L95 B10 (Ta 25°C)	
body in die-cast aluminium screen in black-serigraphed, tempered, transparent extra-clear glass	
built in	
surface mounted (wall)	
none	
version compatible with Google Home or Amazon Echo available on request for voice command control	
see p. 773	



INTONO 3.9



CE kg 2.24 IP65 IK04

A A+ A++

9W 24Vdc

NT3900 00 00 9 E White
 NT3900 00 00 9 F Grey
 NT3900 00 00 9 H Anthracite
 NT3900 00 00 9 T Cor-ten
 NT3900 00 00 9 7 Primer

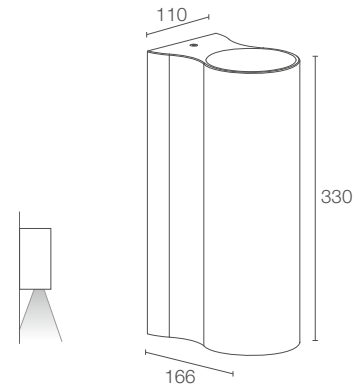
	0 - CRI 80 1 - CRI >90
	0 - not present 1 - present (not compatible with the asymmetrical, 11° asymmetrical and wall-grazing optics)
	F - 2700K 5 - 3000K 9 - 4000K
	Z - asymmetrical, 11° S - 15° M - 20° L - 43° W - wall grazing A - asymmetrical
988 lm (3000K, CRI 80)	
837 lm (3000K, 15°, CRI 80)	
1 high power density COB LED 2-step MacAdam, 50000h L95 B10 (Ta 25°C)	
body in die-cast aluminium screen in black-serigraphed, tempered, transparent extra-clear glass	
not included, see p. 847	
surface mounted (wall)	
WUNT39A00 Bluetooth 3.0 audio control kit with power supply unit and amplifier (for Alexa or Google voice-control systems); WUNT39A01 Wi-Fi control kit	
version compatible with Google Home or Amazon Echo available on request for voice command control	
see p. 773	



INTONO 4



INTONO 4.1



^
INTONO 4.9
 speaker:
 maximum power 3W
 nominal impedance Z 8 Ohm
 mean sound pressure level 86 dB (1W/1m)



POWER / POWER SUPPLY CODE

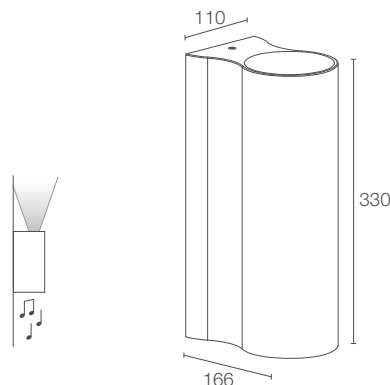
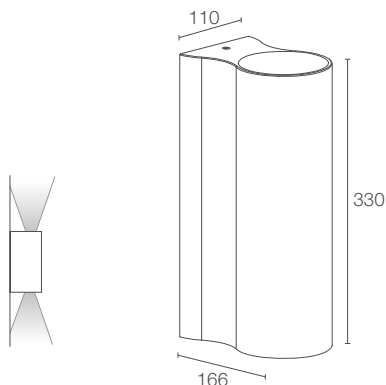
19W 230Vac
NT4110 0 0 0 E White
NT4110 0 0 0 F Grey
NT4110 0 0 0 H Anthracite
NT4110 0 0 0 T Cor-ten
NT4110 0 0 0 7 Primer

CRI	0 - CRI 80 1 - CRI >90
CONTROL SYSTEM	0 - on/off R - 1-10V DALI on request
HONEYCOMB LOUVRE	0 - not present 1 - present (not compatible with the asymmetrical, 28° asymmetrical and wall-grazing optics)
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	Z - asymmetrical, 28° S - 12° M - 23° L - 57° W - wall grazing A - asymmetrical
LUMEN OUTPUT AT SOURCE	1646 lm (3000K, CRI 80)
DELIVERED LUMEN OUTPUT	1386 lm (3000K, 12°, CRI 80)
NO. AND TYPE OF LED	1 high power density COB LED 2-step MacAdam, 50000h L95 B10 (Ta 25°C)
MATERIAL	body in die-cast aluminium screen in black-serigraphed, tempered, transparent extra-clear glass
POWER SUPPLY UNIT	built in
MOUNTING	surface mounted (wall)
ACCESSORIES	none
NOTES	version compatible with Google Home or Amazon Echo available on request for voice command control
PHOTOMETRIC DATA	see p. 773



INTONO 4.2

INTONO 4.9



CE kg 4.80 IP65 IK04

CE kg 4.84 IP65 IK04

A A+ A++

A A+ A++

38W 230Vac

17W 24Vdc

- NT4210 0 0 0 E White
- NT4210 0 0 0 F Grey
- NT4210 0 0 0 H Anthracite
- NT4210 0 0 0 T Cor-ten
- NT4210 0 0 0 7 Primer

- NT4900 00 0 0 9 E White
- NT4900 00 0 0 9 F Grey
- NT4900 00 0 0 9 H Anthracite
- NT4900 00 0 0 9 T Cor-ten
- NT4900 00 0 0 9 7 Primer

0	0 - CRI 80 1 - CRI >90
0	0 - on/off R - 1-10V DALI on request
0	0 - not present 1 - present (not compatible with the wall-grazing+wall-grazing, wall-grazing+asymmetrical, and asymmetrical 28°+57° versions)
0	F - 2700K 5 - 3000K 9 - 4000K
0	SS - 12°+ 12° MM - 23°+ 23° LL - 57°+ 57° SL - 12°+ 57° WW - wall grazing + wall grazing WA - wall grazing + asymmetrical ZL - asymmetrical, 28°+ 57°
1646 lm (3000K, CRI 80) per beam	
1386 lm (3000K, 12°, CRI 80) per beam	
2 high power density COB LEDs 2-step MacAdam, 50000h L95 B10 (Ta 25°C)	
body in die-cast aluminium screen in black-serigraphed, tempered, transparent extra-clear glass	
built in	
surface mounted (wall)	
none	
version compatible with Google Home or Amazon Echo available on request for voice command control	
see p. 773	

0	0 - CRI 80 1 - CRI >90
0	0 - not present 1 - present (not compatible with the asymmetrical, 28° asymmetrical and wall-grazing optics)
0	F - 2700K 5 - 3000K 9 - 4000K
0	Z - asymmetrical, 28° S - 12° M - 23° L - 57° W - wall grazing A - asymmetrical
1646 lm (3000K, CRI 80)	
1386 lm (3000K, 12°, CRI 80)	
1 high power density COB LED 2-step MacAdam, 50000h L95 B10 (Ta 25°C)	
body in die-cast aluminium screen in black-serigraphed, tempered, transparent extra-clear glass	
not included, see p. 847	
surface mounted (wall)	
WUNT39A00 Bluetooth 3.0 audio control kit with power supply unit and amplifier (for Alexa or Google voice-control systems); WUNT39A01 Wi-Fi control kit	
version compatible with Google Home or Amazon Echo available on request for voice command control	
see p. 773	



GEKO

OUTDOOR WALL MOUNTED
ARCHITECTURAL LIGHTING FOR WALLS AND FACADES



SINGLE BEAM



DOUBLE BEAM



2700K 3000K 4000K



diffuse



GEKO 5.0 p. 266
10W/16W 230Vac



GEKO 6.0 p. 267
16W/28W 230Vac



2700K 3000K 4000K 5000K



ultra-narrow



narrow



medium



wide



elliptical



asymmetrical



GEKO 5.1 p. 266
10W 230Vac



GEKO 6.1 p. 267
20W 230Vac

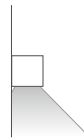
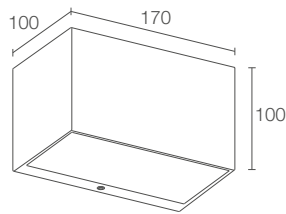
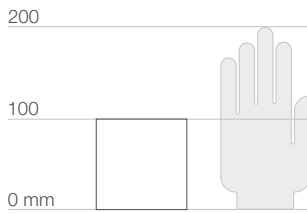
< **GEKO 5.1**
3000K, 10W, 30°, grey

Light planning by / Cristian Turra
Photo by / Alessio Tamborini
Private residence, Brescia, Italy

GEKO 5



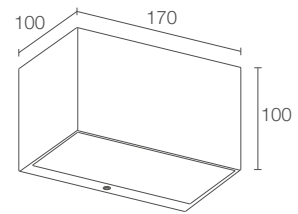
GEKO 5.0



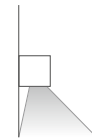
Diffuse



GEKO 5.1



Optics



Asymmetrical optics



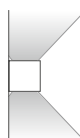
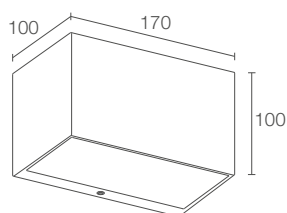
POWER / POWER SUPPLY CODE	<p>10W 230Vac GK5010 ■ D E White GK5010 ■ D F Grey GK5010 ■ D H Anthracite GK5010 ■ D T Cor-ten</p> <p>16W 230Vac GK5011 ■ D E White GK5011 ■ D F Grey GK5011 ■ D H Anthracite GK5011 ■ D T Cor-ten</p>
■ LED COLOUR	<p>F - 2700K 5 - 3000K 9 - 4000K</p>
■ OPTICS	diffuse
LUMEN OUTPUT AT SOURCE	713 lm (3000K, 10W) 1120 lm (3000K, 16W)
DELIVERED LUMEN OUTPUT	531 lm (3000K, 10W) 831 lm (3000K, 16W)
NO. AND TYPE OF LED	power LED matrix 3-step MacAdam, 50000h L80 B10 (Ta 25°C)
MATERIAL	body in die-cast aluminium screen in serigraphed, sandblasted, tempered extra-clear glass
POWER SUPPLY UNIT	built in
POWER CABLES	connection box with 0.30 m cable
MOUNTING	surface mounted (wall)
ACCESSORIES	see p. 268
PHOTOMETRIC DATA	see p. 764

POWER / POWER SUPPLY CODE	<p>10W 230Vac GK5110 ■ E White GK5110 ■ F Grey GK5110 ■ H Anthracite GK5110 ■ T Cor-ten</p>
■ LED COLOUR	<p>F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K</p>
■ OPTICS	<p>T - 7° S - 10° F - 30° K - 70° W - 10°x45° A - asymmetrical</p>
LUMEN OUTPUT AT SOURCE	727 lm (3000K)
DELIVERED LUMEN OUTPUT	535 lm (3000K, 30°)
NO. AND TYPE OF LED	5 power LEDs 1/4 ANSI BIN, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in die-cast aluminium screen in serigraphed, tempered, transparent extra-clear glass
POWER SUPPLY UNIT	built in
POWER CABLES	connection box with 0.30 m cable
MOUNTING	surface mounted (wall)
ACCESSORIES	see p. 268
PHOTOMETRIC DATA	see p. 764

GEKO 6



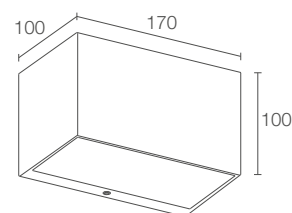
GEKO 6.0



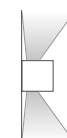
Diffuse



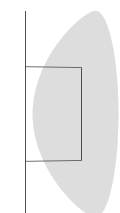
GEKO 6.1



Optics



Asymmetrical optics



10°x45° optics
(Geko 5.1 / 6.1)



Asymmetrical optics
(Geko 5.1 / 6.1)

POWER / POWER SUPPLY CODE

16W 230Vac
GK6010 ■ **D E** White
GK6010 ■ **D F** Grey
GK6010 ■ **D H** Anthracite
GK6010 ■ **D T** Cor-ten

28W 230Vac
GK6011 ■ **D E** White
GK6011 ■ **D F** Grey
GK6011 ■ **D H** Anthracite
GK6011 ■ **D T** Cor-ten

■ **LED COLOUR**

F - 2700K
5 - 3000K
9 - 4000K

■ **OPTICS**

diffuse

LUMEN OUTPUT AT SOURCE

713 lm (3000K, 16W) per beam
 1120 lm (3000K, 28W) per beam

DELIVERED LUMEN OUTPUT

531 lm (3000K, 16W) per beam
 831 lm (3000K, 28W) per beam

NO. AND TYPE OF LED

power LED matrix
 3-step MacAdam, 50000h L80 B10 (Ta 25°C)

MATERIAL

body in die-cast aluminium
 screen in serigraphed, sandblasted,
 tempered extra-clear glass

POWER SUPPLY UNIT

built in

POWER CABLES

connection box with 0.30 m cable

MOUNTING

surface mounted (wall)

ACCESSORIES

see p. 268

PHOTOMETRIC DATA

see p. 764

20W 230Vac

GK6110 ■ **E** White
GK6110 ■ **F** Grey
GK6110 ■ **H** Anthracite
GK6110 ■ **T** Cor-ten

■ **F** - 2700K
5 - 3000K
9 - 4000K
0 - 5000K

■ **T** - 7°
S - 10°
F - 30°
K - 70°
W - 10°x45°
A - asymmetrical

727 lm (3000K) per beam

535 lm (3000K, 30°) per beam

10 power LEDs
 1/4 ANSI BIN, 50000h L90 B10 (Ta 25°C)

body in die-cast aluminium
 screen in serigraphed, tempered,
 transparent extra-clear glass

built in

connection box with 0.30 m cable

surface mounted (wall)

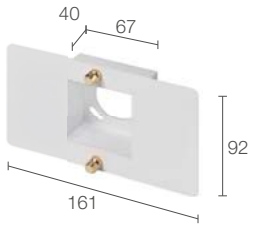
see p. 268

see p. 764

GEKO

ACCESSORIES

ACCESSORIES FOR INSTALLATION



WD0300E - White
WD0300F - Grey
WD0300H - Anthracite
WD0300T - Cor-ten
Spacer
RAL finish available on request

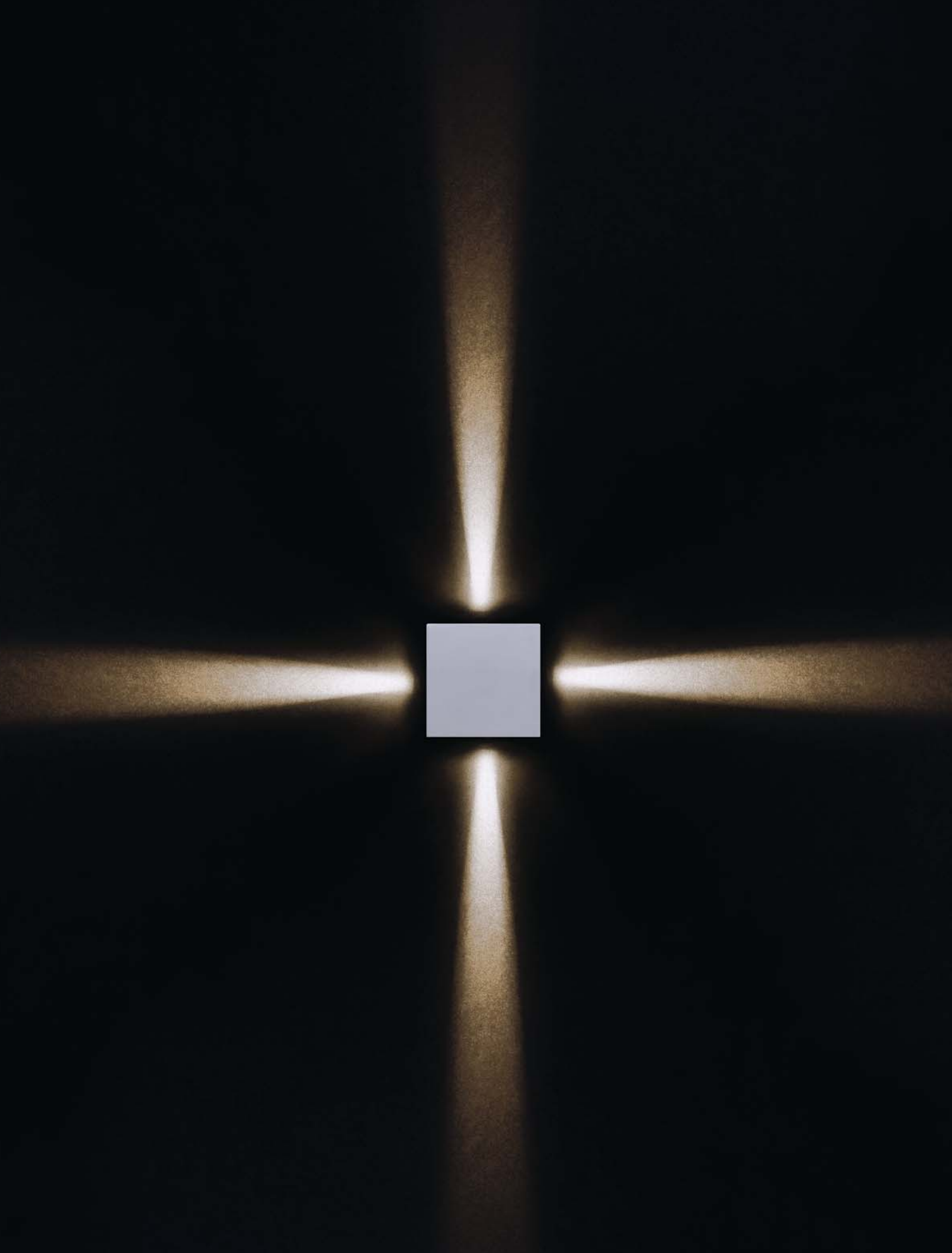
GEKO 6.1 >
2700K, 20W, 10°, white
Light planning by / LuceDomotica
Hilton Garden Inn, Bucharest, Romania

∨
GEKO 5.1
with asymmetrical optics

∨
GEKO 5.1
with 70° optics







KOCCA

OUTDOOR WALL MOUNTED
WITH DIFFERENT BEAMS FOR ARCHITECTURAL LIGHTING FOR WALLS AND FACADES

2700K 3000K 4000K

HEIGHT 100 mm

HEIGHT 150 mm



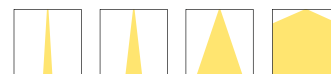
KOCCA 1.1 p. 272
4W/8.5W 230Vac



diffuse asymmetrical



KOCCA 3.1 p. 274
12W/18W 230Vac



ultra-narrow narrow medium diffuse



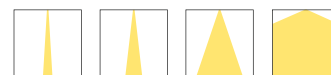
KOCCA 1.2 p. 272
7W/15W 230Vac



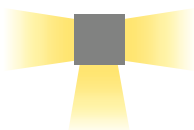
diffuse asymmetrical



KOCCA 3.2 p. 275
15W/21W/36W 230Vac



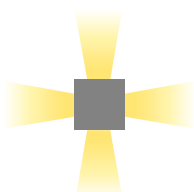
ultra-narrow narrow medium diffuse



KOCCA 1.3 p. 273
10W 230Vac



asymmetrical



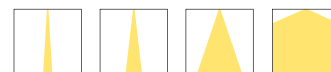
KOCCA 1.4 p. 273
13W 230Vac



asymmetrical



KOCCA 3.4 p. 275
30W/40W 230Vac



ultra-narrow narrow medium diffuse

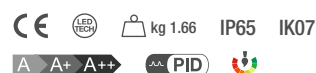
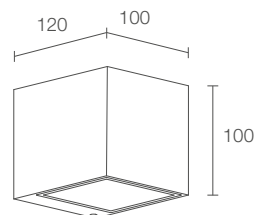
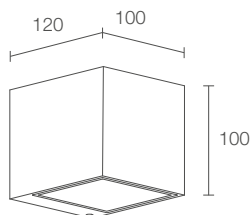
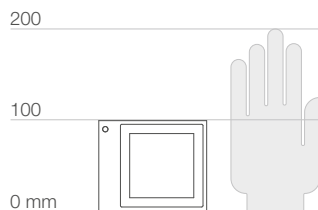
KOCCA 1



KOCCA 1.1



KOCCA 1.2

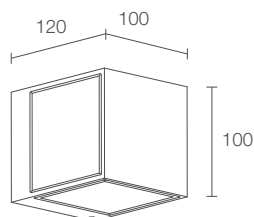


POWER / POWER SUPPLY CODE	<p>4W 230Vac optics version KA1110 ■ E White KA1110 ■ F Grey KA1110 ■ H Anthracite KA1110 ■ T Cor-ten</p> <p>8.5W 230Vac optics version KA1111 ■ E White KA1111 ■ F Grey KA1111 ■ H Anthracite KA1111 ■ T Cor-ten</p> <p>8.5W 230Vac diffuse KA1111 ■ DE White KA1111 ■ DF Grey KA1111 ■ DH Anthracite KA1111 ■ DT Cor-ten</p>
LED COLOUR	<p>F - 2700K 5 - 3000K 9 - 4000K</p>
OPTICS	<p>W - asymmetrical, 10° K - asymmetrical, 70° A - asymmetrical, 140°</p>
LUMEN OUTPUT AT SOURCE	<p>184 lm (3000K, 4W) 657 lm (3000K, 8.5W)</p>
DELIVERED LUMEN OUTPUT	<p>119 lm (3000K, 70° asymmetrical, 4W) 382 lm (3000K, 70° asymmetrical, 8.5W) 478 lm (3000K, diffuse optics)</p>
NO. AND TYPE OF LED	<p>1 power LED, 1/4 ANSI BIN (4W version) 1 high-intensity power LED 3-step MacAdam (8.5W version) 50000h L90 B10 (Ta 25°C)</p>
MATERIAL	<p>body in die-cast aluminium screen in serigraphed, tempered, transparent extra-clear glass (optics version) screen in serigraphed, tempered extra-clear glass and opal PMMA (diffuse version)</p>
POWER SUPPLY UNIT	<p>built in</p>
POWER CABLES	<p>connection box with 0.50 m cable H05RN-F 2x0.75 Ø6.3 mm</p>
MOUNTING	<p>surface mounted (wall)</p>
PHOTOMETRIC DATA	<p>see p. 775</p>

POWER / POWER SUPPLY CODE	<p>7W 230Vac optics version KA1210 ■ E White KA1210 ■ F Grey KA1210 ■ H Anthracite KA1210 ■ T Cor-ten</p> <p>15W 230Vac optics version KA1211 ■ E White KA1211 ■ F Grey KA1211 ■ H Anthracite KA1211 ■ T Cor-ten</p> <p>15W 230Vac diffuse KA1211 ■ DE White KA1211 ■ DF Grey KA1211 ■ DH Anthracite KA1211 ■ DT Cor-ten</p>
LED COLOUR	<p>F - 2700K 5 - 3000K 9 - 4000K</p>
OPTICS	<p>W - asymmetrical, 10° K - asymmetrical, 70° A - asymmetrical, 140°</p>
LUMEN OUTPUT AT SOURCE	<p>184 lm (3000K, 7W) per beam 657 lm (3000K, 15W) per beam</p>
DELIVERED LUMEN OUTPUT	<p>119 lm (3000K, 70° asymmetrical, 7W) per beam 382 lm (3000K, 70° asymmetrical, 15W) per beam 478 lm (3000K, diffuse optics) per beam</p>
NO. AND TYPE OF LED	<p>2 power LEDs, 1/4 ANSI BIN (7W version) 2 high-intensity power LEDs 3-step MacAdam (15W version) 50000h L90 B10 (Ta 25°C)</p>
MATERIAL	<p>body in die-cast aluminium screen in serigraphed, tempered, transparent extra-clear glass (optics version) screen in serigraphed, tempered extra-clear glass and opal PMMA (diffuse version)</p>
POWER SUPPLY UNIT	<p>built in</p>
POWER CABLES	<p>connection box with 0.50 m cable H05RN-F 2x0.75 Ø6.3 mm</p>
MOUNTING	<p>surface mounted (wall)</p>
PHOTOMETRIC DATA	<p>see p. 775</p>



KOCCA 1.3



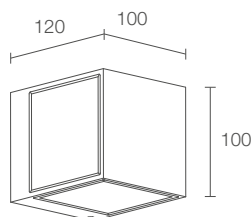
CE kg 1.35 IP65 IK07

A A+ A++

10W 230Vac optics version
KA1310 **E** White
KA1310 **F** Grey
KA1310 **H** Anthracite
KA1310 **T** Cor-ten



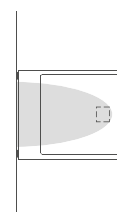
KOCCA 1.4



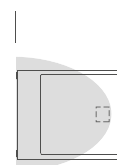
CE kg 1.50 IP65 IK07

A A+ A++

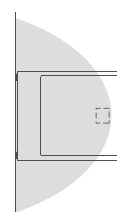
13W 230Vac optics version
KA1410 **E** White
KA1410 **F** Grey
KA1410 **H** Anthracite
KA1410 **T** Cor-ten



10° asymmetrical optics



70° asymmetrical optics



140° asymmetrical optics

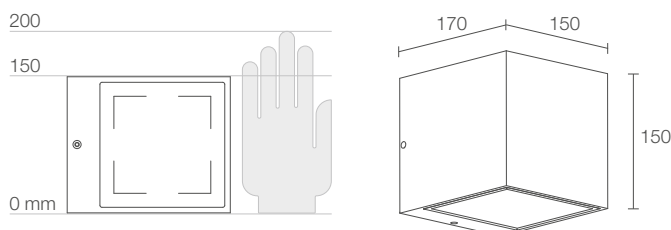
	F - 2700K 5 - 3000K 9 - 4000K
	W - asymmetrical, 10° K - asymmetrical, 70° A - asymmetrical, 140°
184 lm (3000K) per beam	
119 lm (3000K, 70° asymmetrical) per beam	
3 power LEDs 1/4 ANSI BIN, 50000h L90 B10 (Ta 25°C)	
body in die-cast aluminium screen in serigraphed, tempered, transparent extra-clear glass	
built in	
connection box with 0.50 m cable H05RN-F 2x0.75 Ø6.3 mm	
surface mounted (wall)	
see p. 775	

	F - 2700K 5 - 3000K 9 - 4000K
	W - asymmetrical, 10° K - asymmetrical, 70° A - asymmetrical, 140°
184 lm (3000K) per beam	
119 lm (3000K, 70° asymmetrical) per beam	
4 power LEDs 1/4 ANSI BIN, 50000h L90 B10 (Ta 25°C)	
body in die-cast aluminium screen in serigraphed, tempered, transparent extra-clear glass	
built in	
connection box with 0.50 m cable H05RN-F 2x0.75 Ø6.3 mm	
surface mounted (wall)	
see p. 775	

KOCCA 3



KOCCA 3.1



CE LED kg 3.85 IP65 IK06
 A A+ A++ PID



✓
KOCCA 3.1
 3000K, 18W, 7°, anthracite
TAK 1.1
 3000K, 18W, 70°, anthracite

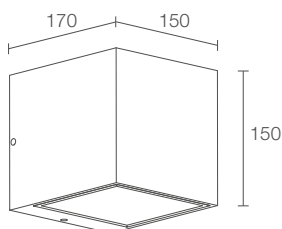
Project by / Amatori Architettura d'Interni
 Light planning by / Litek
 Listrop Viaggi & Turismo, Rosà, Vicenza, Italy

POWER / POWER SUPPLY CODE	12W 230Vac diffuse
	KA3110 ■ D E White KA3110 ■ D F Grey KA3110 ■ D H Anthracite KA3110 ■ D T Cor-ten
	12W 230Vac optics version
	KA3110 ■ E White KA3110 ■ F Grey KA3110 ■ H Anthracite KA3110 ■ T Cor-ten
	18W 230Vac optics version
	KA3111 ■ E White KA3111 ■ F Grey KA3111 ■ H Anthracite KA3111 ■ T Cor-ten

LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	T - 7° S - 10° F - 30°
LUMEN OUTPUT AT SOURCE	727 lm (3000K, optics version, 12W) 1308 lm (3000K, optics version, 18W) 625 lm (3000K, diffuse version)
DELIVERED LUMEN OUTPUT	631 lm (3000K, 30°, 12W) 1137 lm (3000K, 30°, 18W) 441 lm (3000K, diffuse optics)
NO. AND TYPE OF LED	5, 9 power LEDs (optics version) power LED matrix (diffuse version) 1/4 ANSIBIN, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in die-cast aluminium screen in serigraphed, tempered, transparent extra-clear glass (optics version) screen in serigraphed, sandblasted, tempered extra-clear glass (diffuse version)
POWER SUPPLY UNIT	built in
POWER CABLES	connection box with 0.50 m cable H05RN-F 2x0.75 Ø6.3 mm
MOUNTING	surface mounted (wall)
ACCESSORIES	see p. 276
NOTES	DALI and 1-10V versions available on request
PHOTOMETRIC DATA	see p. 775



KOCCA 3.2



CE LED kg 4.05 IP65 IK06

A A+ A++ PID

15W 230Vac diffuse
KA3210 ■ **D E** White
KA3210 ■ **D F** Grey
KA3210 ■ **D H** Anthracite
KA3210 ■ **D T** Cor-ten

21W 230Vac optics version
KA3210 ■ **E** White
KA3210 ■ **F** Grey
KA3210 ■ **H** Anthracite
KA3210 ■ **T** Cor-ten

36W 230Vac optics version
KA3211 ■ **E** White
KA3211 ■ **F** Grey
KA3211 ■ **H** Anthracite
KA3211 ■ **T** Cor-ten

■	F - 2700K 5 - 3000K 9 - 4000K
■	T - 7° S - 10° F - 30°

727 lm (3000K, optics version, 21W) per beam
 1308 lm (3000K, optics version, 36W) per beam
 625 lm (3000K, diffuse version) per beam

631 lm (3000K, 30°, 21W) per beam
 1137 lm (3000K, 30°, 36W) per beam
 441 lm (3000K, diffuse optics) per beam

10, 18 power LEDs (optics version)
 power LED matrix (diffuse version)
 1/4 ANSI BIN, 50000h L90 B10 (Ta 25°C)

body in die-cast aluminium
 screen in serigraphed, tempered, transparent
 extra-clear glass (optics version)
 screen in serigraphed, sandblasted, tempered
 extra-clear glass (diffuse version)

built in

connection box with 0.50 m cable
 H05RN-F 2x0.75 Ø6.3 mm

surface mounted (wall)

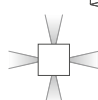
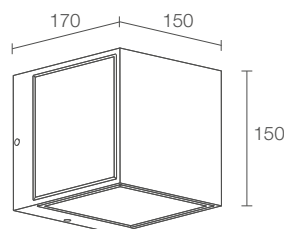
see p. 276

DALI and 1-10V versions available on request

see p. 775



KOCCA 3.4



CE LED kg 4.45 IP65 IK06

A A+ A++ PID

30W 230Vac diffuse
 40W 230Vac optics version
KA3410 ■ **E** White
KA3410 ■ **F** Grey
KA3410 ■ **H** Anthracite
KA3410 ■ **T** Cor-ten

■	F - 2700K 5 - 3000K 9 - 4000K
■	T - 7° S - 10° F - 30° D - diffuse

727 lm (3000K, optics version) per beam
 625 lm (3000K, diffuse version) per beam

631 lm (3000K, 30°) per beam
 441 lm (3000K, diffuse optics) per beam

20 power LEDs (optics version)
 power LED matrix (diffuse version)
 1/4 ANSI BIN, 50000h L90 B10 (Ta 25°C)

body in die-cast aluminium
 screen in serigraphed, tempered, transparent
 extra-clear glass (optics version)
 screen in serigraphed, sandblasted, tempered
 extra-clear glass (diffuse version)

built in

connection box with 0.50 m cable
 H05RN-F 2x0.75 Ø6.3 mm

surface mounted (wall)

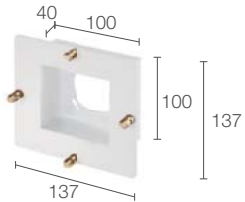
see p. 276

see p. 775

KOCCA

ACCESSORIES

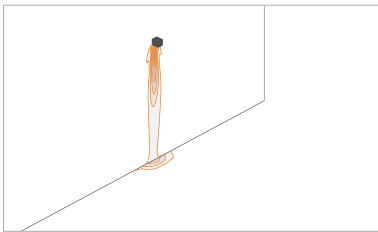
ACCESSORIES FOR INSTALLATION



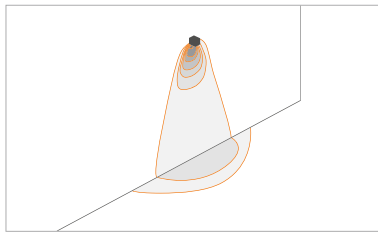
- WD0400E** - White
 - WD0400F** - Grey
 - WD0400H** - Anthracite
 - WD0400T** - Cor-ten
- Spacer
RAL finish available on request
(Kocca 3)

KOCCA 1: INSTALLATION AT A HEIGHT OF 2 METRES

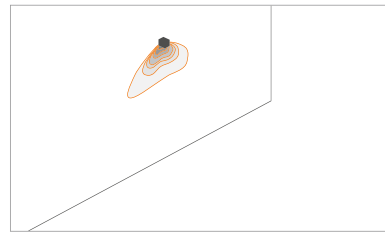
4W - asymmetrical, 10°



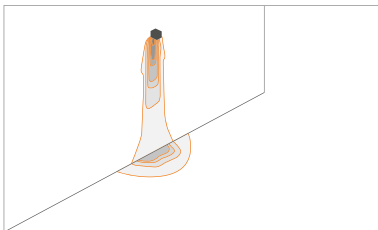
4W - asymmetrical, 70°



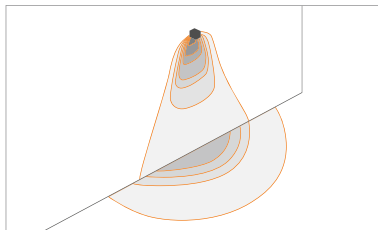
4W - asymmetrical, 140°



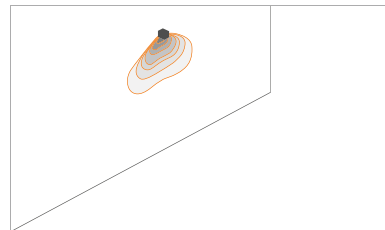
8.5W - asymmetrical, 10°



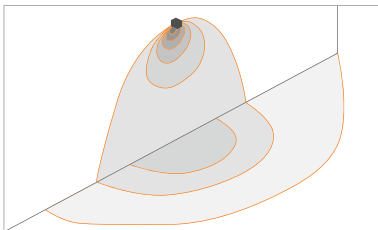
8.5W - asymmetrical, 70°

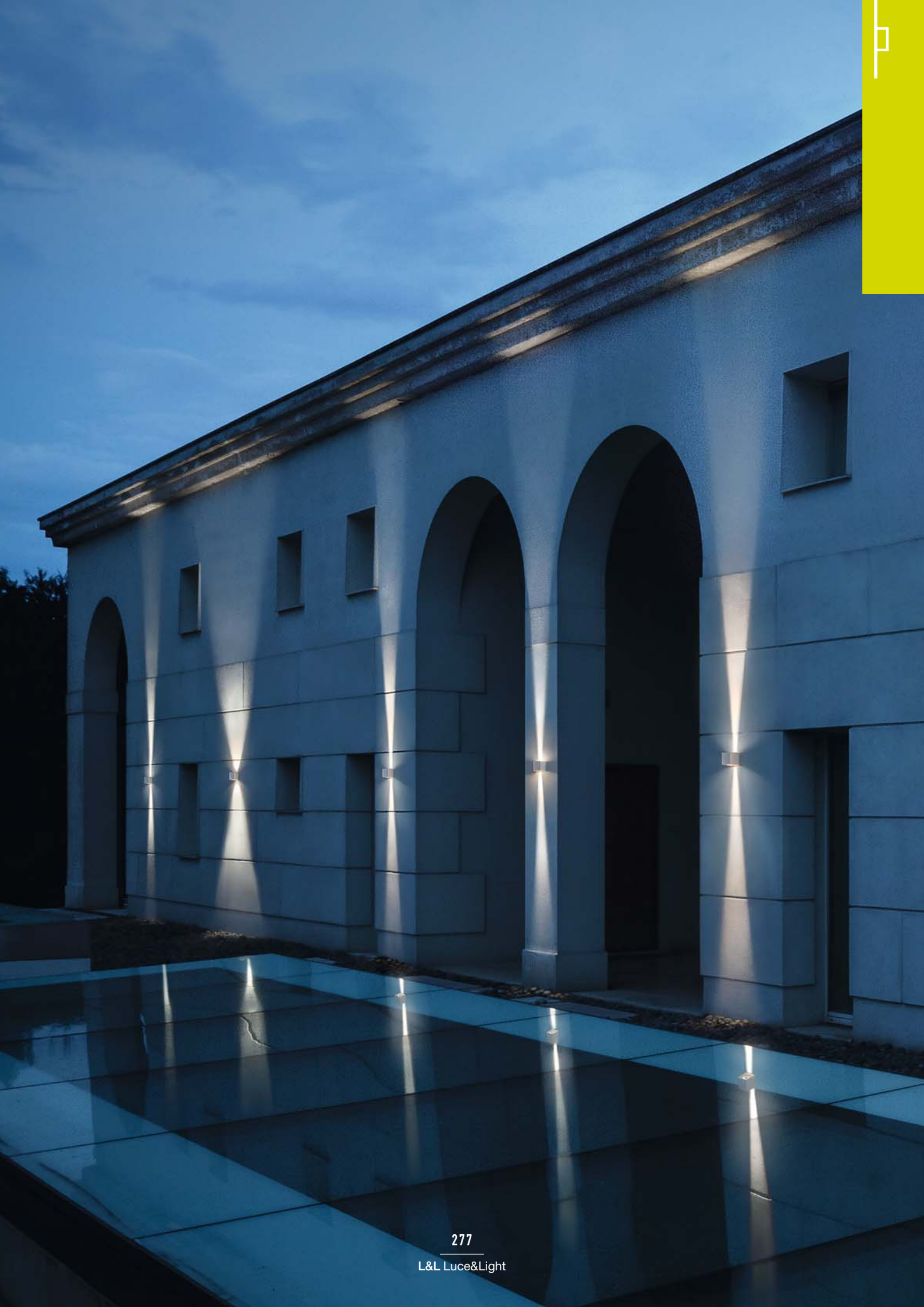


8.5W - asymmetrical, 140°



8.5W - diffuse







ELLA OUT

OUTDOOR WALL MOUNTED
SINGLE BEAM, DIFFUSE LIGHT



diffuse



2700K 3000K 4000K

OUTDOOR

INDOOR

WALL MOUNTED



ELLA OUT 1.0 p. 280
7W 230Vac
493 lm (3000K)



ELLA OUT 2.0 p. 281
13W 230Vac
985 lm (3000K)



ELLA OUT 3.0 p. 281
19W 230Vac
1478 lm (3000K)

ELLA IN p. 594

CEILING MOUNTED

ELLO OUT p. 306

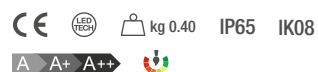
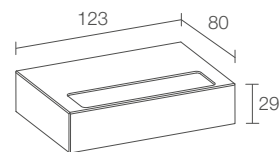
ELLO IN p. 620

ELLA OUT

∨
ELLA OUT 1.0
without spacer



ELLA OUT 1.0

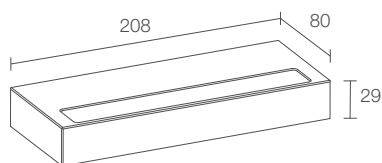


^
ELLA OUT 1.0
with spacer (15° inclination)

POWER / POWER SUPPLY CODE	7W 230Vac EA1010 DET White EA1010 DFT Grey EA1010 DHT Anthracite EA1010 DTT Cor-ten
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	diffuse
LUMEN OUTPUT AT SOURCE	954 lm (3000K)
DELIVERED LUMEN OUTPUT	493 lm (3000K)
NO. AND TYPE OF LED	18 mid-power LEDs 3-step MacAdam, 50000h L80 B10 (Ta 25°C)
MATERIAL	body in aluminium screen in serigraphed extra-clear microprismatic glass
POWER SUPPLY UNIT	built in
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 3x1.00 Ø7.0 mm
MOUNTING	surface mounted (wall)
ACCESSORIES	see p. 282
NOTES	indoor version: Ella IN 1.0, p. 596 ceiling-mounted version: Ello OUT 1.0, p. 308
PHOTOMETRIC DATA	see p. 758



ELLA OUT 2.0

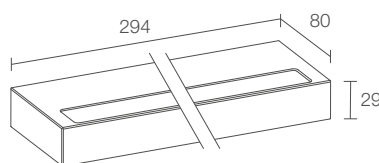


13W 230Vac
EA2010 **D E T** White
EA2010 **D F T** Grey
EA2010 **D H T** Anthracite
EA2010 **D T T** Cor-ten

<p>F - 2700K 5 - 3000K 9 - 4000K</p>
diffuse
1908 lm (3000K)
985 lm (3000K)
36 mid-power LEDs 3-step MacAdam, 50000h L80 B10 (Ta 25°C)
body in aluminium screen in serigraphed extra-clear microprismatic glass
built in
includes 1.5 m neoprene cable H05RN-F 3x1.00 Ø7.0 mm
surface mounted (wall)
see p. 282
indoor version: Ella IN 2.0, p. 597 ceiling-mounted version: Ello OUT 2.0, p. 309
see p. 758



ELLA OUT 3.0



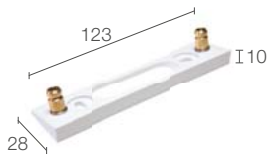
19W 230Vac
EA3010 **D E T** White
EA3010 **D F T** Grey
EA3010 **D H T** Anthracite
EA3010 **D T T** Cor-ten

<p>F - 2700K 5 - 3000K 9 - 4000K</p>
diffuse
2862 lm (3000K)
1478 lm (3000K)
54 mid-power LEDs 3-step MacAdam, 50000h L80 B10 (Ta 25°C)
body in aluminium screen in serigraphed extra-clear microprismatic glass
built in
includes 1.5 m neoprene cable H05RN-F 3x1.00 Ø7.0 mm
surface mounted (wall)
see p. 282
indoor version: Ella IN 3.0, p. 597 ceiling-mounted version: Ello OUT 3.0, p. 309
see p. 758

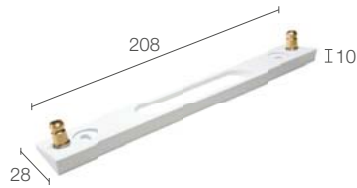
ELLA OUT

ACCESSORIES

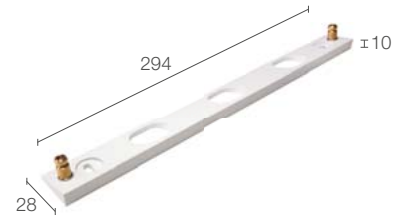
ACCESSORIES FOR INSTALLATION



WD0651E - White
WD0651F - Grey
WD0651H - Anthracite
WD0651T - Cor-ten
Spacer for 15° inclination
RAL finish available on request
(Ella OUT 1.0)



WD0652E - White
WD0652F - Grey
WD0652H - Anthracite
WD0652T - Cor-ten
Spacer for 15° inclination
RAL finish available on request
(Ella OUT 2.0)



WD0653E - White
WD0653F - Grey
WD0653H - Anthracite
WD0653T - Cor-ten
Spacer for 15° inclination
RAL finish available on request
(Ella OUT 3.0)

STANDARD FINISHES



White



Grey



Anthracite



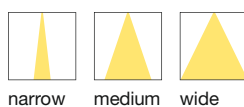
Cor-ten





UPDOWN

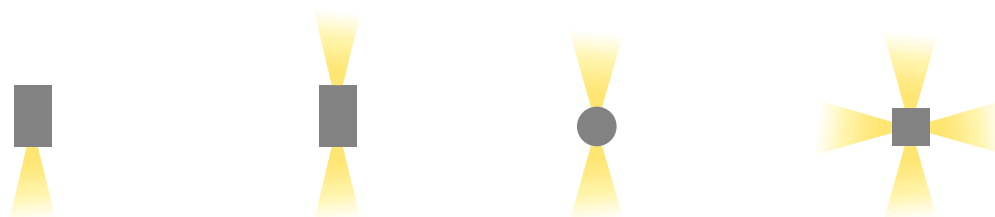
OUTDOOR WALL MOUNTED
WITH DIFFERENT BEAMS, AND WHITE AND RGB LIGHT



narrow medium wide



2700K 3000K 4000K blue



SINGLE BEAM

DOUBLE BEAM

DOUBLE BEAM

2 / 3 / 4 BEAMS

CONSTANT CURRENT



UPDOWN 3.0 p. 286
max 6W max 500mA
RGB: max 3W max 350mA



UPDOWN 4.0 p. 287
max 6W max 350mA
RGB



UPDOWN 6.0 p. 288
max 4W max 500mA



UPDOWN 7.0 p. 289
max 4W/6W/8W max 500mA

CONSTANT VOLTAGE

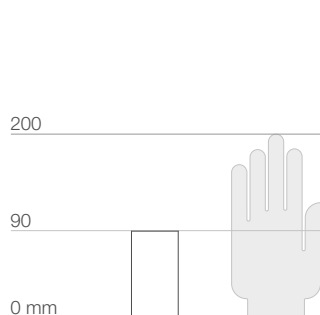


UPDOWN 3.6 p. 286
6W 24Vdc

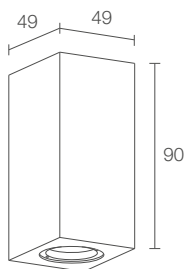


UPDOWN 4.6 p. 287
6W 24Vdc

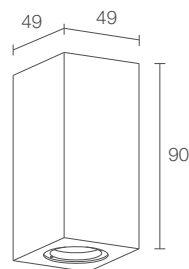
UPDOWN 3



UPDOWN 3.0



UPDOWN 3.6



POWER / POWER SUPPLY CODE

max 6W max 500mA blue/white light

UD3032 ■ ■ E White
UD3032 ■ ■ A Anodized grey
UD3032 ■ ■ H Anthracite
UD3032 ■ ■ T Cor-ten

max 3W max 350mA RGB light

UD3031 6 ■ ■ E White
UD3031 6 ■ ■ A Anodized grey
UD3031 6 ■ ■ H Anthracite
UD3031 6 ■ ■ T Cor-ten

6W 24Vdc

UD3600 ■ ■ E White
UD3600 ■ ■ A Anodized grey
UD3600 ■ ■ H Anthracite
UD3600 ■ ■ T Cor-ten

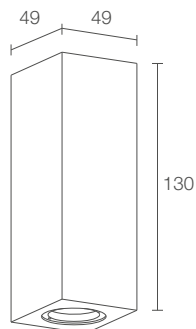
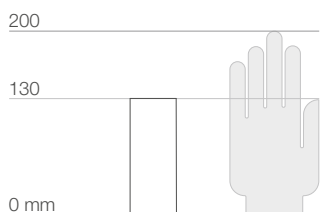
■ LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 1 - blue
■ OPTICS	S - 15° M - 22° L - 54°
LUMEN OUTPUT AT SOURCE	436 lm (3000K, 500mA) RGB: 160 lm, R: 59 lm G: 76 lm B: 25 lm (350mA)
DELIVERED LUMEN OUTPUT	239 lm (3000K, 500mA, 22°) RGB: 114 lm, R: 42 lm G: 54 lm B: 18 lm (350mA, 22°)
NO. AND TYPE OF LED	3 power LEDs 1/4 ANSI BIN (white LED colour) 50000h L90 B10 (Ta 25°C)
MATERIAL	body in anodized aluminium screen in transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 291 and 844
POWER CABLES	includes 0.30 m PVC cable FROR 2x0.35 Ø3.5 mm
WIRING	series
MOUNTING	surface mounted (wall)
ACCESSORIES	see p. 290
PHOTOMETRIC DATA	see p. 834

■ LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 1 - blue
■ OPTICS	S - 15° M - 22° L - 54°
LUMEN OUTPUT AT SOURCE	436 lm (3000K)
DELIVERED LUMEN OUTPUT	239 lm (3000K, 22°)
NO. AND TYPE OF LED	3 power LEDs 1/4 ANSI BIN (white LED colour) 50000h L90 B10 (Ta 25°C)
MATERIAL	body in anodized aluminium screen in transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 291
POWER CABLES	includes 0.30 m PVC cable FROR 2x0.35 Ø3.5 mm
WIRING	parallel
MOUNTING	surface mounted (wall)
ACCESSORIES	see p. 290
PHOTOMETRIC DATA	see p. 834

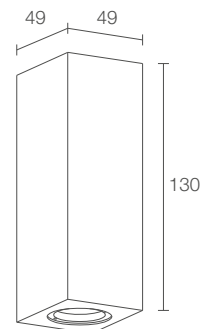
UPDOWN 4



UPDOWN 4.0



UPDOWN 4.6



POWER / POWER SUPPLY CODE

max 6W max 350mA	
UD4061	White
UD4061	Anodized grey
UD4061	Anthracite
UD4061	Cor-ten

6W 24Vdc	
UD4600	White
UD4600	Anodized grey
UD4600	Anthracite
UD4600	Cor-ten

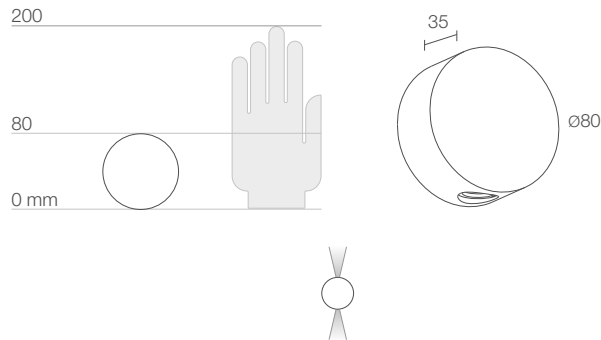
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 1 - blue 6 - RGB
OPTICS	UP optics: S - 15° M - 22° L - 54° DOWN optics: S - 15° M - 22° L - 54°
LUMEN OUTPUT AT SOURCE	236 lm (3000K, 350mA) per beam RGB: 160 lm, R: 59 lm G: 76 lm B: 25 lm (350mA) per beam
DELIVERED LUMEN OUTPUT	182 lm (3000K, 350mA, 22°) per beam RGB: 114 lm, R: 42 lm G: 54 lm B: 18 lm (350mA, 22°) per beam
NO. AND TYPE OF LED	6 power LEDs 1/4 ANSI BIN (white LED colour) 50000h L90 B10 (Ta 25°C)
MATERIAL	body in anodized aluminium screen in transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 291 and 844
POWER CABLES	includes 0.30 m PVC cable FROR 2x0.35 Ø3.5 mm
WIRING	series
MOUNTING	surface mounted (wall)
ACCESSORIES	see p. 290
PHOTOMETRIC DATA	see p. 834

LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 1 - blue
OPTICS	UP optics: S - 15° M - 22° L - 54° DOWN optics: S - 15° M - 22° L - 54°
LUMEN OUTPUT AT SOURCE	236 lm (3000K) per beam
DELIVERED LUMEN OUTPUT	182 lm (3000K, 22°) per beam
NO. AND TYPE OF LED	6 power LEDs 1/4 ANSI BIN (white LED colour) 50000h L90 B10 (Ta 25°C)
MATERIAL	body in anodized aluminium screen in transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 291
POWER CABLES	includes 0.30 m PVC cable FROR 2x0.35 Ø3.5 mm
WIRING	parallel
MOUNTING	surface mounted (wall)
ACCESSORIES	see p. 290
PHOTOMETRIC DATA	see p. 834

UPDOWN 6



UPDOWN 6.0

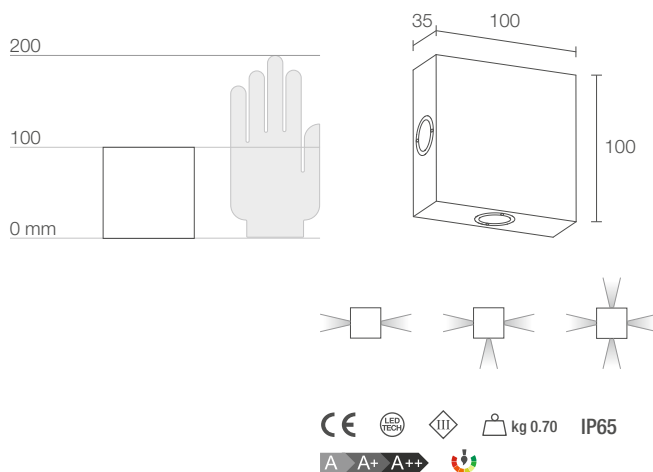


POWER / POWER SUPPLY CODE	max 4W max 500mA UD6022 ■ ■ ■ E White UD6022 ■ ■ ■ A Anodized grey UD6022 ■ ■ ■ H Anthracite UD6022 ■ ■ ■ T Cor-ten
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 1 - blue
OPTICS	UP optics: DOWN optics: S - 10° S - 10° M - 20° M - 20° L - 40° L - 40°
LUMEN OUTPUT AT SOURCE	145 lm (3000K, 500mA) per beam
DELIVERED LUMEN OUTPUT	103 lm (3000K, 500mA, 20°) per beam
NO. AND TYPE OF LED	2 power LEDs 1/4 ANSI BIN (white LED colour) 50000h L90 B10 (Ta 25°C)
MATERIAL	body in anodized aluminium screen in tempered, transparent glass
POWER SUPPLY UNIT	not included, see p. 291 and 844
POWER CABLES	includes 0.30 m PVC cable FROR 2x0.35 Ø3.5 mm
WIRING	series
MOUNTING	surface mounted (wall)
PHOTOMETRIC DATA	see p. 834

UPDOWN 7



UPDOWN 7.0

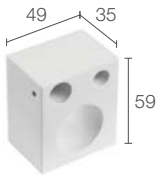


POWER / POWER SUPPLY CODE	max 4W max 500mA double beam	
	UD7022 ■ ■ ■ E White	
	UD7022 ■ ■ ■ A Anodized grey	
	UD7022 ■ ■ ■ H Anthracite	
	max 6W max 500mA 3 beams	
	UD7032 ■ ■ ■ E White	
	UD7032 ■ ■ ■ A Anodized grey	
	UD7032 ■ ■ ■ H Anthracite	
	max 8W max 500mA 4 beams	
	UD7042 ■ ■ ■ E White	
	UD7042 ■ ■ ■ A Anodized grey	
	UD7042 ■ ■ ■ H Anthracite	
	UD7042 ■ ■ ■ T Cor-ten	
	LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 1 - blue
	OPTICS	S - 10° M - 20° L - 40°
	LUMEN OUTPUT AT SOURCE	145 lm (3000K, 500mA) per beam
DELIVERED LUMEN OUTPUT	103 lm (3000K, 500mA, 20°) per beam	
NO. AND TYPE OF LED	2, 3, 4 power LEDs, 1/4 ANSI BIN (white LED colour) 50000h L90 B10 (Ta 25°C)	
MATERIAL	body in anodized aluminium screen in tempered, transparent glass	
POWER SUPPLY UNIT	not included, see p. 291 and 844	
POWER CABLES	includes 0.30 m PVC cable FROR 2x0.35 Ø3.5 mm	
WIRING	series	
MOUNTING	surface mounted (wall)	
PHOTOMETRIC DATA	see p. 834	

UPDOWN

ACCESSORIES AND POWER SUPPLY UNITS

ACCESSORIES FOR INSTALLATION



WD0103 - White

WD0100 - Anodized grey

WD0104 - Anthracite

WD0102 - Cor-ten

Spacer

RAL finish available on request

(Updown 3 / 4)

∨

UPDOWN 3.0

4000K, 6W, 22°, anodized grey



POWER SUPPLY UNITS Updown 3.0

350mA

Max no. fixtures	PSU	IP	Page
1	A13350VL	20	845
1/3	A19350QL	20	845
1/4	ADUNITC	20	848 849 850
1/5	ACUNI020T1	20	844 845
2/4	A312350QL	20	845
1/2	A16350IP67	67	845
2/4	A312350IP67	67	845
-	RGB controller	-	855 - 860

500mA

Max no. fixtures	PSU	IP	Page
1	A13500TC	20	845
1	A14500IP67	20	845
1/3	ACUNI020T1	20	844 845
2/3	A310500QL	20	845
2/3	A310500IP67	67	845

POWER SUPPLY UNITS Updown 4.0

350mA

Max no. fixtures	PSU	IP	Page
1/2	A312350QL	20	845
1/2	ACUNI020T1	20	844 845
1/2 dimmer	ADUNITC	20	848 849 850
1	A16350IP67	67	845
1/2	A312350IP67	67	845
-	RGB controller	-	855 - 860

POWER SUPPLY UNITS Updown 6.0 / 7.0

350mA 2 LEDs

Max no. fixtures	PSU	IP	Page
1	A13350VL	20	845
1/6	ADUNITC	20	848 849 850
1/7	ACUNI020T1	20	844 845
3/4	A19350QL	20	845
3/6	A312350QL	20	845
1/3	A16350IP67	67	845
3/6	A312350IP67	67	845

500mA 2 LEDs

Max no. fixtures	PSU	IP	Page
1	A13500TC	20	845
1/2	A15500QL	20	845
1/5	ACUNI020T1	20	844 845
3/5	A310500QL	20	845
1/6 dimmer	ADUNITC	20	848 849 850
1/2	A14500IP67	67	845
3/5	A310500IP67	67	845

350mA 3 LEDs

Max no. fixtures	PSU	IP	Page
1	A13350VL	20	845
1/3	A19350QL	20	845
1/5	ACUNI020T1	20	844 845
2/4	A312350QL	20	845
1/4 dimmer	ADUNITC	20	848 849 850
1/2	A16350IP67	67	845
2/4	A312350IP67	67	845

500mA 3 LEDs

Max no. fixtures	PSU	IP	Page
1	A13500TC	20	845
1/3	ACUNI020T1	20	844 845
2/3	A310500QL	20	845
1/4 dimmer	ADUNITC	20	848 849 850
1	A14500IP67	67	845
2/3	A310500IP67	67	845

350mA 4 LEDs

Max no. fixtures	PSU	IP	Page
1/2	A19350QL	20	845
1/3	ACUNI020T1	20	844 845
2/3	A312350QL	20	845
1/3 dimmer	ADUNITC	20	848 849 850
1	A16350IP67	67	845
2/3	A312350IP67	67	845

500mA 4 LEDs

Max no. fixtures	PSU	IP	Page
1	A15500QL	20	845
1/2	ACUNI020T1	20	844 845
2	A310500QL	20	845
1/3 dimmer	ADUNITC	20	848 849 850
1	A14500IP67	67	845
2	A310500IP67	67	845

POWER SUPPLY UNITS Updown 3.6 / 4.6

Max no. fixtures	PSU	IP	Page
1...n	24Vdc	20	847
1...n	24Vdc	67	847



BROM

OUTDOOR WALL MOUNTED
WITH SINGLE- OR DOUBLE-BEAM OPTICS



2700K 3000K 4000K 5000K blue



SINGLE BEAM



DOUBLE BEAM

88 lm (3000K, 500mA, 20°)
PER BEAM



narrow medium wide elliptical



BROM 1.0 p. 294
max 2W max 500mA



BROM 2.0 p. 294
max 4W max 500mA

251 lm (3000K, 500mA, 20°)
PER BEAM



narrow medium wide

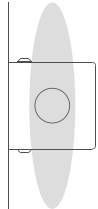


BROM 3.0 p. 295
max 6W max 500mA



BROM 4.0 p. 295
max 12W max 500mA

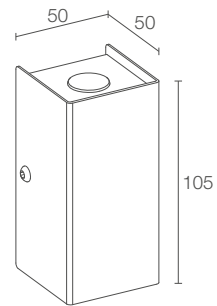
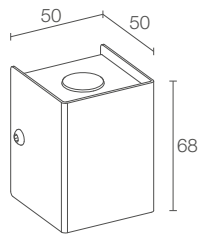
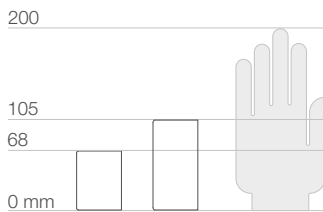
BROM



10°x45° optics
(Brom 1.0 / 2.0)

BROM 1.0

BROM 2.0

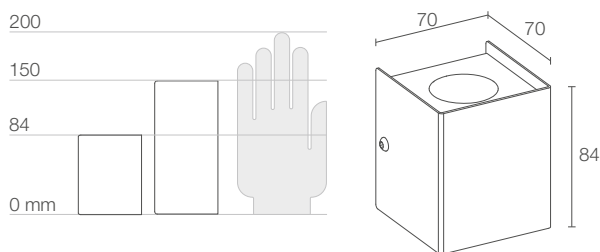


POWER / POWER SUPPLY CODE	max 2W max 500mA BR10012 ■ ■ I
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue
OPTICS	S - 10° M - 20° L - 40° W - 10°x45°
LUMEN OUTPUT AT SOURCE	145 lm (3000K, 500mA)
DELIVERED LUMEN OUTPUT	88 lm (3000K, 500mA, 20°)
NO. AND TYPE OF LED	1 power LED 1/4 ANSI BIN (white LED colour) 50000h L90 B10 (Ta 25°C)
MATERIAL	body and trim in AISI 316L stainless steel screen in tempered, transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 296 and 844
POWER CABLES	includes 2x0.30 m single-core cables
WIRING	series
MOUNTING	surface mounted (wall)
PHOTOMETRIC DATA	see p. 740

POWER / POWER SUPPLY CODE	max 4W max 500mA BR20022 ■ ■ ■ I
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue
OPTICS	UP optics: S - 10° M - 20° L - 40° W - 10°x45° DOWN optics: S - 10° M - 20° L - 40° W - 10°x45°
LUMEN OUTPUT AT SOURCE	145 lm (3000K, 500mA) per beam
DELIVERED LUMEN OUTPUT	88 lm (3000K, 500mA, 20°) per beam
NO. AND TYPE OF LED	2 power LEDs 1/4 ANSI BIN (white LED colour) 50000h L90 B10 (Ta 25°C)
MATERIAL	body and trim in AISI 316L stainless steel screen in tempered, transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 296 and 844
POWER CABLES	includes 2x0.30 m single-core cables
WIRING	series
MOUNTING	surface mounted (wall)
PHOTOMETRIC DATA	see p. 740



BROM 3.0



max 6W max 500mA
BR30032 ■ ■ I

■	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue
■	S - 12° M - 20° L - 35°

436 lm (3000K, 500mA)

251 lm (3000K, 500mA, 20°)

3 power LEDs
1/4 ANSI BIN (white LED colour)
50000h L90 B10 (Ta 25°C)

body and trim in AISI 316L stainless steel
screen in tempered, transparent extra-clear glass

not included, see p. 296 and 844

includes 2x0.30 m single-core cables

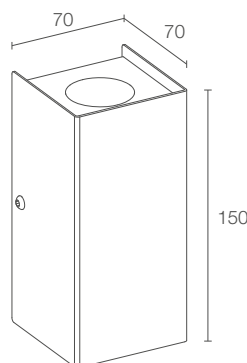
series

surface mounted (wall)

see p. 740



BROM 4.0



max 12W max 500mA
BR40062 ■ ■ ■ I

■	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue	
■	UP optics: S - 12° M - 20° L - 35°	DOWN optics: S - 12° M - 20° L - 35°

436 lm (3000K, 500mA) per beam

251 lm (3000K, 500mA, 20°) per beam

6 power LEDs
1/4 ANSI BIN (white LED colour)
50000h L90 B10 (Ta 25°C)

body and trim in AISI 316L stainless steel
screen in tempered, transparent extra-clear glass

not included, see p. 296 and 844

includes 2x0.30 m single-core cables

series

surface mounted (wall)

see p. 740

BROM

POWER SUPPLY UNITS

POWER SUPPLY UNITS Brom 1.0

350mA 1 LED

Max no. fixtures	PSU	IP	Page
1/3	A13350VL	20	845
1/15	ACUNI020T1	20	844 845
3/9	A19350QL	20	845
5/12	A312350QL	20	845
1/12 dimmer	ADUNITC	20	848 849 850
2/6	A16350IP67	67	845
5/12	A312350IP67	67	845

500mA 1 LED

Max no. fixtures	PSU	IP	Page
1/3	A13500TC	20	845
1/10	ACUNI020T1	20	844 845
2/5	A15500QL	20	845
5/10	A310500QL	20	845
1/12 dimmer	ADUNITC	20	848 849 850
1/4	A14500IP67	67	845
5/10	A310500IP67	67	845

POWER SUPPLY UNITS Brom 2.0

350mA 2 LEDs

Max no. fixtures	PSU	IP	Page
1	A13350VL	20	845
1/7	ACUNI020T1	20	844 845
3/4	A19350QL	20	845
3/6	A312350QL	20	845
1/6 dimmer	ADUNITC	20	848 849 850
1/3	A16350IP67	67	845
3/6	A312350IP67	67	845

500mA 2 LEDs

Max no. fixtures	PSU	IP	Page
1	A13500TC	20	845
1/2	A15500QL	20	845
1/5	ACUNI020T1	20	844 845
3/4	A310500QL	20	845
1/6 dimmer	ADUNITC	20	848 849 850
1/2	A14500IP67	67	845
3/5	A310500IP67	67	845

POWER SUPPLY UNITS Brom 3.0

350mA 3 LEDs

Max no. fixtures	PSU	IP	Page
1	A13350VL	20	845
1/3	A19350QL	20	845
1/5	ACUNI020T1	20	844 845
2/4	A312350QL	20	845
1/4 dimmer	ADUNITC	20	848 849 850
1/2	A16350IP67	67	845
2/4	A312350IP67	67	845

500mA 3 LEDs

Max no. fixtures	PSU	IP	Page
1	A13500TC	20	845
1/3	ACUNI020T1	20	844 845
2/3	A310500QL	20	845
1/4 dimmer	ADUNITC	20	848 849 850
1	A14500IP67	67	845
2/3	A310500IP67	67	845

POWER SUPPLY UNITS Brom 4.0

350mA 6 LEDs

Max no. fixtures	PSU	IP	Page
1/2	ACUNI020T1	20	844 845
1/2	A312350QL	20	845
1/2 dimmer	ADUNITC	20	848 849 850
1	A16350IP67	67	845
1/2	A312350IP67	67	845

500mA 6 LEDs

Max no. fixtures	PSU	IP	Page
1	ACUNI020T1	20	844 845
1	A310500QL	20	845
1/2 dimmer	ADUNITC	20	848 849 850
1	A310500IP67	67	845

BROM 3.0 >
3000K, 6W, 12°

BROM 4.0
3000K, 12W, UP optics 12° / DOWN optics 12°

Project by / geom. Giuseppe Carannante
Villa Punta Pennata, Bacoli, Naples, Italy



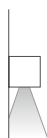
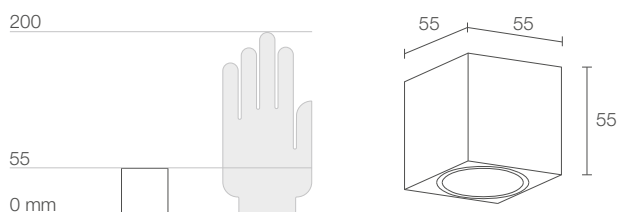
CUBE W

OUTDOOR WALL MOUNTED, OPTICS WITH WHITE AND RGB LIGHT

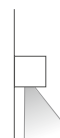
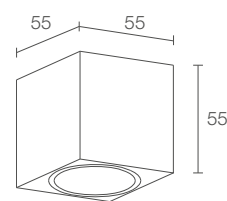




CUBE W 1.0



CUBE W 1.1



POWER / POWER SUPPLY CODE

max 6W max 500mA blue/white light
CU1032 ■ ■ E White
CU1032 ■ ■ H Anthracite
CU1032 ■ ■ T Cor-ten

max 3W max 350mA RGB light
CU1031 6 ■ ■ E White
CU1031 6 ■ ■ H Anthracite
CU1031 6 ■ ■ T Cor-ten

max 6W max 500mA blue/white light
CU1132 ■ ■ E White
CU1132 ■ ■ H Anthracite
CU1132 ■ ■ T Cor-ten

max 3W max 350mA RGB light
CU1131 6 ■ ■ E White
CU1131 6 ■ ■ H Anthracite
CU1131 6 ■ ■ T Cor-ten

■ LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue
■ OPTICS	S - 18° M - 28° L - 36°

■ LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue
■ OPTICS	S - 18° tilted 20° M - 28° tilted 20° L - 36° tilted 20°

LUMEN OUTPUT AT SOURCE	410 lm (3000K, 500mA) RGB: 197 lm, R: 62 lm G: 100 lm B: 35 lm (350mA)
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LUMEN OUTPUT AT SOURCE	410 lm (3000K, 500mA) RGB: 197 lm, R: 62 lm G: 100 lm B: 35 lm (350mA)
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DELIVERED LUMEN OUTPUT	337 lm (3000K, 500mA, 28°) RGB: 163 lm, R: 51 lm G: 83 lm B: 29 lm (350mA, 28°)
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DELIVERED LUMEN OUTPUT	295 lm (3000K, 500mA, 28°) RGB: 141 lm, R: 44 lm G: 72 lm B: 25 lm (350mA, 28°)
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NO. AND TYPE OF LED	3 power LEDs 1/4 ANSI BIN (white LED colour) 50000h L90 B10 (Ta 25°C)
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NO. AND TYPE OF LED	3 power LEDs 1/4 ANSI BIN (white LED colour) 50000h L90 B10 (Ta 25°C)
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MATERIAL	body in anodized aluminium screen in frosted plexiglass
----------	--

MATERIAL	body in anodized aluminium screen in frosted plexiglass
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POWER SUPPLY UNIT	not included, see p. 300 and 844
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POWER SUPPLY UNIT	not included, see p. 300 and 844
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POWER CABLES	includes 2x0.30 m single-core cables
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POWER CABLES	includes 2x0.30 m single-core cables
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WIRING	series
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WIRING	series
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MOUNTING	surface mounted (wall)
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MOUNTING	surface mounted (wall)
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NOTES	ceiling-mounted version: Cube C 1.2, p. 313
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NOTES	ceiling-mounted version: Cube C 1.3, p. 313
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PHOTOMETRIC DATA	see p. 753
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PHOTOMETRIC DATA	see p. 753
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CUBE W

POWER SUPPLY UNITS

POWER SUPPLY UNITS

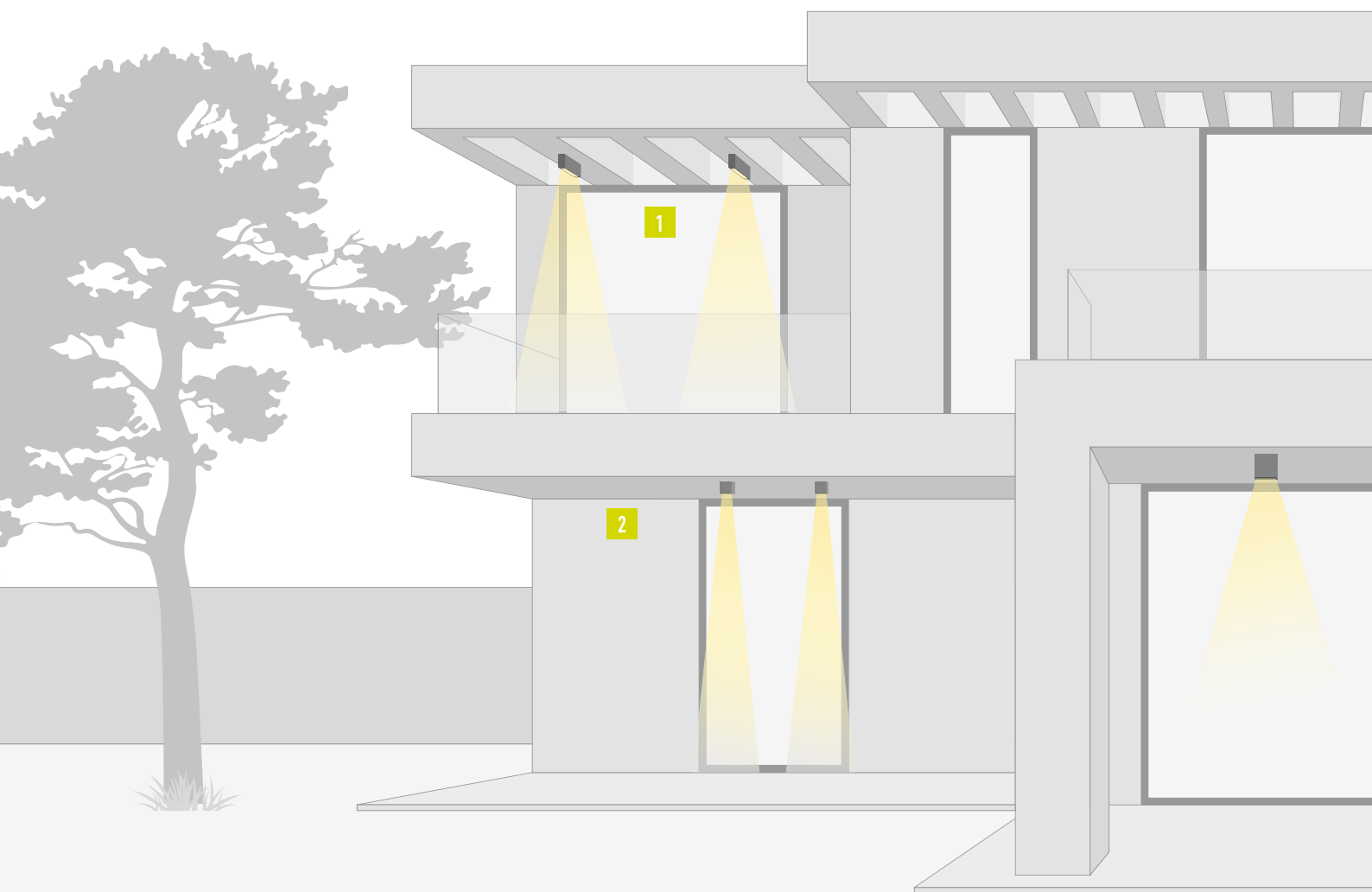
350mA

Max no. fixtures	PSU	IP	Page
1	A13350VL	20	845
1/3	A19350QL	20	845
1/5	ACUNI020T1	20	844 845
2/4	A312350QL	20	845
1/4 dimmer	ADUNITC	20	848 849 850
1/2	A16350IP67	67	845
2/4	A312350IP67	67	845
-	RGB controller	-	855 - 860

500mA

Max no. fixtures	PSU	IP	Page
1	A13500TC	20	845
1/3	ACUNI020T1	20	844 845
2/3	A310500QL	20	845
1/4 dimmer	ADUNITC	20	848 849 850
1	A14500IP67	67	845
2/3	A310500IP67	67	845





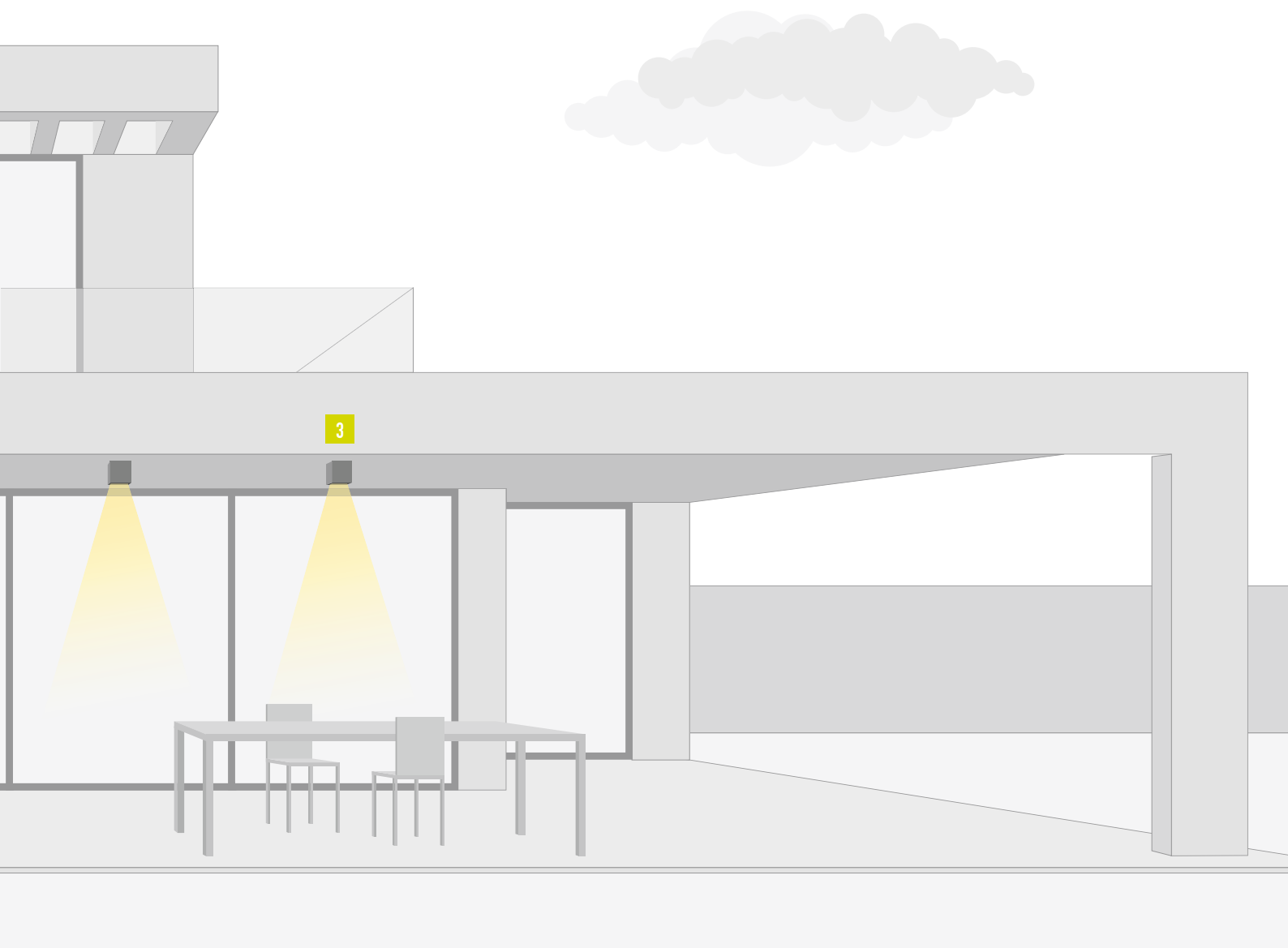
1 ELLO OUT p. 306

2 CUBE C p. 312

3 TAK p. 316

CEILING MOUNTED

FOR OUTDOOR APPLICATIONS





ELLO OUT

see p. 306

BEAM	DIFFUSE VERSION	•
	OPTICS VERSION	
LIGHT COLOUR		 2700K 3000K 4000K
POWER		7-19W
POWER SUPPLY	CONSTANT CURRENT power supply unit not included	
	MAINS VOLTAGE built-in power supply unit	230Vac
IP		IP65
APPLIANCE CLASS		⚡



CUBE C

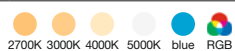
see p. 312



TAK

see p. 316

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max 3W (RGB light)
max 6W (white/blue light)

max 350mA (RGB light)
max 500mA (white/blue light)

IP54



•

•



10–18W

230Vac

IP65





ELLO OUT

OUTDOOR CEILING MOUNTED
WITH DIFFUSE LIGHT



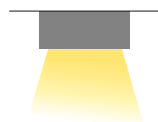
diffuse


2700K 3000K 4000K

OUTDOOR

INDOOR

CEILING MOUNTED



ELLO OUT 1.0 p. 308
7W 230Vac
493 lm (3000K)



ELLO OUT 2.0 p. 309
13W 230Vac
985 lm (3000K)



ELLO OUT 3.0 p. 309
19W 230Vac
1478 lm (3000K)

ELLO IN p. 620

WALL MOUNTED

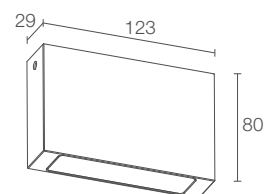
ELLA OUT p. 278

ELLA IN p. 594

ELLO OUT



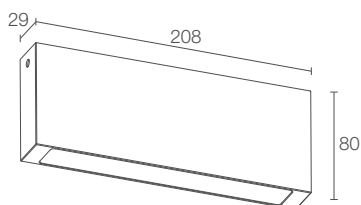
ELLO OUT 1.0



POWER / POWER SUPPLY CODE	7W 230Vac EP1010 D E T White EP1010 D F T Grey EP1010 D H T Anthracite EP1010 D T T Cor-ten
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	diffuse
LUMEN OUTPUT AT SOURCE	954 lm (3000K)
DELIVERED LUMEN OUTPUT	493 lm (3000K)
NO. AND TYPE OF LED	18 mid-power LEDs 3-step MacAdam, 50000h L80 B10 (Ta 25°C)
MATERIAL	body in aluminium screen in serigraphed extra-clear microprismatic glass
POWER SUPPLY UNIT	built in
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 3x1.00 Ø7.0 mm
MOUNTING	surface mounted (ceiling)
ACCESSORIES	see p. 310
NOTES	indoor version: Ello IN 1.0, p. 622 wall-mounted version: Ella OUT 1.0, p. 280
PHOTOMETRIC DATA	see p. 759



ELLO OUT 2.0



CE LED TECH kg 0.80 IP65 IK08
A A+ A++

13W 230Vac
EP2010 **D E T** White
EP2010 **D F T** Grey
EP2010 **D H T** Anthracite
EP2010 **D T T** Cor-ten

■ **F** - 2700K
5 - 3000K
9 - 4000K

diffuse

1908 lm (3000K)

985 lm (3000K)

36 mid-power LEDs
 3-step MacAdam, 50000h L80 B10 (Ta 25°C)

body in aluminium
 screen in serigraphed extra-clear microprismatic glass

built in

includes 1.5 m neoprene cable
 H05RN-F 3x1.00 Ø7.0 mm

surface mounted (ceiling)

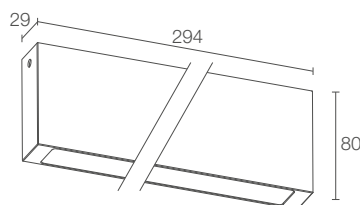
see p. 310

indoor version: Ello IN 2.0, p. 623
 wall-mounted version: Ella OUT 2.0, p. 281

see p. 759



ELLO OUT 3.0



CE LED TECH kg 1.20 IP65 IK08
A A+ A++

19W 230Vac
EP3010 **D E T** White
EP3010 **D F T** Grey
EP3010 **D H T** Anthracite
EP3010 **D T T** Cor-ten

■ **F** - 2700K
5 - 3000K
9 - 4000K

diffuse

2862 lm (3000K)

1478 lm (3000K)

54 mid-power LEDs
 3-step MacAdam, 50000h L80 B10 (Ta 25°C)

body in aluminium
 screen in serigraphed extra-clear microprismatic glass

built in

includes 1.5 m neoprene cable
 H05RN-F 3x1.00 Ø7.0 mm

surface mounted (ceiling)

see p. 310

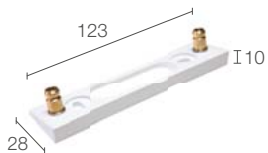
indoor version: Ello IN 3.0, p. 623
 wall-mounted version: Ella OUT 3.0, p. 281

see p. 759

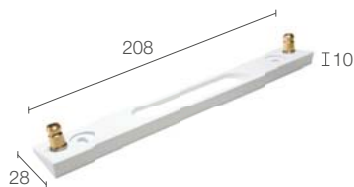
ELLO OUT

ACCESSORIES

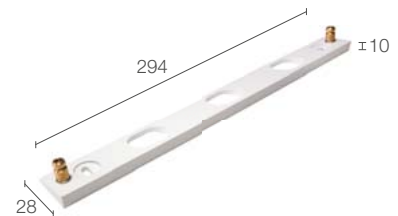
ACCESSORIES FOR INSTALLATION



WD0651E - White
WD0651F - Grey
WD0651H - Anthracite
WD0651T - Cor-ten
Spacer for 15° inclination
RAL finish available on request
(Ello OUT 1.0)



WD0652E - White
WD0652F - Grey
WD0652H - Anthracite
WD0652T - Cor-ten
Spacer for 15° inclination
RAL finish available on request
(Ello OUT 2.0)



WD0653E - White
WD0653F - Grey
WD0653H - Anthracite
WD0653T - Cor-ten
Spacer for 15° inclination
RAL finish available on request
(Ello OUT 3.0)

∨
ELLO OUT 1.0
with spacer (15° inclination)



STANDARD FINISHES



White



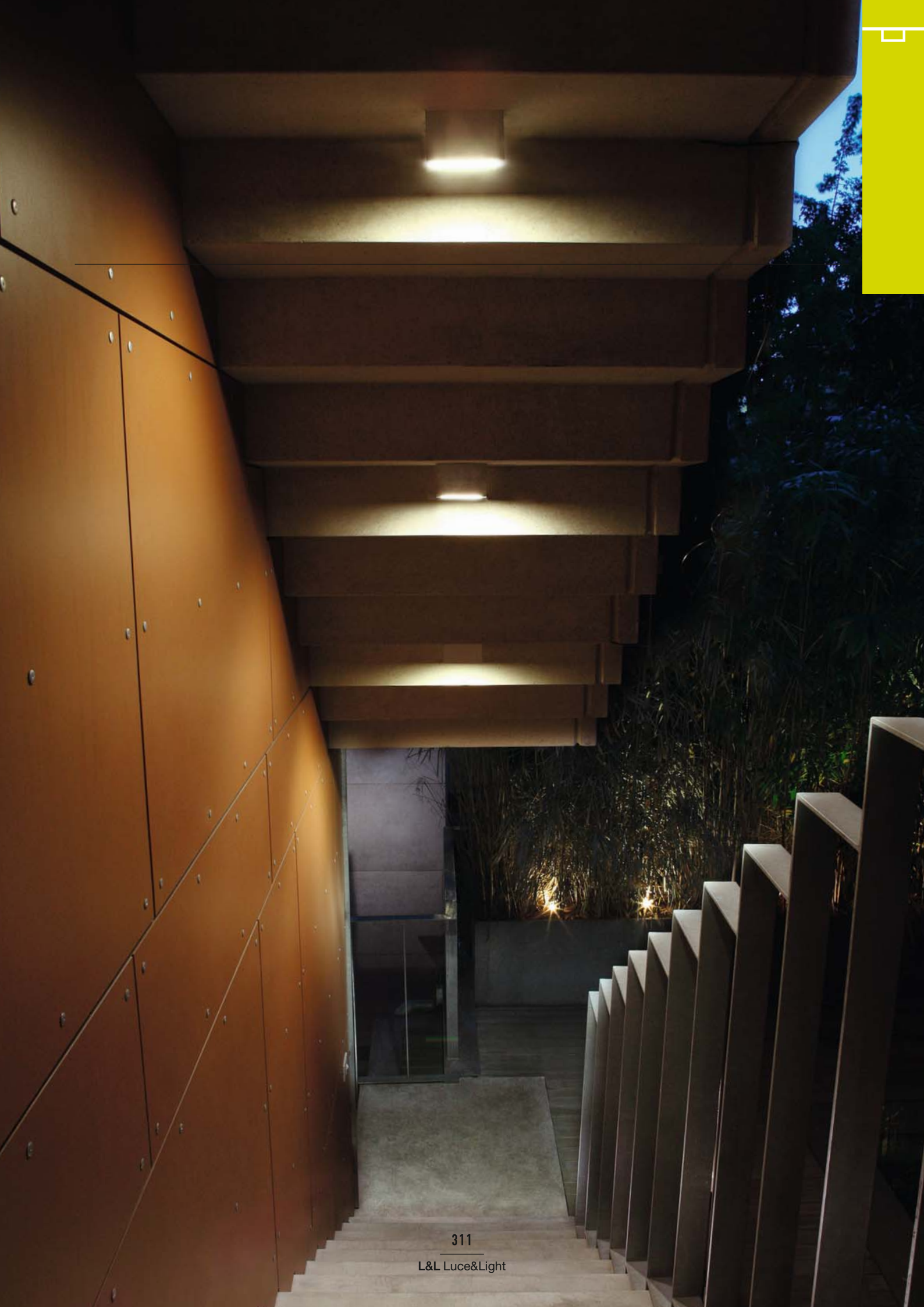
Grey



Anthracite



Cor-ten



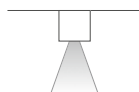
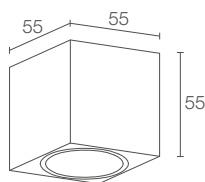
CUBE C

OUTDOOR CEILING MOUNTED, OPTICS WITH WHITE AND RGB LIGHT

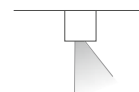
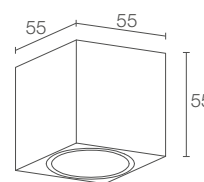




CUBE C 1.2



CUBE C 1.3



POWER / POWER SUPPLY CODE

max 6W max 500mA blue/white light
CU1232 ■ ■ ■ E White
CU1232 ■ ■ ■ H Anthracite
CU1232 ■ ■ ■ T Cor-ten

max 3W max 350mA RGB light
CU1231 6 ■ ■ ■ E White
CU1231 6 ■ ■ ■ H Anthracite
CU1231 6 ■ ■ ■ T Cor-ten

max 6W max 500mA blue/white light
CU1332 ■ ■ ■ E White
CU1332 ■ ■ ■ H Anthracite
CU1332 ■ ■ ■ T Cor-ten

max 3W max 350mA RGB light
CU1331 6 ■ ■ ■ E White
CU1331 6 ■ ■ ■ H Anthracite
CU1331 6 ■ ■ ■ T Cor-ten

LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue
OPTICS	S - 18° M - 28° L - 36°

LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue
OPTICS	S - 18° tilted 20° M - 28° tilted 20° L - 36° tilted 20°

LUMEN OUTPUT AT SOURCE	410 lm (3000K, 500mA) RGB: 197 lm, R: 62 lm G: 100 lm B: 35 lm (350mA)
------------------------	--

LUMEN OUTPUT AT SOURCE	410 lm (3000K, 500mA) RGB: 197 lm, R: 62 lm G: 100 lm B: 35 lm (350mA)
------------------------	--

DELIVERED LUMEN OUTPUT	337 lm (3000K, 500mA, 28°) RGB: 163 lm, R: 51 lm G: 83 lm B: 29 lm (350mA, 28°)
------------------------	---

DELIVERED LUMEN OUTPUT	295 lm (3000K, 500mA, 28°) RGB: 141 lm, R: 44 lm G: 72 lm B: 25 lm (350mA, 28°)
------------------------	---

NO. AND TYPE OF LED	3 power LEDs 1/4 ANSI BIN (white LED colour) 50000h L90 B10 (Ta 25°C)
---------------------	---

NO. AND TYPE OF LED	3 power LEDs 1/4 ANSI BIN (white LED colour) 50000h L90 B10 (Ta 25°C)
---------------------	---

MATERIAL	body in anodized aluminium screen in frosted plexiglass
----------	--

MATERIAL	body in anodized aluminium screen in frosted plexiglass
----------	--

POWER SUPPLY UNIT	not included, see p. 314 and 844
-------------------	----------------------------------

POWER SUPPLY UNIT	not included, see p. 314 and 844
-------------------	----------------------------------

POWER CABLES	includes 2x0.30 m single-core cables
--------------	--------------------------------------

POWER CABLES	includes 2x0.30 m single-core cables
--------------	--------------------------------------

WIRING	series
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WIRING	series
--------	--------

MOUNTING	surface mounted (ceiling)
----------	---------------------------

MOUNTING	surface mounted (ceiling)
----------	---------------------------

NOTES	wall-mounted version: Cube W 1.0, p. 299
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NOTES	wall-mounted version: Cube W 1.1, p. 299
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PHOTOMETRIC DATA	see p. 753
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PHOTOMETRIC DATA	see p. 753
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CUBE C

POWER SUPPLY UNITS

POWER SUPPLY UNITS

350mA

Max no. fixtures	PSU	IP	Page
1	A13350VL	20	845
1/3	A19350QL	20	845
1/5	ACUNI020T1	20	844 845
2/4	A312350QL	20	845
1/4 dimmer	ADUNITC	20	848 849 850
1/2	A16350IP67	67	845
2/4	A312350IP67	67	845
-	RGB controller	-	855 - 860

500mA

Max no. fixtures	PSU	IP	Page
1	A13500TC	20	845
1/3	ACUNI020T1	20	844 845
2/3	A310500QL	20	845
1/4 dimmer	ADUNITC	20	848 849 850
1	A14500IP67	67	845
2/3	A310500IP67	67	845



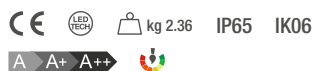
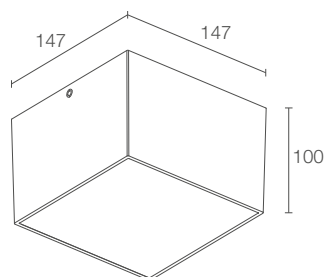
TAK

OUTDOOR CEILING MOUNTED, WITH DIFFUSE LIGHT OR OPTICS





TAK 1.0

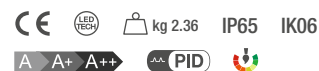
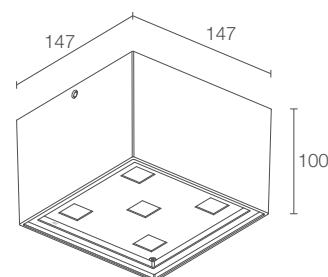


POWER / POWER SUPPLY CODE

18W 230Vac
TA1011 **D E** White
TA1011 **D F** Grey
TA1011 **D H** Anthracite
TA1011 **D T** Cor-ten



TAK 1.1



10W 230Vac
TA1110 **E** White
TA1110 **F** Grey
TA1110 **H** Anthracite
TA1110 **T** Cor-ten

18W 230Vac
TA1111 **E** White
TA1111 **F** Grey
TA1111 **H** Anthracite
TA1111 **T** Cor-ten

LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	diffuse
LUMEN OUTPUT AT SOURCE	875 lm (3000K)
DELIVERED LUMEN OUTPUT	671 lm (3000K)
NO. AND TYPE OF LED	power LED matrix 1/4 ANSI BIN, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in die-cast aluminium screen in sandblasted, tempered extra-clear glass
POWER SUPPLY UNIT	built in
POWER CABLES	connection box with 0.30 m cable
MOUNTING	surface mounted (ceiling)
PHOTOMETRIC DATA	see p. 828

LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	S - 10° F - 30° K - 70°
LUMEN OUTPUT AT SOURCE	727 lm (3000K, 10W) 1308 lm (3000K, 18W)
DELIVERED LUMEN OUTPUT	495 lm (3000K, 30°, 10W) 883 lm (3000K, 30°, 18W)
NO. AND TYPE OF LED	5, 9 power LEDs 1/4 ANSI BIN, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in die-cast aluminium screen in serigraphed, tempered, transparent extra-clear glass
POWER SUPPLY UNIT	built in
POWER CABLES	connection box with 0.30 m cable
MOUNTING	surface mounted (ceiling)
PHOTOMETRIC DATA	see p. 828

SUSPENDED

FOR OUTDOOR APPLICATIONS

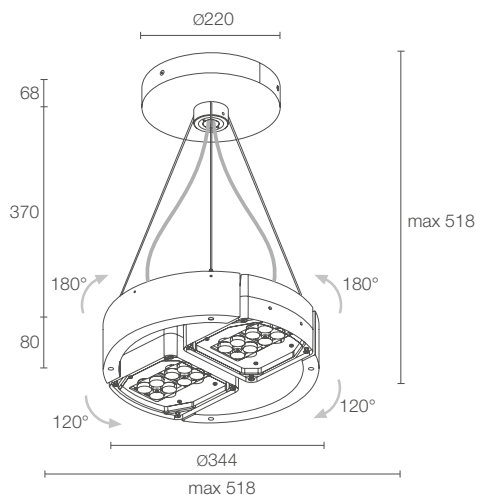


^
PALLADIANO 1.1
3000K, 76W, 145°x115°, copper



PALLADIANO

OUTDOOR SUSPENDED, WITH ADJUSTABLE DOUBLE BEAM



PALLADIANO 1.1

Optics not included, order in pairs

CE LED TECH IP kg 8.80 IP66 IK10

A A+ A++ IPS PID SPD

POWER SUPPLY CODE	230Vac PD111 ■ ■ ■ ■ E White PD111 ■ ■ ■ ■ H Anthracite PD111 ■ ■ ■ ■ T Cor-ten PD111 ■ ■ ■ ■ U Copper
POWER	0 - 76W 1 - 110W
CRI	0 - CRI 80 1 - CRI >90
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
CONTROL SYSTEM	0 - 1-10V+PUSH 2 - virtual midnight 1 - DALI 3 - on/off Casambi on request
LUMEN OUTPUT AT SOURCE	7810 lm (3000K, 76W, CRI 80) 10512 lm (3000K, 110W, CRI 80)
DELIVERED LUMEN OUTPUT	4600 lm (3000K, 38°, 76W, CRI 80) 6400 lm (3000K, 38°, 110W, CRI 80)
NO. AND TYPE OF LED	16 high-intensity power LEDs 3-step MacAdam, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in die-cast aluminium ceiling rose in steel screen in serigraphed transparent polycarbonate
POWER SUPPLY UNIT	built in
POWER CABLES	includes 5 m neoprene cable H05RN-F 2x1.00/1.00 Ø6.8 mm
MOUNTING	surface mounted (ceiling) with ceiling rose
ACCESSORIES	see p. 320
NOTES	Palladiano 1.0 p. 425 accessories available on request for mounting on a span wire
DESIGN BY	Francesco Iannone
PHOTOMETRIC DATA	see p. 794 and 795

PALLADIANO

ACCESSORIES

OPTICAL ACCESSORIES

WR0301 - 15°

WR0302 - 24°

WR0303 - 38°

WR0304 - 54°

WR0305 - 14°x56°

Optics

WR0306 - 153°x107°

WR0307 - 85°x85°

WR0308 - 130°x130°

WR0309 - 119°x92°

WR0310 - 158°x110°

WR0311 - 149°x106°

WR0312 - 160°x112°

WR0313 - 162°x116°

WR0314 - 165°x110°

WR0315 - 145°x115°

WR0316 - 110°x80°

WR0317 - 145°x120°

WR0318 - 135°x135°

WR0319 - 47°x47°

WR0320 - 90°x90°

Street optics

Palladiano 1.1 houses 2 optics, to be ordered in pairs

OPTICAL ACCESSORIES



WR0321 - Water

WR0322 - Blue water

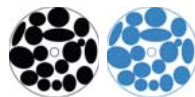
Shadow-effect filter



WR0323 - Forest

WR0324 - Green forest

Shadow-effect filter



WR0325 - Rain

WR0326 - Blue rain

Shadow-effect filter



WR0327 - Leaves

WR0328 - Green leaves

Shadow-effect filter



WR0329 - Blurred

WR0330 - Orange blurred

Shadow-effect filter



WR0331 - Path

WR0332 - Green path

Shadow-effect filter



WR0333 - Red

WR0334 - Green

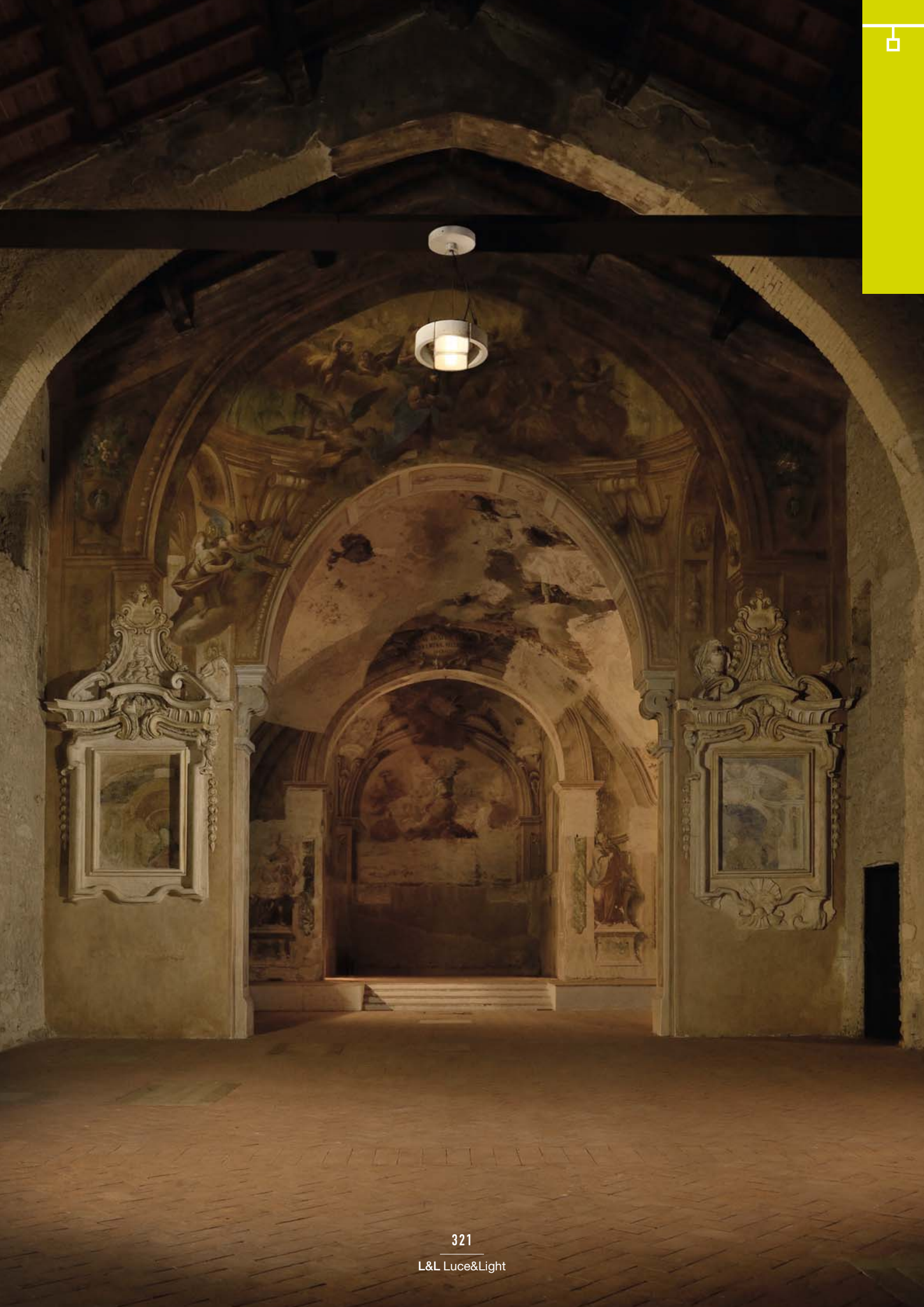
WR0335 - Blue

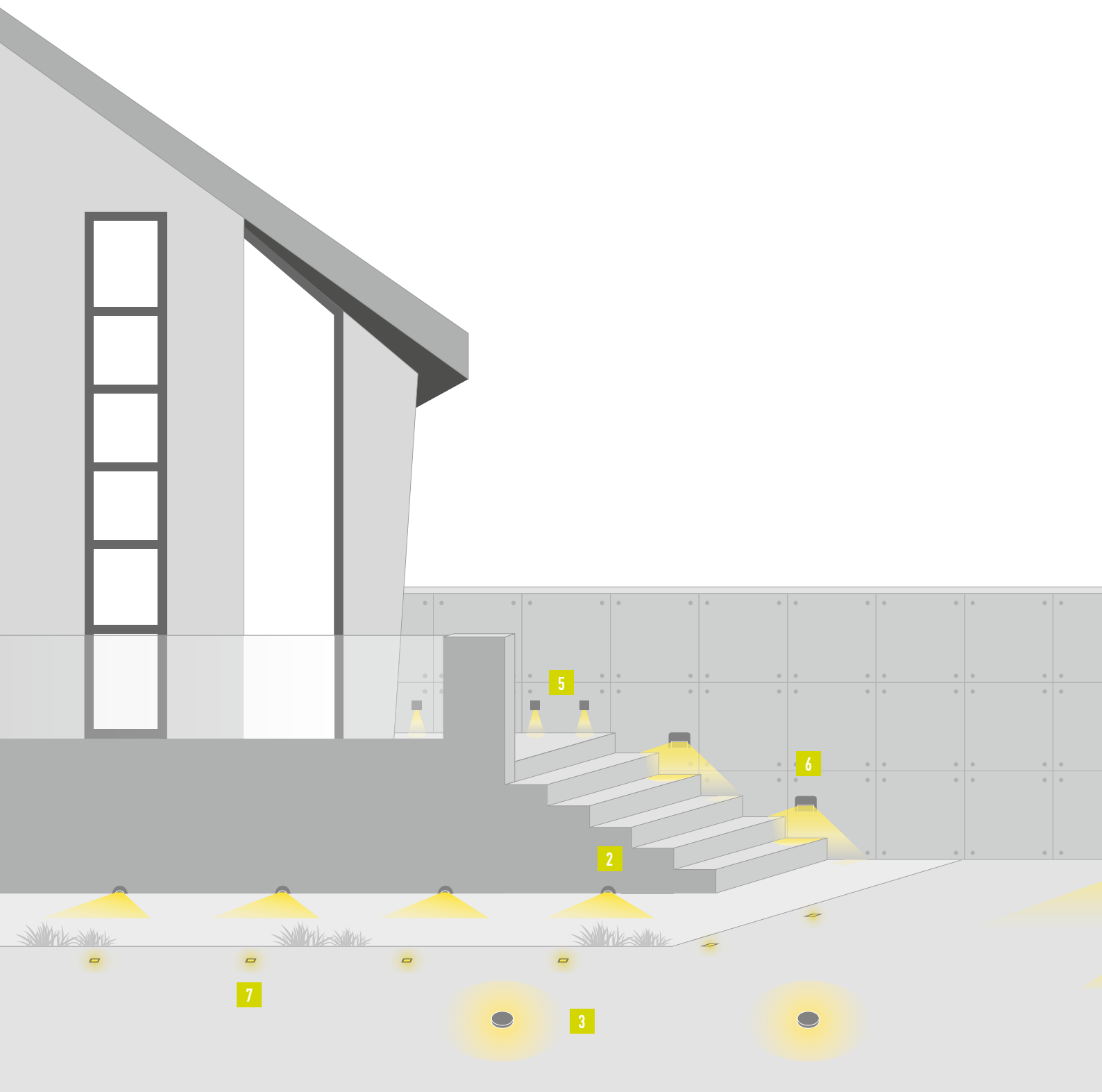
Colour filter

Shadow-effect filter: order instead of optics

Colour filter: order in addition to the 15°, 24°, 38°, 54° and 14°x56° optics

Palladiano 1.1 houses 2 shadow-effect / colour filters, to be ordered in pairs





1 RONDÒ p. 326

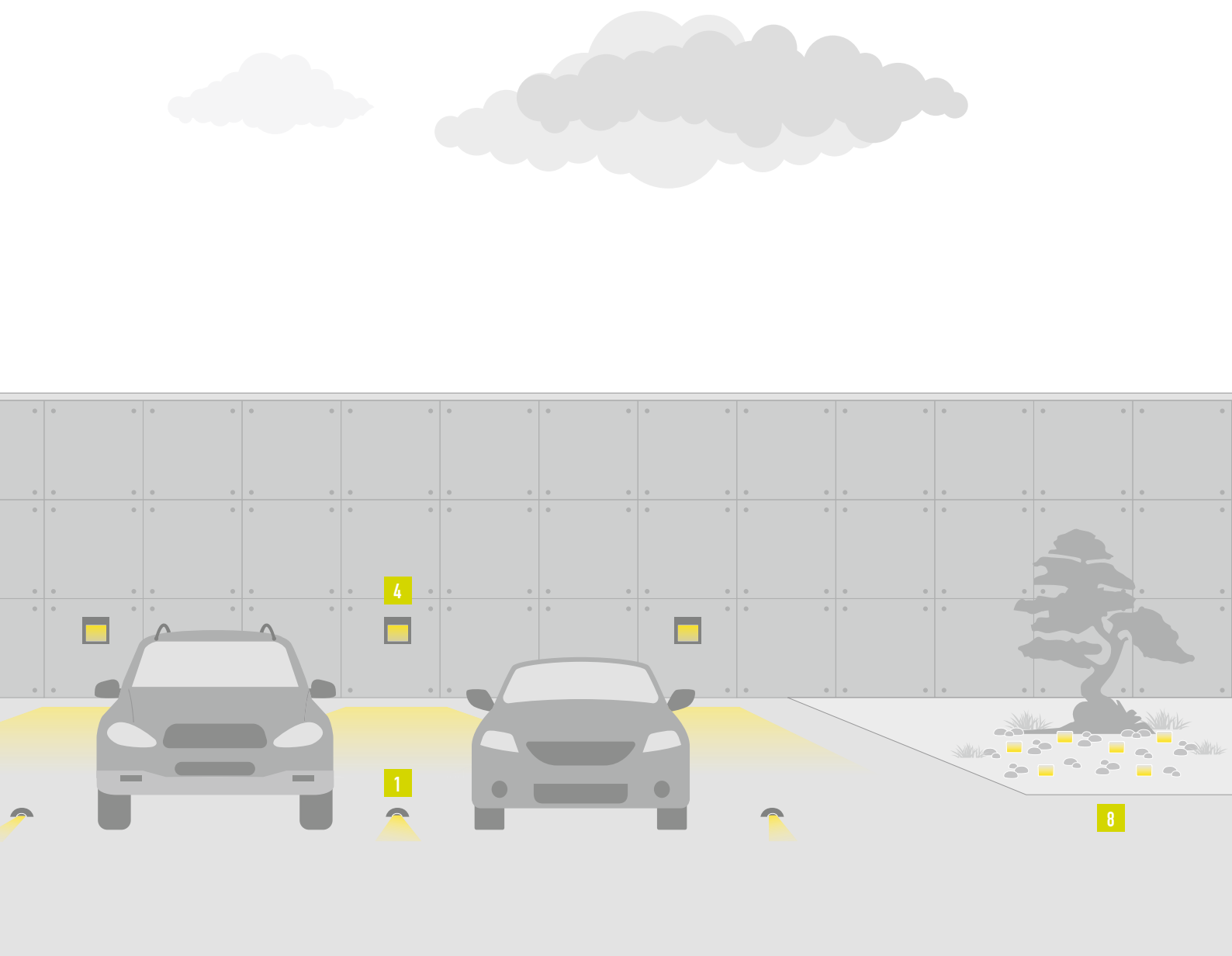
2 BEAM p. 336

3 BRIGHT p. 342

4 PASITO p. 350

STEP LIGHTS

FOR OUTDOOR APPLICATIONS



5 STEP OUTSIDE p. 360

6 LIRA p. 374

7 GOCCIA p. 378

8 ICE LED p. 384



RONDÒ

see p. 326



BEAM

see p. 336



BRIGHT

see p. 342

INSTALLATION

small paths
and car parks

walkways

orientation light

RECESSED INSTALLATION

RECESSED INSTALLATION, FLUSH

MOUNTING

RECESSED INSTALLATION, WITH FRAME

SEMI-RECESSED



SURFACE

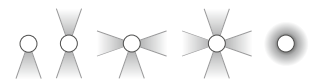
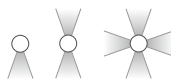
DIFFUSE OPTICS

ROTATIONALLY SYMMETRICAL OPTICS

BEAM

ASYMMETRICAL OPTICS

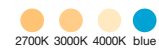
RADIAL OPTICS



LUMINOUS INTENSITY



LIGHT COLOUR



POWER SUPPLY

CONSTANT CURRENT
power supply unit not included

max 350mA (double beam)
max 500mA (single beam)

max 700mA

CONSTANT VOLTAGE
power supply unit not included

24Vdc

24Vdc

24Vdc

MAINS VOLTAGE
built-in power supply unit

230Vac

IP

IP67

IP67

IP67 / IP68

APPLIANCE CLASS





PASITO
see p. 350



STEP OUTSIDE
see p. 360



LIRA
see p. 374



GOCCIA
see p. 378



ICE LED
see p. 384

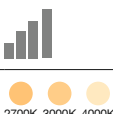
pathways

orientation light
and walkways

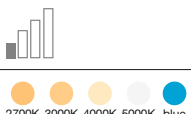
pathways
and steps

orientation
light

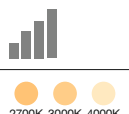
flowerbeds
and gardens



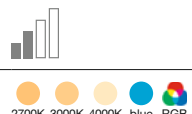
2700K 3000K 4000K



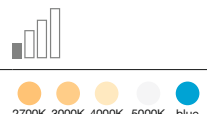
2700K 3000K 4000K 5000K blue



2700K 3000K 4000K



2700K 3000K 4000K blue RGB



2700K 3000K 4000K 5000K blue

max 500mA

max 350mA
(RGB light)

max 350mA

24Vdc

24Vdc

24Vdc (white/blue light)

230Vac

230Vac

IP65

IP54 / IP65

IP65

IP67

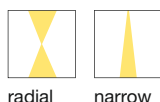
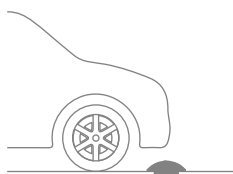
IP67





RONDÒ

OUTDOOR STEP LIGHTS
DRIVE-OVER FOR ORIENTATION LIGHTS IN PATHS AND PARKING AREAS



Ø100 mm

Ø160 mm

SINGLE BEAM



RONDÒ 1.1 p. 330
2W 24Vdc



RONDÒ 3.1 p. 332
3W 24Vdc
3W 230Vac



RONDÒ 2.1 p. 331
2W 24Vdc

DOUBLE BEAM

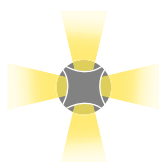


RONDÒ 1.2 p. 331
4W 24Vdc



RONDÒ 3.2 p. 333
5W 24Vdc
5W 230Vac

4 BEAMS



RONDÒ 3.4 p. 333
8W 24Vdc
8W 230Vac



BUILT-IN PROTECTION SYSTEMS:

PID PROTECTIVE IMPEDANCE DEVICE (RONDÒ 3)



IPS INTELLIGENT PROTECTION SYSTEM

CONTROLLED UPWARD BEAM AVOIDS LIGHT POLLUTION

TAMPER-RESISTANT SCREW IN AISI 316L STAINLESS STEEL IN THE SAME FINISH AS THE FIXTURE



5-STEP MATERIAL PROTECTION, AND OXIDATION AND CORROSION RESISTANCE

Preparation for painting with ALODINE NT-E® coating
Epoxy paint
Polyester paint
Paints compliant with Qualicoat automotive coating standard
Salt spray tested (over 1000 hours)



RONDÒ

UNIQUE SELLING POINTS

RAL FINISH
ON REQUEST



DRIVE-OVER
UP TO 5000 KG



BODY IN AISI 316L
STAINLESS STEEL, MADE
ENTIRELY ON A CNC LATHE



SCREEN IN
ANTI-UV
POLYCARBONATE

10° OPTICS



RADIAL OPTICS



DOUBLE-BEAM
RADIAL OPTICS



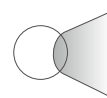
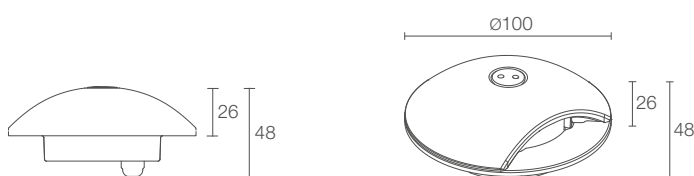
RONDÒ 1 / 2

✓
RONDÒ 1.2
 3000K, 4W, radial, micro-blasted stainless steel
LIRA 1.0
 3000K, 6W, asymmetrical, anthracite
UPDOWN 3.6
 3000K, 6W, 15°, anodized grey

Project by / arch. Patrik Spreafico
 Plastic Stratosfera, Robbiate, Lecco, Italy



RONDÒ 1.1

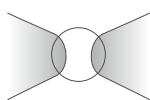
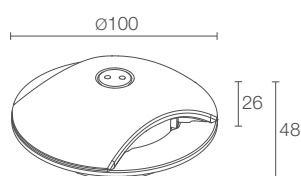


CE LED II kg 5000 kg 0.60 IP67 IK08
 A A+ A++ IPS T max 45°C

POWER / POWER SUPPLY CODE	2W 24Vdc RD1100 ■ H - Anthracite RD1100 ■ I - Micro-blasted stainless steel RD1100 ■ T - Cor-ten
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	S - 10° A - radial
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 2x0.35/0.75 Ø6.3 mm 1 - 5 m 2 - 10 m 3 - 15 m 4 - 20 m
LUMEN OUTPUT AT SOURCE	185 lm (3000K)
DELIVERED LUMEN OUTPUT	65 lm (3000K, radial optics)
NO. AND TYPE OF LED	1 power LED 1/4 ANSI BIN, 50000h L95 B10 (Ta 25°C)
MATERIAL	body in AISI 316L stainless steel screen in Rilsan® Clear
POWER SUPPLY UNIT	not included, see p. 334
MOUNTING	recessed (ground)
ACCESSORIES	see p. 334
PHOTOMETRIC DATA	see p. 806



RONDÒ 1.2



4W 24Vdc

RD1200 H - Anthracite

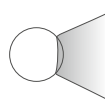
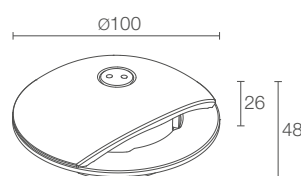
RD1200 I - Micro-blasted stainless steel

RD1200 T - Cor-ten

■	F - 2700K 5 - 3000K 9 - 4000K
■	S - 10° A - radial
■	includes 1.5 m neoprene cable H05RN-F 2x0.35/0.75 Ø6.3 mm 1 - 5 m 2 - 10 m 3 - 15 m 4 - 20 m
	185 lm (3000K) per beam
	65 lm (3000K, radial optics) per beam
	2 power LEDs 1/4 ANSI BIN, 50000h L95 B10 (Ta 25°C)
	body in AISI 316L stainless steel screen in Riisan® Clear
	not included, see p. 334
	recessed (ground)
	see p. 334
	see p. 806



RONDÒ 2.1



2W 24Vdc

RD2100 H - Anthracite

RD2100 I - Micro-blasted stainless steel

RD2100 T - Cor-ten

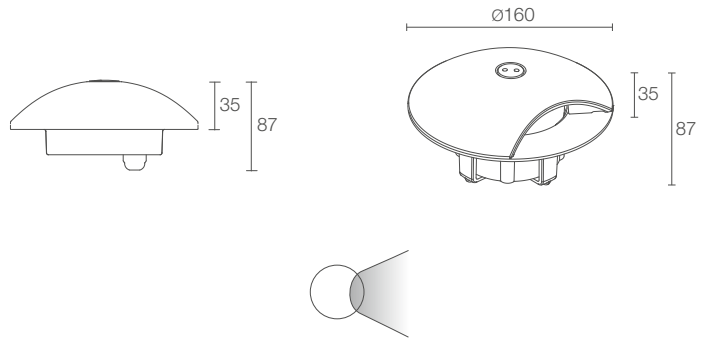
■	F - 2700K 5 - 3000K 9 - 4000K
■	S - 10° A - radial
■	includes 1.5 m neoprene cable H05RN-F 2x0.35/0.75 Ø6.3 mm 1 - 5 m 2 - 10 m 3 - 15 m 4 - 20 m
	185 lm (3000K)
	85 lm (3000K, radial optics)
	1 power LED 1/4 ANSI BIN, 50000h L95 B10 (Ta 25°C)
	body in AISI 316L stainless steel screen in Riisan® Clear
	not included, see p. 334
	recessed (ground)
	see p. 334
	see p. 806

RONDÒ 3

✓
RONDÒ 3.4
 3000K, 8W, radial, micro-blasted stainless steel
 Light planning by / Cristian Turra
 Private residence, Iseo, Brescia, Italy



RONDÒ 3.1



Built-in power supply in version with 230Vac power



POWER / POWER SUPPLY CODE

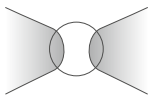
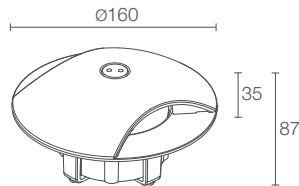
3W 24Vdc
RD3100 H - Anthracite
RD3100 I - Micro-blasted stainless steel
RD3100 T - Cor-ten

3W 230Vac
RD3110 H Anthracite
RD3110 I Micro-blasted stainless steel
RD3110 T Cor-ten

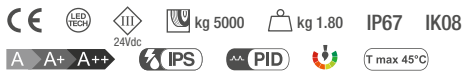
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	S - 10° A - radial
POWER CABLES	230Vac: includes 1.5 m neoprene cable H07RN-F 3x1.00 Ø8.7 mm 24Vdc: includes 1.5 m neoprene cable H05RN-F 2x0.35/0.75 Ø6.3 mm 1 - 5 m 2 - 10 m 3 - 15 m 4 - 20 m
LUMEN OUTPUT AT SOURCE	185 lm (3000K)
DELIVERED LUMEN OUTPUT	90 lm (3000K, radial optics)
NO. AND TYPE OF LED	1 power LED 1/4 ANSI BIN, 50000h L95 B10 (Ta 25°C)
MATERIAL	body in AISI 316L stainless steel screen in Rilsan® Clear
POWER SUPPLY UNIT	230Vac: built in 24Vdc: not included, see p. 334
MOUNTING	recessed (ground)
ACCESSORIES	see p. 334
PHOTOMETRIC DATA	see p. 806



RONDÒ 3.2



Built-in power supply in version with 230Vac power



5W 24Vdc
RD3200 H - Anthracite
RD3200 I - Micro-blasted stainless steel
RD3200 T - Cor-ten

5W 230Vac
RD3210 H - Anthracite
RD3210 I - Micro-blasted stainless steel
RD3210 T - Cor-ten

F - 2700K
 5 - 3000K
 9 - 4000K

S - 10°
 A - radial

230Vac: includes 1.5 m neoprene cable
 H07RN-F 3x1.00 Ø8.7 mm
 24Vdc: includes 1.5 m neoprene cable
 H05RN-F 2x0.35/0.75 Ø6.3 mm
 1 - 5 m
 2 - 10 m
 3 - 15 m
 4 - 20 m

185 lm (3000K) per beam

90 lm (3000K, radial optics) per beam

2 power LEDs
 1/4 ANSI BIN, 50000h L95 B10 (Ta 25°C)

body in AISI 316L stainless steel
 screen in Rilsan® Clear

230Vac: built in
 24Vdc: not included, see p. 334

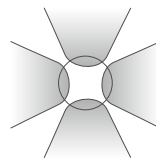
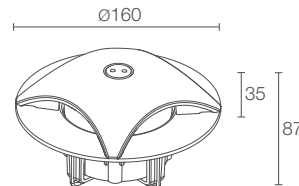
recessed (ground)

see p. 334

see p. 806



RONDÒ 3.4



Built-in power supply in version with 230Vac power



8W 24Vdc
RD3400 H - Anthracite
RD3400 I - Micro-blasted stainless steel
RD3400 T - Cor-ten

8W 230Vac
RD3410 H - Anthracite
RD3410 I - Micro-blasted stainless steel
RD3410 T - Cor-ten

F - 2700K
 5 - 3000K
 9 - 4000K

S - 10°
 A - radial

230Vac: includes 1.5 m neoprene cable
 H07RN-F 3x1.00 Ø8.7 mm
 24Vdc: includes 1.5 m neoprene cable
 H05RN-F 2x0.35/0.75 Ø6.3 mm

185 lm (3000K) per beam

90 lm (3000K, radial optics) per beam

4 power LEDs
 1/4 ANSI BIN, 50000h L95 B10 (Ta 25°C)

body in AISI 316L stainless steel
 screen in Rilsan® Clear

230Vac: built in
 24Vdc: not included, see p. 334

recessed (ground)

see p. 334

see p. 806

RONDÒ

ACCESSORIES AND POWER SUPPLY UNITS

ACCESSORIES FOR INSTALLATION



WC0100
Outer casing
(Rondò 1.1 / 1.2 / 2.1)



WC0103
Outer casing
(Rondò 1.1 / 1.2 / 2.1)



WC0150
Outer casing
(Rondò 1.1 / 1.2 / 2.1)



WC0601
Outer casing
(Rondò 3.1 / 3.2 / 3.4)



WC0701
Outer casing
(Rondò 3.1 / 3.2 / 3.4)

for spare parts, see p. 866

POWER CABLES Rondò 1.1 / 1.2 / 2.1; Rondò 3.1 / 3.2 24Vdc version

the choice of power cable is included in the configuration of the code for the lighting fixture

- 1 length 5 m
- 2 length 10 m
- 3 length 15 m
- 4 length 20 m

Neoprene cables
H05RN-F 2x0.35/0.75 Ø6.3 mm IPS

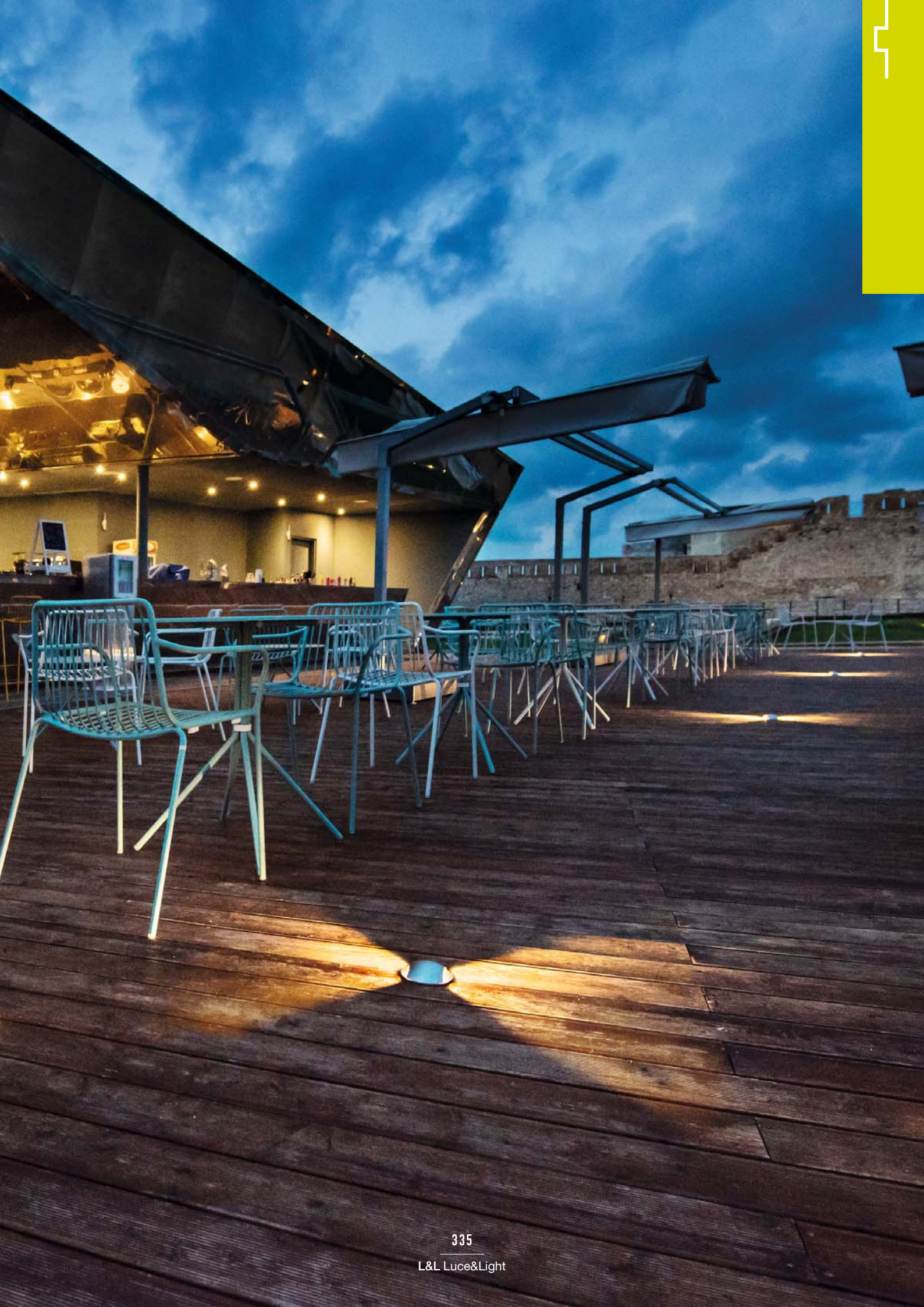
POWER SUPPLY UNITS Rondò 1.1 / 1.2 / 2.1; Rondò 3.1 / 3.2 / 3.4 24Vdc version

Max no. fixtures	PSU	IP	Page
1...n	24Vdc	20	847
1...n	24Vdc	67	847

RONDÒ 1.2 >

3000K, 4W, radial, micro-blasted stainless steel

Project by / Studio di Architettura Andrea Abbadesse,
ing. Ignazio Stancanelli, ing. Giuseppe Malatino
Light planning by / Light Style
Maniace-Ortigia, Syracuse, Italy



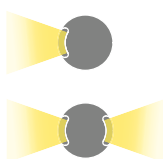


BEAM

OUTDOOR STEP LIGHTS
WALKWAY LIGHTING



RADIAL OPTICS ROUND COVER



CONSTANT CURRENT



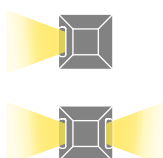
BEAM 2.0 p. 338
single beam: max 2W max 500mA
double beam: max 2W max 350mA

CONSTANT VOLTAGE



BEAM 2.6 p. 339
single beam, double beam:
2W 24Vdc

RADIAL OPTICS SQUARE COVER



BEAM 2.1 p. 338
single beam: max 2W max 500mA
double beam: max 2W max 350mA

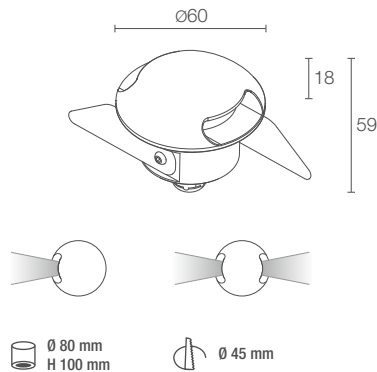


BEAM 2.7 p. 339
single beam, double beam:
2W 24Vdc

BEAM 2



BEAM 2.0



Ø 80 mm
H 100 mm

Ø 45 mm



POWER / POWER SUPPLY CODE

max 2W max 500mA single beam
CD2012 ■ D A I - ■ Stainless steel
CD2012 ■ D A F - ■ Grey
CD2012 ■ D A H - ■ Anthracite

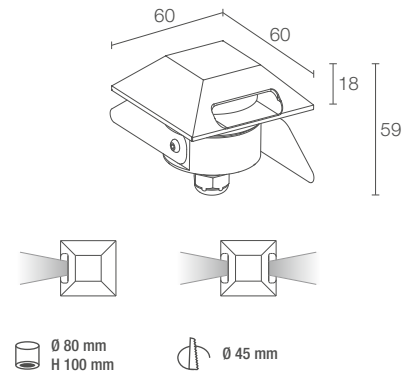
max 2W max 350mA double beam
CD2021 ■ D A I - ■ Stainless steel
CD2021 ■ D A F - ■ Grey
CD2021 ■ D A H - ■ Anthracite

■ LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue
■ POWER CABLES	includes 1.5 m neoprene cable H05RN-F 2x0.35/0.75 Ø6.3 mm 1 - 5 m 2 - 10 m 3 - 15 m 4 - 20 m

OPTICS	radial
LUMEN OUTPUT AT SOURCE	single beam: 145 lm (3000K, 500mA) double beam: 112 lm (3000K, 350mA) per beam
DELIVERED LUMEN OUTPUT	single beam: 70 lm (3000K, 500mA) double beam: 51 lm (3000K, 350mA) per beam
NO. AND TYPE OF LED	single beam: 1 power LED double beam: 2 power LEDs 1/4 ANSI BIN (white LED colour) 50000h L90 B10 (Ta 25°C)
MATERIAL	body in stainless steel or anodized aluminium trim in stainless steel or aluminium screen in sandblasted plexiglass
POWER SUPPLY UNIT	not included, see p. 341 and 844
WIRING	series
MOUNTING	recessed (wall, ground)
ACCESSORIES	see p. 340
PHOTOMETRIC DATA	see p. 725



BEAM 2.1



Ø 80 mm
H 100 mm

Ø 45 mm



max 2W max 500mA single beam
CD2112 ■ D A I - ■ Stainless steel
CD2112 ■ D A F - ■ Grey
CD2112 ■ D A H - ■ Anthracite

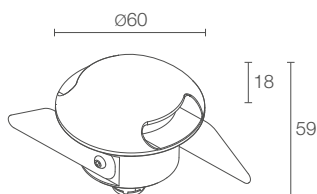
max 2W max 350mA double beam
CD2121 ■ D A I - ■ Stainless steel
CD2121 ■ D A F - ■ Grey
CD2121 ■ D A H - ■ Anthracite

■ LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue
■ POWER CABLES	includes 1.5 m neoprene cable H05RN-F 2x0.35/0.75 Ø6.3 mm 1 - 5 m 2 - 10 m 3 - 15 m 4 - 20 m

OPTICS	radial
LUMEN OUTPUT AT SOURCE	single beam: 145 lm (3000K, 500mA) double beam: 112 lm (3000K, 350mA) per beam
DELIVERED LUMEN OUTPUT	single beam: 70 lm (3000K, 500mA) double beam: 51 lm (3000K, 350mA) per beam
NO. AND TYPE OF LED	single beam: 1 power LED double beam: 2 power LEDs 1/4 ANSI BIN (white LED colour) 50000h L90 B10 (Ta 25°C)
MATERIAL	body in stainless steel or anodized aluminium trim in stainless steel or aluminium screen in sandblasted plexiglass
POWER SUPPLY UNIT	not included, see p. 341 and 844
WIRING	series
MOUNTING	recessed (wall, ground)
ACCESSORIES	see p. 340
PHOTOMETRIC DATA	see p. 725



BEAM 2.6



Ø 80 mm
H 100 mm

Ø 45 mm

CE LED TECH III kg 0.47 I kg 0.25 A IP67 IK09
A A+ A++ IPS T max 60°C

2W 24Vdc single beam

CD2612 D I - Stainless steel
CD2612 D F - Grey
CD2612 D H - Anthracite

2W 24Vdc double beam

CD2621 D I - Stainless steel
CD2621 D F - Grey
CD2621 D H - Anthracite

■	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue
■	includes 1.5 m neoprene cable H05RN-F 2x0.35/0.75 Ø6.3 mm 1 - 5 m 2 - 10 m 3 - 15 m 4 - 20 m

radial

single beam: 145 lm (3000K)
double beam: 112 lm (3000K) per beam

single beam: 70 lm (3000K)
double beam: 51 lm (3000K) per beam

single beam: 1 power LED
double beam: 2 power LEDs
1/4 ANSI BIN (white LED colour)
50000h L90 B10 (Ta 25°C)

body in stainless steel or anodized aluminium
trim in stainless steel or aluminium
screen in sandblasted plexiglass

not included, see p. 341

parallel

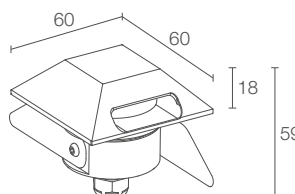
recessed (wall, ground)

see p. 340

see p. 725



BEAM 2.7



Ø 80 mm
H 100 mm

Ø 45 mm

CE LED TECH III kg 0.47 I kg 0.25 A IP67 IK09
A A+ A++ IPS T max 60°C

2W 24Vdc single beam

CD2712 D I - Stainless steel
CD2712 D F - Grey
CD2712 D H - Anthracite

2W 24Vdc double beam

CD2721 D I - Stainless steel
CD2721 D F - Grey
CD2721 D H - Anthracite

■	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue
■	includes 1.5 m neoprene cable H05RN-F 2x0.35/0.75 Ø6.3 mm 1 - 5 m 2 - 10 m 3 - 15 m 4 - 20 m

radial

single beam: 145 lm (3000K)
double beam: 112 lm (3000K) per beam

single beam: 70 lm (3000K)
double beam: 51 lm (3000K) per beam

single beam: 1 power LED
double beam: 2 power LEDs
1/4 ANSI BIN (white LED colour)
50000h L90 B10 (Ta 25°C)

body in stainless steel or anodized aluminium
trim in stainless steel or aluminium
screen in sandblasted plexiglass

not included, see p. 341

parallel

recessed (wall, ground)

see p. 340

see p. 725

BEAM

ACCESSORIES AND POWER SUPPLY UNITS

ACCESSORIES FOR INSTALLATION



WC1501

Outer casing for solid walls

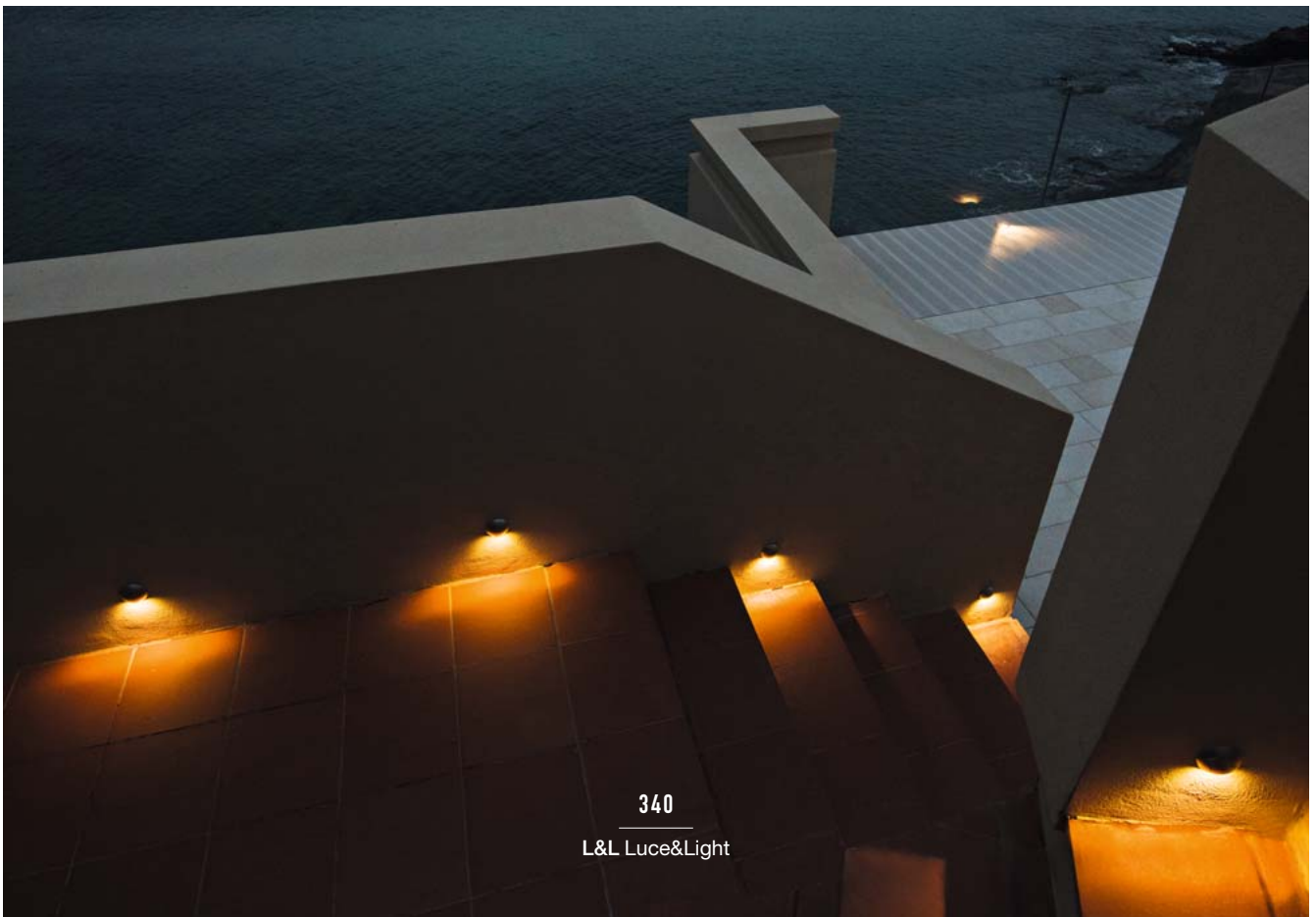
POWER CABLES

the choice of power cable is included in the configuration of the code for the lighting fixture

- 1 length 5 m
- 2 length 10 m
- 3 length 15 m
- 4 length 20 m

Neoprene cables

H05RN-F 2x0.35/0.75 Ø6.3 mm IPS



POWER SUPPLY UNITS Beam 2.0 / 2.1**350mA single beam**

Max no. fixtures	PSU	IP	Page
1/3	A13350VL	20	845
1/15	ACUNI020T1	20	844 845
3/9	A19350QL	20	845
5/12	A312350QL	20	845
1/12 dimmer	ADUNITC	20	848 849 850
2/6	A16350IP67	67	845
5/12	A312350IP67	67	845

500mA single beam

Max no. fixtures	PSU	IP	Page
1/3	A13500TC	20	845
2/5	A15500QL	20	845
5/10	A310500QL	20	845
1/12 dimmer	ADUNITC	20	848 849 850
1/4	A14500IP67	67	845
5/10	A310500IP67	67	845

350mA double beam

Max no. fixtures	PSU	IP	Page
1	A13350VL	20	845
1/7	ACUNI020T1	20	844 845
3/4	A19350QL	20	845
3/6	A312350QL	20	845
1/6 dimmer	ADUNITC	20	848 849 850
1/3	A16350IP67	67	845
3/6	A312350IP67	67	845

POWER SUPPLY UNITS Beam 2.6 / 2.7

Max no. fixtures	PSU	IP	Page
1...n	24Vdc	20	847
1...n	24Vdc	67	847

< **BEAM 2.0**

3000K, 2W, single beam, stainless steel

Project by / arch. Fernanda Cantone
 Light planning by / Light Style
 Castello Tafuri Charming Suites
 Portopalo di Capo Passero, Syracuse, Italy



BRIGHT

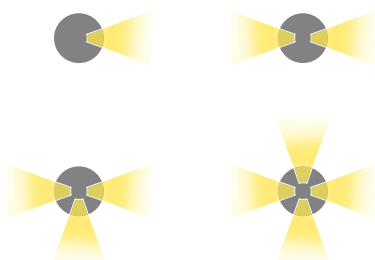
OUTDOOR STEP LIGHTS
ORIENTATION LIGHT

RADIAL OPTICS



2700K 3000K 4000K blue

Ø39 mm



BRIGHT 1.A p. 344
max 2W max 700mA
constant current



BRIGHT 1.B p. 344
2.5W / 3.5W 24Vdc
constant voltage

Ø78 mm



BRIGHT 4.7 p. 347
2W 24Vdc
constant voltage

Ø130 mm

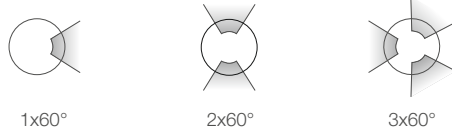
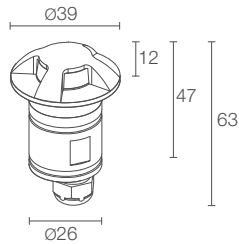


BRIGHT 9.7 p. 347
4W 24Vdc
constant voltage

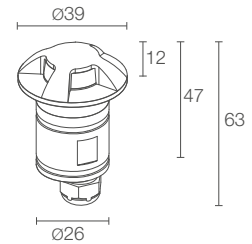
BRIGHT 1



BRIGHT 1.A



BRIGHT 1.B



POWER / POWER SUPPLY CODE max 2W max 700mA
CB1A130 ■ ■ T I - ■ Micro-blasted stainless steel

LED COLOUR
F - 2700K
5 - 3000K
9 - 4000K
1 - blue

BEAMS
R1 - 1x60°
R2 - 2x60°
R3 - 3x60°
R4 - 4x60°
R5 - 1x120°
R6 - 1x180°

POWER CABLES
includes 1.5 m neoprene cable H05RN-F 2x0.35/0.75 Ø6.3 mm
1 - 5 m
2 - 10 m
3 - 15 m
4 - 20 m

OPTICS radial

LUMEN OUTPUT AT SOURCE 220 lm (3000K, 700mA)

DELIVERED LUMEN OUTPUT 56 lm (3000K, 700mA, 4x60°)

NO. AND TYPE OF LED
1 power LED
1/4 ANSI BIN (white LED colour)
50000h L90 B10 (Ta 25°C)

MATERIAL body and trim in AISI 316L stainless steel

POWER SUPPLY UNIT not included, see p. 349 and 844

WIRING series

MOUNTING recessed (ceiling, wall, ground)

ACCESSORIES see p. 348

PHOTOMETRIC DATA see p. 737

2.5W 24Vdc
CB1B000 ■ ■ T I - ■ Micro-blasted stainless steel

3.5W 24Vdc
CB1B010 ■ ■ T I - ■ Micro-blasted stainless steel

LED COLOUR
F - 2700K
5 - 3000K
9 - 4000K
1 - blue

BEAMS
R1 - 1x60°
R2 - 2x60°
R3 - 3x60°
R4 - 4x60°
R5 - 1x120°
R6 - 1x180°

POWER CABLES
includes 1.5 m neoprene cable H05RN-F 2x0.35/0.75 Ø6.3 mm
1 - 5 m
2 - 10 m
3 - 15 m
4 - 20 m

OPTICS radial

LUMEN OUTPUT AT SOURCE 220 lm (3000K, 3.5W)

DELIVERED LUMEN OUTPUT 56 lm (3000K, 4x60°, 3.5W)

NO. AND TYPE OF LED
1 power LED
1/4 ANSI BIN (white LED colour)
50000h L90 B10 (Ta 25°C)

MATERIAL body and trim in AISI 316L stainless steel

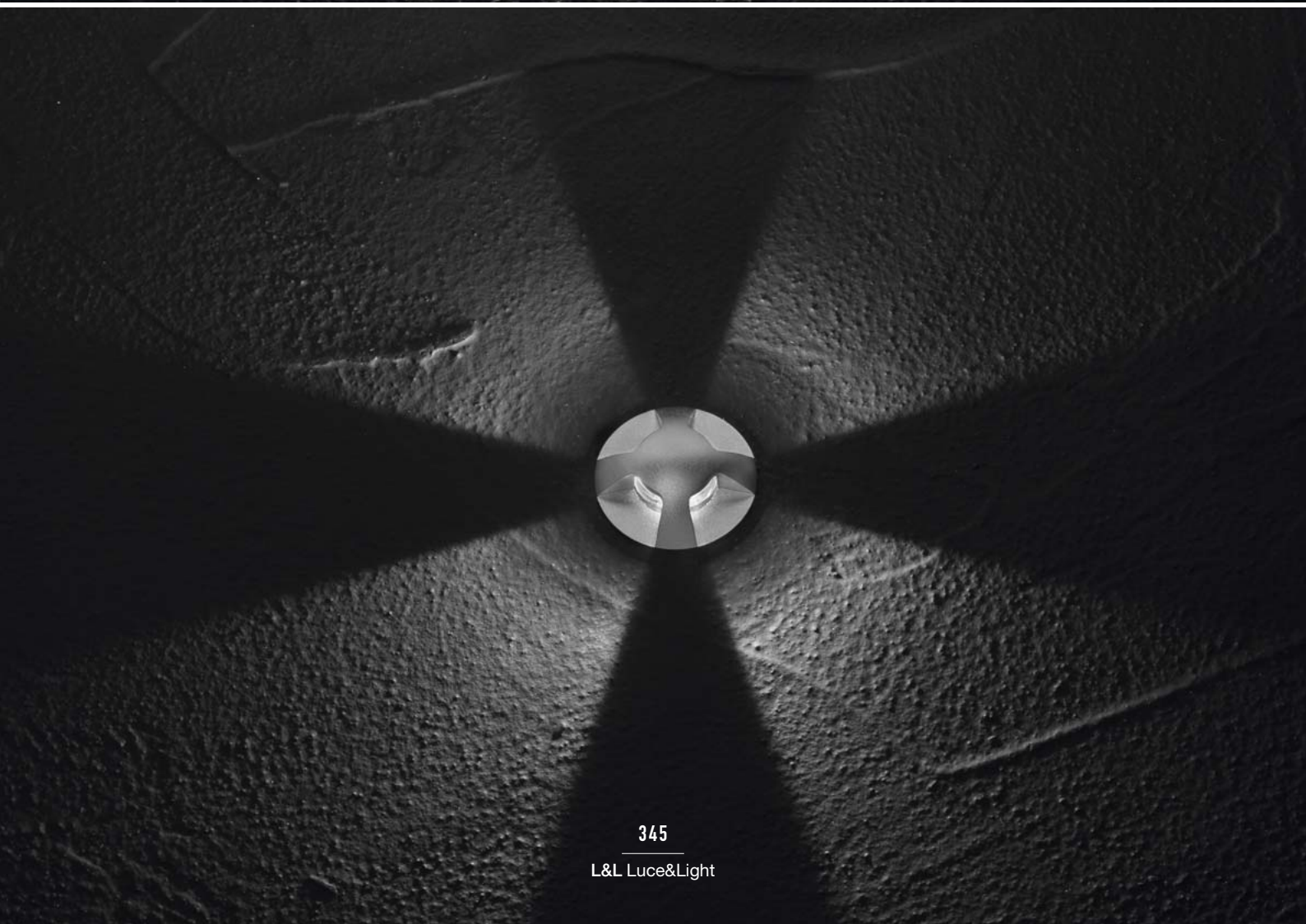
POWER SUPPLY UNIT not included, see p. 349

WIRING parallel

MOUNTING recessed (ceiling, wall, ground)

ACCESSORIES see p. 348

PHOTOMETRIC DATA see p. 737

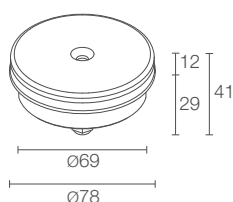




BRIGHT 4 / 9



BRIGHT 4.7



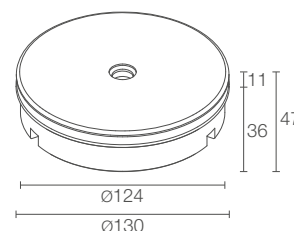
Required outer casing, not included



POWER / POWER SUPPLY CODE	2W 24Vdc CB47000 ■ R I - ■
■ LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 1 - blue
■ POWER CABLES	includes 1.5 m neoprene cable H05RN-F 2x0.35/0.75 Ø6.3 mm 1 - 5 m 2 - 10 m 3 - 15 m 4 - 20 m
OPTICS	radial
LUMEN OUTPUT AT SOURCE	96 lm (3000K)
DELIVERED LUMEN OUTPUT	70 lm (3000K)
NO. AND TYPE OF LED	24 side-emitting LEDs 3-step MacAdam (white LED colour) 50000h L90 B10 (Ta 25°C)
MATERIAL	body in anodized aluminium trim in AISI 316L stainless steel screen in PMMA
POWER SUPPLY UNIT	not included, see p. 349
MOUNTING	recessed (ground)
ACCESSORIES	see p. 348
NOTES	not suitable for use in swimming pools or fountains underwater fixtures p. 682 tamper-resistant kit available on request
PHOTOMETRIC DATA	see p. 737



BRIGHT 9.7



Required outer casing, not included



POWER / POWER SUPPLY CODE	4W 24Vdc CB97000 ■ R I - ■
■ LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 1 - blue
■ POWER CABLES	includes 1.5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm 1 - 5 m 2 - 10 m 3 - 15 m 4 - 20 m
OPTICS	radial
LUMEN OUTPUT AT SOURCE	192 lm (3000K)
DELIVERED LUMEN OUTPUT	164 lm (3000K)
NO. AND TYPE OF LED	48 side-emitting LEDs 3-step MacAdam (white LED colour) 50000h L90 B10 (Ta 25°C)
MATERIAL	body in anodized aluminium trim in AISI 316L stainless steel screen in PMMA
POWER SUPPLY UNIT	not included, see p. 349
MOUNTING	recessed (ground)
ACCESSORIES	see p. 348
NOTES	tamper-resistant kit available on request
PHOTOMETRIC DATA	see p. 737

< **BRIGHT 9.7**
customized version
5000K, 9W

Project by / Dunsy Gindi
Light planning by / Ailon Gavish Studio Twilight
Photo by / Omri Amsalem
Villa, Caesarea, Israel

BRIGHT

ACCESSORIES AND POWER SUPPLY UNITS

ACCESSORIES FOR INSTALLATION



POWER CABLES

the choice of power cable is included in the configuration of the code for the lighting fixture

- 1 length 5 m
- 2 length 10 m
- 3 length 15 m
- 4 length 20 m

Neoprene cables
H05RN-F 2x0.35/0.75 Ø6.3 mm IPS

Neoprene cables
H05RN-F 2x0.75/0.75 Ø6.3 mm IPS

POWER SUPPLY UNITS Bright 1.A**350mA**

Max no. fixtures	PSU	IP	Page
1/3	A13350VL	20	845
1/15	ACUNI020T1	20	844 845
3/9	A19350QL	20	845
5/12	A312350QL	20	845
1/12 dimmer	ADUNITC	20	848 849 850
2/6	A16350IP67	67	845
5/12	A312350IP67	67	845

500mA

Max no. fixtures	PSU	IP	Page
1/3	A13500TC	20	845
1/10	ACUNI020T1	20	844 845
2/5	A15500QL	20	845
5/10	A310500QL	20	845
1/12 dimmer	ADUNITC	20	848 849 850
1/4	A14500IP67	67	845
5/10	A310500IP67	67	845

700mA

Max no. fixtures	PSU	IP	Page
1/3	A13700QL	20	845
1/7 dimmer	ADUNITC	20	848 849 850
1/7	ACUNI020T1	20	844 845
1/3	A13700IP67	67	845
1/9	A39700IP67	67	845

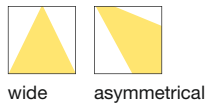
POWER SUPPLY UNITS Bright 1.B / 4.7 / 9.7

Max no. fixtures	PSU	IP	Page
1...n	24Vdc	20	847
1...n	24Vdc	67	847



PASITO

OUTDOOR STEP LIGHTS
WIDE SPACING BETWEEN FIXTURES ON PATHS



6W 230Vac
5W 24Vdc

8W/10W 230Vac
6W/8.5W 24Vdc

RECESSED, FLUSH

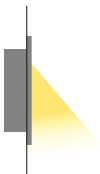


PASITO MINI 1.0 p. 354



PASITO 1.0 p. 356

RECESSED, WITH FRAME



PASITO MINI 1.1 p. 355



PASITO 1.1 p. 357

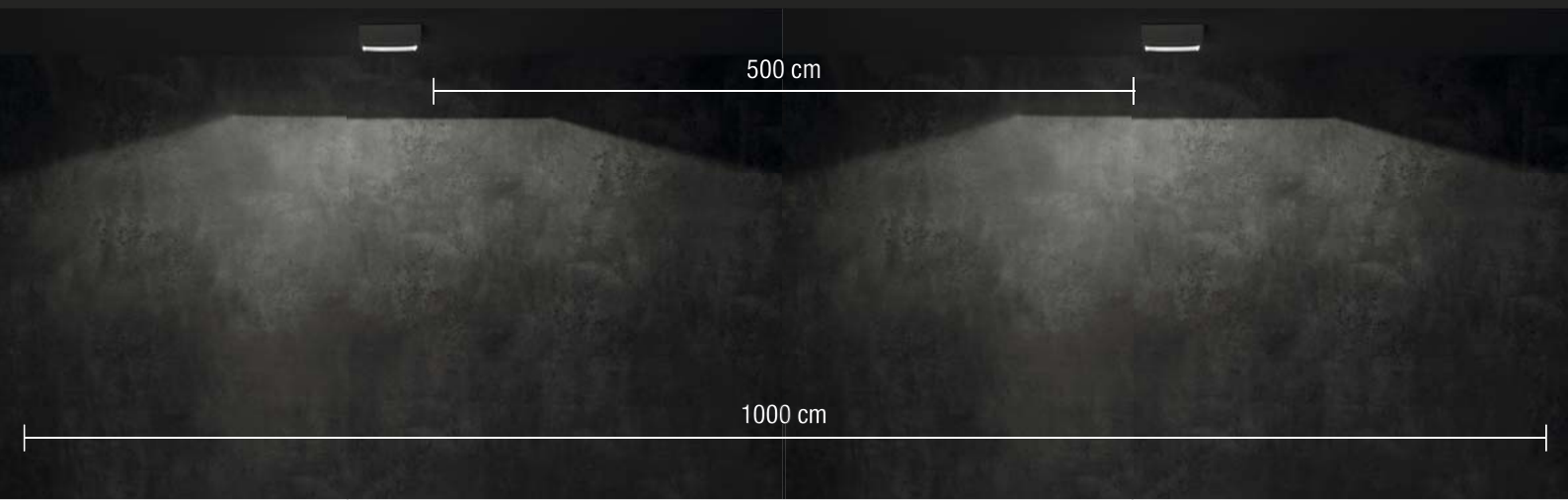
SURFACE MOUNTED



PASITO MINI 1.2 p. 355



PASITO 1.2 p. 357



THE 150°X90° ASYMMETRICAL OPTICS MEAN THE FIXTURES CAN BE POSITIONED 5 METRES APART: THIS REDUCES THE NUMBER OF STEP LIGHTS NEEDED TO GUARANTEE LIGHT UNIFORMITY ON LONG PATHWAYS. INSTALLATION HEIGHT 80 CM.



RECESSED INSTALLATION, FLUSH: PASITO DISAPPEARS INTO THE WALL, LEAVING ONLY ITS LIGHT OUTPUT VISIBLE.



RECESSED INSTALLATION, WITH FRAME



SURFACE INSTALLATION

PASITO MINI 1.1 AND PASITO 1.1 CAN BE INSTALLED ON PLASTERBOARD USING THE SPRINGS PROVIDED, WITHOUT THE NEED FOR AN OUTER CASING



IP65
SUITABLE FOR OUTDOOR APPLICATIONS



RAL FINISH
ON REQUEST



BUILT-IN PROTECTION SYSTEMS:
IPS
INTELLIGENT PROTECTION SYSTEM



6-STEP MATERIAL PROTECTION,
AND OXIDATION AND
CORROSION RESISTANCE
Low-copper-content anticorrosive aluminium alloy 6060
Preparation for painting with ALODINE NT-E® coating
Epoxy paint
Polyester paint
Paints compliant with Qualicoat automotive coating standard
Salt spray tested (over 1500 hours)



PASITO

UNIQUE SELLING POINTS



ANTHRACITE



WHITE



COR-TEN



GREY



THE CONTROLLED DOWNWARD
BEAM REDUCES LIGHT
SPILL TO A MINIMUM

CRI 80 AND CRI >90
VERSIONS



PASITO IS AVAILABLE WITH A BUILT-IN 230VAC
POWER SUPPLY SO THAT THE FIXTURE CAN BE
CONNECTED DIRECTLY TO THE MAINS POWER
WITHOUT THE NEED FOR REMOTE DRIVERS

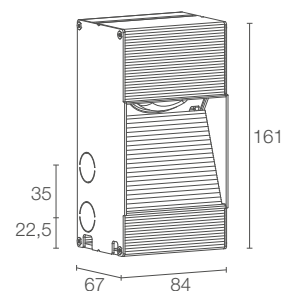
BODY IN LOW-COPPER-CONTENT ANTICORODAL 6060
ALUMINIUM FOR EXCELLENT RESISTANCE TO CORROSION
AND BETTER HEAT DISSIPATION. (PASITO MINI 1.0 AND PASITO 1.0)
BODY IN TECHNO-POLYMER FOR HIGH RESISTANCE TO IMPACT AND
SUB-ZERO TEMPERATURES (PASITO MINI 1.1 / 1.2 AND PASITO 1.1 / 1.2)
THE HEAT SINK IN BLACK ANODIZED ALUMINIUM
OPTIMIZES HEAT DISSIPATION AND GUARANTEES
THE LONG LIFE OF THE LED LIGHT SOURCE

PASITO MINI

- ▼
- PASITO MINI 1.0
recessed installation, flush
- PASITO MINI 1.1
recessed installation, with frame
- PASITO MINI 1.2
surface installation



PASITO MINI 1.0



Power supply unit included in the 230Vac version
Required outer casing, not included



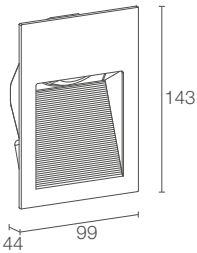
POWER / POWER SUPPLY CODE

- 6W 230Vac
PM1010 000 0 0 E White
PM1010 000 0 0 F Grey
PM1010 000 0 0 H Anthracite
PM1010 000 0 0 T Cor-ten
- 5W 24Vdc
PM1000 000 0 0 E White
PM1000 000 0 0 F Grey
PM1000 000 0 0 H Anthracite
PM1000 000 0 0 T Cor-ten

CRI	0 - CRI 80 1 - CRI >90
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	A - asymmetrical, 150°x90° B - 60°
LUMEN OUTPUT AT SOURCE	383 lm (3000K, CRI 80)
DELIVERED LUMEN OUTPUT	214 lm (3000K, 150°x90°, CRI 80, white finish)
NO. AND TYPE OF LED	1 high-intensity power LED 1/4 ANSI BIN, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in anticorodal aluminium
POWER SUPPLY UNIT	230Vac: included 24Vdc: not included, see p. 847
POWER CABLES	230Vac: includes 0.20 m neoprene cable H05RN-F 2x1.00 Ø7.0 mm 24Vdc: includes 0.30 m neoprene cable H05RN-F 2x0.35/0.75 Ø6.3 mm
MOUNTING	recessed, flush (wall)
ACCESSORIES	see p. 358
PHOTOMETRIC DATA	see p. 796



PASITO MINI 1.1



Power supply unit included in the 230Vac version



85x125 mm



6W 230Vac

PM1110 E White
 PM1110 F Grey
 PM1110 H Anthracite
 PM1110 T Cor-ten

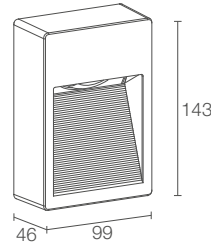
5W 24Vdc

PM1100 E White
 PM1100 F Grey
 PM1100 H Anthracite
 PM1100 T Cor-ten

	0 - CRI 80 1 - CRI >90
	F - 2700K 5 - 3000K 9 - 4000K
	A - asymmetrical, 150°x90° B - 60°
383 lm (3000K, CRI 80)	
214 lm (3000K, 150°x90°, CRI 80, white finish)	
1 high-intensity power LED 1/4 ANSI BIN, 50000h L90 B10 (Ta 25°C)	
body in technopolymer and aluminium	
230Vac: included 24Vdc: not included, see p. 847	
230Vac: includes 0.20 m neoprene cable H05RN-F 2x1.00 Ø7.0 mm 24Vdc: includes 0.30 m neoprene cable H05RN-F 2x0.35/0.75 Ø6.3 mm	
recessed, with frame (wall)	
see p. 358	
see p. 796	



PASITO MINI 1.2



Power supply unit included in the 230Vac version



85x125 mm



6W 230Vac

PM1210 E White
 PM1210 F Grey
 PM1210 H Anthracite
 PM1210 T Cor-ten

5W 24Vdc

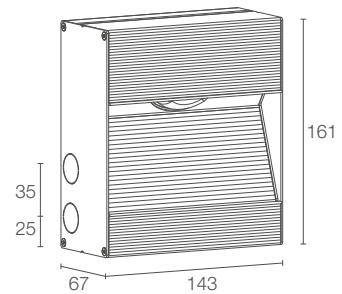
PM1200 E White
 PM1200 F Grey
 PM1200 H Anthracite
 PM1200 T Cor-ten

	0 - CRI 80 1 - CRI >90
	F - 2700K 5 - 3000K 9 - 4000K
	A - asymmetrical, 150°x90° B - 60°
383 lm (3000K, CRI 80)	
214 lm (3000K, 150°x90°, CRI 80, white finish)	
1 high-intensity power LED 1/4 ANSI BIN, 50000h L90 B10 (Ta 25°C)	
body in technopolymer and aluminium	
230Vac: included 24Vdc: not included, see p. 847	
230Vac: includes 0.20 m neoprene cable H05RN-F 2x1.00 Ø7.0 mm 24Vdc: includes 0.30 m neoprene cable H05RN-F 2x0.35/0.75 Ø6.3 mm	
surface mounted (wall)	
none	
see p. 796	

PASITO



PASITO 1.0



Power supply unit included in the 230Vac version
Required outer casing, not included

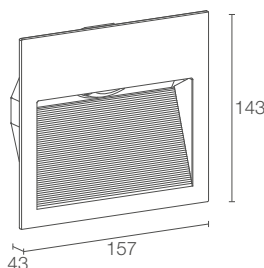


POWER / POWER SUPPLY CODE	10W 230Vac
	PA1010 E White
	PA1010 F Grey
	PA1010 H Anthracite
	PA1010 T Cor-ten
	8.5W 24Vdc
	PA1000 E White
	PA1000 F Grey
	PA1000 H Anthracite
	PA1000 T Cor-ten

CRI	0 - CRI 80 1 - CRI >90
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	A - asymmetrical, 150°x90° B - 60°
LUMEN OUTPUT AT SOURCE	851 lm (3000K, CRI 80)
DELIVERED LUMEN OUTPUT	390 lm (3000K, 150°x90°, CRI 80, white finish)
NO. AND TYPE OF LED	1 high-intensity power LED 3-step MacAdam, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in anticorodal aluminium
POWER SUPPLY UNIT	230Vac: included 24Vdc: not included, see p. 847
POWER CABLES	230Vac: includes 0.20 m neoprene cable H05RN-F 2x1.00 Ø7.0 mm 24Vdc: includes 0.30 m neoprene cable H05RN-F 2x0.35/0.75 Ø6.3 mm
MOUNTING	recessed, flush (wall)
ACCESSORIES	see p. 358
PHOTOMETRIC DATA	see p. 796 and 797



PASITO 1.1



Power supply unit included in the 230Vac version



8W 230Vac

- PA1110 E White
- PA1110 F Grey
- PA1110 H Anthracite
- PA1110 T Cor-ten

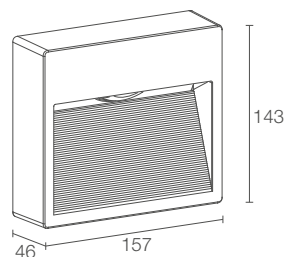
6W 24Vdc

- PA1100 E White
- PA1100 F Grey
- PA1100 H Anthracite
- PA1100 T Cor-ten

0 - CRI 80 1 - CRI >90
F - 2700K 5 - 3000K 9 - 4000K
A - asymmetrical, 150°x90° B - 60°
851 lm (3000K, CRI 80)
364 lm (3000K, 150°x90°, CRI 80, white finish)
1 high-intensity power LED 3-step MacAdam, 50000h L90 B10 (Ta 25°C)
body in technopolymer and aluminium
230Vac: included 24Vdc: not included, see p. 847
230Vac: includes 0.20 m neoprene cable H05RN-F 2x1.00 Ø7.0 mm 24Vdc: includes 0.30 m neoprene cable H05RN-F 2x0.35/0.75 Ø6.3 mm
recessed, with frame (wall)
see p. 358
see p. 797



PASITO 1.2



Power supply unit included in the 230Vac version



8W 230Vac

- PA1210 E White
- PA1210 F Grey
- PA1210 H Anthracite
- PA1210 T Cor-ten

6W 24Vdc

- PA1200 E White
- PA1200 F Grey
- PA1200 H Anthracite
- PA1200 T Cor-ten

0 - CRI 80 1 - CRI >90
F - 2700K 5 - 3000K 9 - 4000K
A - asymmetrical, 150°x90° B - 60°
851 lm (3000K, CRI 80)
364 lm (3000K, 150°x90°, CRI 80, white finish)
1 high-intensity power LED 3-step MacAdam, 50000h L90 B10 (Ta 25°C)
body in technopolymer and aluminium
230Vac: included 24Vdc: not included, see p. 847
230Vac: includes 0.20 m neoprene cable H05RN-F 2x1.00 Ø7.0 mm 24Vdc: includes 0.30 m neoprene cable H05RN-F 2x0.35/0.75 Ø6.3 mm
surface mounted (wall)
none
see p. 797

PASITO

ACCESSORIES

ACCESSORIES FOR INSTALLATION



WC1420
Outer casing for solid walls
(Pasito Mini 1.1)



WC1430
Outer casing for solid walls
(Pasito 1.1)



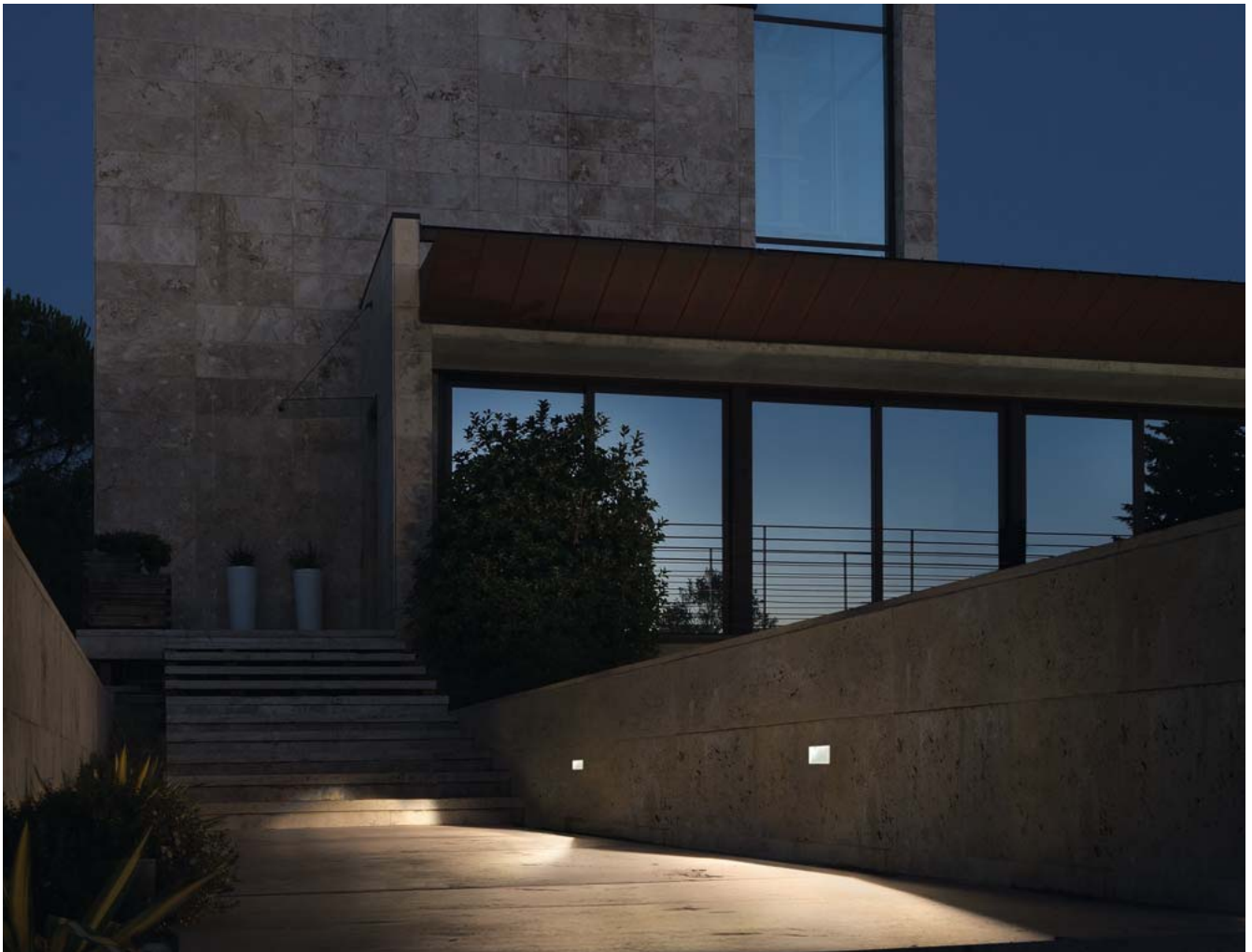
WCA00E - White
WCA00F - Grey
WCA00H - Anthracite
WCA00T - Cor-ten
Outer casing
(Pasito Mini 1.0)



WC1410E - White
WC1410F - Grey
WC1410H - Anthracite
WC1410T - Cor-ten
Outer casing
(Pasito 1.0)

3000K, 10W, asymmetrical 150°x90°
grey, distance between fixtures: 3.5 m

PASITO 1.0

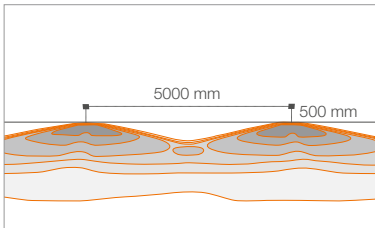




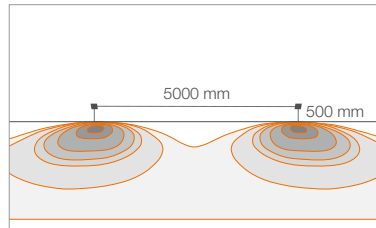
POSITIONING DIAGRAMS

PASITO MINI 1.0 / 1.1 / 1.2

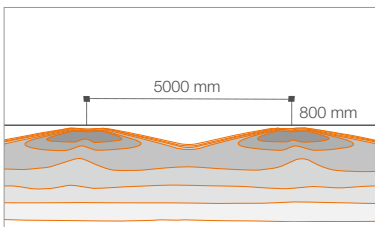
A - Asymmetrical 150°x90°



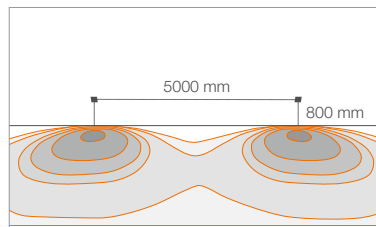
B - 60°



A - Asymmetrical 150°x90°

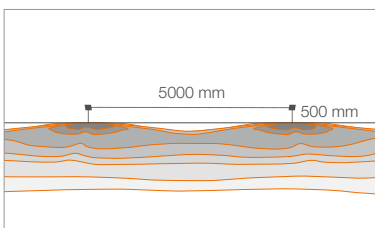


B - 60°

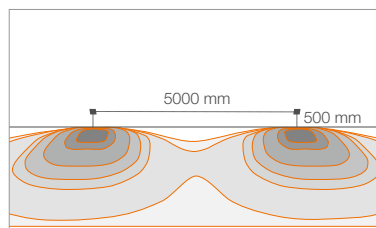


PASITO 1.0 / 1.1 / 1.2

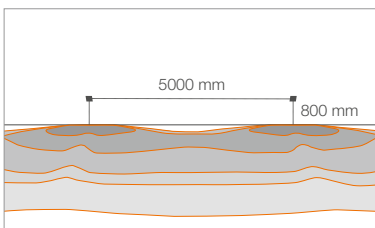
A - Asymmetrical 150°x90°



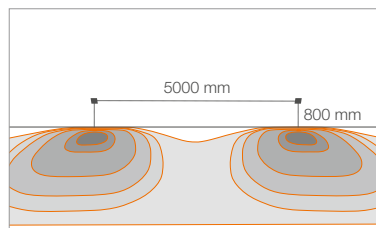
B - 60°



A - Asymmetrical 150°x90°



B - 60°





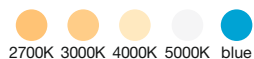
STEP OUTSIDE

OUTDOOR STEP LIGHTS
ORIENTATION LIGHT AND LIGHTING FOR WALKWAYS AND STEPS

SQUARE COVER

ROUND COVER

SEMI-RECESSED



2700K 3000K 4000K 5000K blue



STEP OUTSIDE 2.0 p. 362

max 2W max 500mA
constant current

STEP OUTSIDE 2.6 p. 363

2W 24Vdc
constant voltage



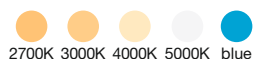
STEP OUTSIDE 2.1 p. 362

max 2W max 500mA
constant current

STEP OUTSIDE 2.7 p. 363

2W 24Vdc
constant voltage

RECESSED CONSTANT CURRENT



2700K 3000K 4000K 5000K blue



STEP OUTSIDE 6.1 p. 366

max 2W max 500mA



STEP OUTSIDE 6.2 p. 367

max 2W max 500mA



STEP OUTSIDE 6.3 p. 367

max 2W max 500mA



STEP OUTSIDE 5.1 p. 365

max 2W max 500mA



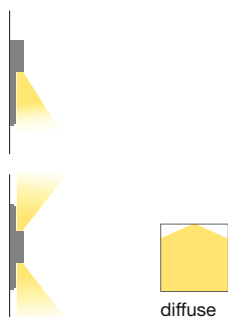
STEP OUTSIDE 5.2 p. 365

max 2W max 500mA

SURFACE MOUNTED CONSTANT VOLTAGE



3000K 4000K 5000K



STEP OUTSIDE 7.0 p. 369

3.5W 24Vdc



STEP OUTSIDE 8.0 p. 369

3.5W 24Vdc

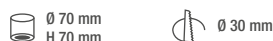
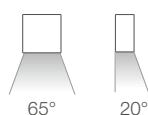
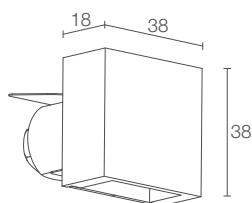
< STEP OUTSIDE 6.2
3000K, 2W, satin

Light planning by / ZKLD Light Design Studio
Project by / Hakan Kiran Architecture
Nurol Life, Istanbul, Turkey

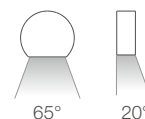
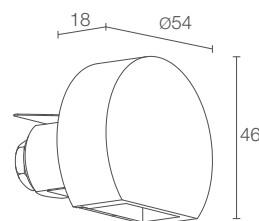
STEP OUTSIDE 2



STEP OUTSIDE 2.0



STEP OUTSIDE 2.1

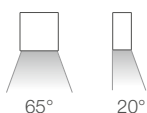
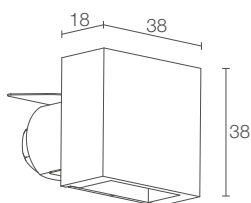


POWER / POWER SUPPLY CODE	max 2W max 500mA SP2012 ■ D A E - ■ White SP2012 ■ D A N - ■ Black SP2012 ■ D A T - ■ Cor-ten
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 2x0.35/0.75 Ø6.3 mm 1 - 5 m 2 - 10 m 3 - 15 m 4 - 20 m
OPTICS	diffuse
LUMEN OUTPUT AT SOURCE	145 lm (3000K, 500mA)
DELIVERED LUMEN OUTPUT	35 lm (3000K, 500mA)
NO. AND TYPE OF LED	1 power LED 1/4 ANSI BIN (white LED colour) 50000h L90 B10 (Ta 25°C)
MATERIAL	body and cover in aluminium screen in transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 370 and 844
WIRING	series
MOUNTING	semi-recessed (wall)
ACCESSORIES	see p. 370
NOTES	indoor version: Step Inside 2.2, p. 664
PHOTOMETRIC DATA	see p. 822

POWER / POWER SUPPLY CODE	max 2W max 500mA SP2112 ■ D A E - ■ White SP2112 ■ D A N - ■ Black SP2112 ■ D A T - ■ Cor-ten
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 2x0.35/0.75 Ø6.3 mm 1 - 5 m 2 - 10 m 3 - 15 m 4 - 20 m
OPTICS	diffuse
LUMEN OUTPUT AT SOURCE	145 lm (3000K, 500mA)
DELIVERED LUMEN OUTPUT	35 lm (3000K, 500mA)
NO. AND TYPE OF LED	1 power LED 1/4 ANSI BIN (white LED colour) 50000h L90 B10 (Ta 25°C)
MATERIAL	body and cover in aluminium screen in transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 370 and 844
WIRING	series
MOUNTING	semi-recessed (wall)
ACCESSORIES	see p. 370
NOTES	indoor version: Step Inside 2.3, p. 664
PHOTOMETRIC DATA	see p. 822



STEP OUTSIDE 2.6

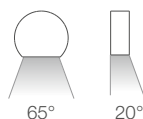
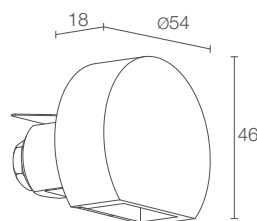


2W 24Vdc
SP2600 ■ **D E** - ■ White
SP2600 ■ **D N** - ■ Black
SP2600 ■ **D T** - ■ Cor-ten

■	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue
■	includes 1.5 m neoprene cable H05RN-F 2x0.35/0.75 Ø6.3 mm 1 - 5 m 2 - 10 m 3 - 15 m 4 - 20 m
	diffuse
	145 lm (3000K)
	35 lm (3000K)
	1 power LED 1/4 ANSI BIN (white LED colour) 50000h L90 B10 (Ta 25°C)
	body and cover in aluminium screen in transparent extra-clear glass
	not included, see p. 370
	parallel
	semi-recessed (wall)
	see p. 370
	indoor version: Step Inside 2.8, p. 665
	see p. 822



STEP OUTSIDE 2.7



2W 24Vdc
SP2700 ■ **D E** - ■ White
SP2700 ■ **D N** - ■ Black
SP2700 ■ **D T** - ■ Cor-ten

■	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue
■	includes 1.5 m neoprene cable H05RN-F 2x0.35/0.75 Ø6.3 mm 1 - 5 m 2 - 10 m 3 - 15 m 4 - 20 m
	diffuse
	145 lm (3000K)
	35 lm (3000K)
	1 power LED 1/4 ANSI BIN (white LED colour) 50000h L90 B10 (Ta 25°C)
	body and cover in aluminium screen in transparent extra-clear glass
	not included, see p. 370
	parallel
	semi-recessed (wall)
	see p. 370
	indoor version: Step Inside 2.9, p. 665
	see p. 822



< STEP OUTSIDE 5.2

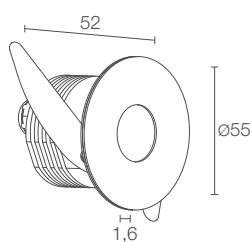
3000K, 2W, customized version
with anthracite finish

Project by / arch. Fernanda Cantone
Light planning by / Light Style
Castello Tafuri Charming Suites
Portopalo di Capo Passero, Syracuse, Italy

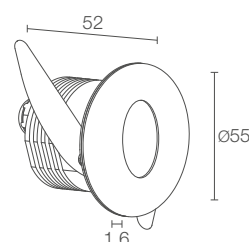
STEP OUTSIDE 5



STEP OUTSIDE 5.1



STEP OUTSIDE 5.2



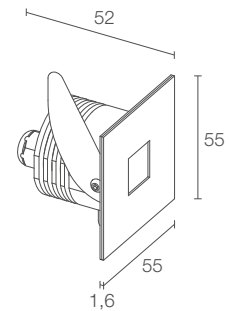
POWER / POWER SUPPLY CODE	max 2W max 500mA SP5112 AAE - White SP5112 AAS - Satin SP5112 AAN - Black SP5112 AAT - Cor-ten
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 2x0.35/0.75 Ø6.3 mm 1 - 5 m 2 - 10 m 3 - 15 m 4 - 20 m
OPTICS	asymmetrical
LUMEN OUTPUT AT SOURCE	145 lm (3000K, 500mA)
DELIVERED LUMEN OUTPUT	34 lm (3000K, 500mA)
NO. AND TYPE OF LED	1 power LED 1/4 ANSI BIN (white LED colour) 50000h L90 B10 (Ta 25°C)
MATERIAL	body in aluminium, cover in stainless steel screen in transparent plexiglass
POWER SUPPLY UNIT	not included, see p. 370 and 844
WIRING	series
MOUNTING	recessed (wall)
ACCESSORIES	see p. 370
PHOTOMETRIC DATA	see p. 822

POWER / POWER SUPPLY CODE	max 2W max 500mA SP5212 AAE - White SP5212 AAS - Satin SP5212 AAN - Black SP5212 AAT - Cor-ten
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 2x0.35/0.75 Ø6.3 mm 1 - 5 m 2 - 10 m 3 - 15 m 4 - 20 m
OPTICS	asymmetrical
LUMEN OUTPUT AT SOURCE	145 lm (3000K, 500mA)
DELIVERED LUMEN OUTPUT	42 lm (3000K, 500mA)
NO. AND TYPE OF LED	1 power LED 1/4 ANSI BIN (white LED colour) 50000h L90 B10 (Ta 25°C)
MATERIAL	body in aluminium, cover in stainless steel screen in transparent plexiglass
POWER SUPPLY UNIT	not included, see p. 370 and 844
WIRING	series
MOUNTING	recessed (wall)
ACCESSORIES	see p. 370
PHOTOMETRIC DATA	see p. 822

STEP OUTSIDE 6



STEP OUTSIDE 6.1



Ø 70 mm
H 90 mm

Ø 45 mm

CE LED III kg 0.24 IP65
A A+ A++ IPS

✓
STEP OUTSIDE 6.3
3000K, 2W, satin
SPOT 1.0
3000K, 2W, 20°
Private residence, Positano, Salerno, Italy



POWER / POWER SUPPLY CODE max 2W max 500mA
SP6112 A A E - White
SP6112 A A S - Satin
SP6112 A A N - Black
SP6112 A A T - Cor-ten

LED COLOUR F - 2700K
 5 - 3000K
 9 - 4000K
 0 - 5000K
 1 - blue

POWER CABLES includes 1.5 m neoprene cable
 H05RN-F 2x0.35/0.75 Ø6.3 mm
 1 - 5 m
 2 - 10 m
 3 - 15 m
 4 - 20 m

OPTICS asymmetrical

LUMEN OUTPUT AT SOURCE 145 lm (3000K, 500mA)

DELIVERED LUMEN OUTPUT 29 lm (3000K, 500mA)

NO. AND TYPE OF LED 1 power LED
 1/4 ANSI BIN (white LED colour)
 50000h L90 B10 (Ta 25°C)

MATERIAL body in aluminium, cover in stainless steel
 screen in transparent plexiglass

POWER SUPPLY UNIT not included, see p. 370 and 844

WIRING series

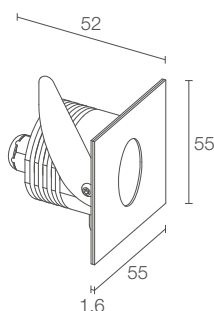
MOUNTING recessed (wall)

ACCESSORIES see p. 370

PHOTOMETRIC DATA see p. 822



STEP OUTSIDE 6.2



max 2W max 500mA
SP6212 ■ **AAE** - ■ White
SP6212 ■ **AA S** - ■ Satin
SP6212 ■ **AA N** - ■ Black
SP6212 ■ **AA T** - ■ Cor-ten

■	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue
■	includes 1.5 m neoprene cable H05RN-F 2x0.35/0.75 Ø6.3 mm 1 - 5 m 2 - 10 m 3 - 15 m 4 - 20 m

asymmetrical

145 lm (3000K, 500mA)

42 lm (3000K, 500mA)

1 power LED
1/4 ANSI BIN (white LED colour)
50000h L90 B10 (Ta 25°C)

body in aluminium, cover in stainless steel
screen in transparent plexiglass

not included, see p. 370 and 844

series

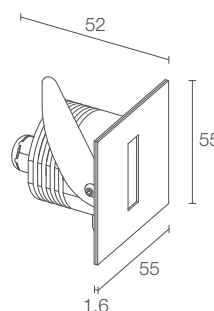
recessed (wall)

see p. 370

see p. 822



STEP OUTSIDE 6.3



max 2W max 500mA
SP6312 ■ **AAE** - ■ White
SP6312 ■ **AA S** - ■ Satin
SP6312 ■ **AA N** - ■ Black
SP6312 ■ **AA T** - ■ Cor-ten

■	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue
■	includes 1.5 m neoprene cable H05RN-F 2x0.35/0.75 Ø6.3 mm 1 - 5 m 2 - 10 m 3 - 15 m 4 - 20 m

asymmetrical

145 lm (3000K, 500mA)

25 lm (3000K, 500mA)

1 power LED
1/4 ANSI BIN (white LED colour)
50000h L90 B10 (Ta 25°C)

body in aluminium, cover in stainless steel
screen in transparent plexiglass

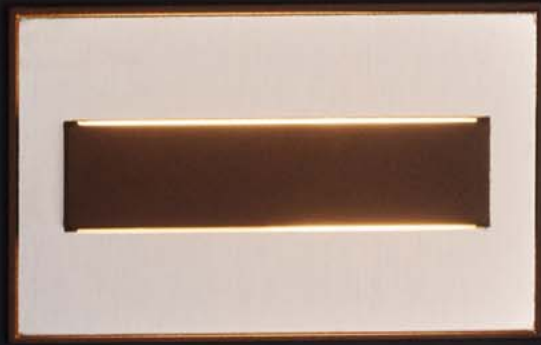
not included, see p. 370 and 844

series

recessed (wall)

see p. 370

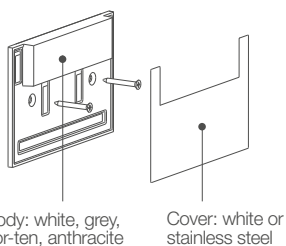
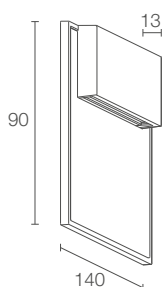
see p. 822



STEP OUTSIDE 7 / 8



STEP OUTSIDE 7.0



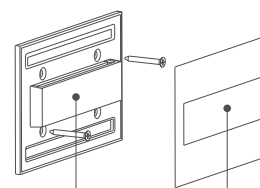
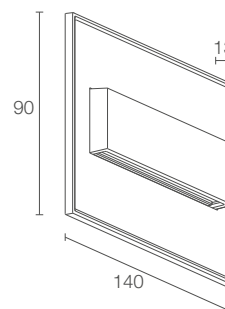
Body: white, grey, cor-ten, anthracite
Cover: white or stainless steel



kg 0.20 IP65



STEP OUTSIDE 8.0



Body: white, grey, cor-ten, anthracite
Cover: white or stainless steel



kg 0.22 IP65

POWER / POWER SUPPLY CODE

3.5W 24Vdc
SP7000 **A W** White-White
SP7000 **A E** White-Stainless steel
SP7000 **A F** Grey-Stainless steel
SP7000 **A H** Anthracite-Stainless steel
SP7000 **A T** Cor-ten-Stainless steel

LED COLOUR

5 - 3000K
 9 - 4000K
 0 - 5000K

OPTICS

diffuse

LUMEN OUTPUT AT SOURCE

107 lm (3000K)

DELIVERED LUMEN OUTPUT

20 lm (3000K)

NO. AND TYPE OF LED

1 power LED
 1/4 ANSI BIN, 50000h L90 B10 (Ta 25°C)

MATERIAL

body in die-cast aluminium
 screen in transparent polycarbonate

POWER SUPPLY UNIT

not included, see p. 370

POWER CABLES

includes 2x0.30 m single-core cables

MOUNTING

surface mounted (wall)

ACCESSORIES

see p. 370

PHOTOMETRIC DATA

see p. 823

POWER / POWER SUPPLY CODE

3.5W 24Vdc
SP8000 **A W** White-White
SP8000 **A E** White-Stainless steel
SP8000 **A F** Grey-Stainless steel
SP8000 **A H** Anthracite-Stainless steel
SP8000 **A T** Cor-ten-Stainless steel

LED COLOUR

5 - 3000K
 9 - 4000K
 0 - 5000K

OPTICS

diffuse

LUMEN OUTPUT AT SOURCE

107 lm (3000K) per beam

DELIVERED LUMEN OUTPUT

8 lm (3000K) per beam

NO. AND TYPE OF LED

1 power LED
 1/4 ANSI BIN, 50000h L90 B10 (Ta 25°C)

MATERIAL

body in die-cast aluminium
 screen in transparent polycarbonate

POWER SUPPLY UNIT

not included, see p. 370

POWER CABLES

includes 2x0.30 m single-core cables

MOUNTING

surface mounted (wall)

ACCESSORIES

see p. 370

PHOTOMETRIC DATA

see p. 823

STEP OUTSIDE

ACCESSORIES AND POWER SUPPLY UNITS

ACCESSORIES FOR INSTALLATION



WC0202

Outer casing for solid walls
(Step Outside 2.0 / 2.1 / 2.6 / 2.7)



WC1501

Outer casing for solid walls
(Step Outside 5.1 / 5.2 / 6.1 / 6.2 / 6.3)



WC0301

Optional outer casing
(Step Outside 7.0 / 8.0)

POWER CABLES Step Outside 2.0 / 2.1 / 2.6 / 2.7 / 5.1 / 5.2 / 6.1 / 6.2 / 6.3

the choice of power cable is included in the configuration of the code for the lighting fixture

- 1 length 5 m
- 2 length 10 m
- 3 length 15 m
- 4 length 20 m

Neoprene cables
H05RN-F 2x0.35/0.75 Ø6.3 mm IPS

POWER SUPPLY UNITS Step Outside 2.0 / 2.1 / 5.1 / 5.2 / 6.1 / 6.2 / 6.3

350mA

Max no. fixtures	PSU	IP	Page
1/3	A13350VL	20	845
1/15	ACUNI020T1	20	844 845
3/9	A19350QL	20	845
5/12	A312350QL	20	845
1/12 dimmer	ADUNITC	20	848 849 850
2/6	A16350IP67	67	845
5/12	A312350IP67	67	845

500mA

Max no. fixtures	PSU	IP	Page
1/3	A13500TC	20	845
1/10	ACUNI020T1	20	844 845
2/5	A15500QL	20	845
5/10	A310500QL	20	845
1/12 dimmer	ADUNITC	20	848 849 850
1/4	A14500IP67	67	845
5/10	A310500IP67	67	845

POWER SUPPLY UNITS Step Outside 2.6 / 2.7 / 7.0 / 8.0

Max no. fixtures	PSU	IP	Page
1...n	24Vdc	20	847
1...n	24Vdc	67	847

STEP OUTSIDE 5.2 >
3000K, 2W, customized version with anthracite finish

Project by / arch. Fernanda Cantone
Light planning by / Light Style
Castello Tafuri Charming Suites
Portopalo di Capo Passero, Syracuse, Italy

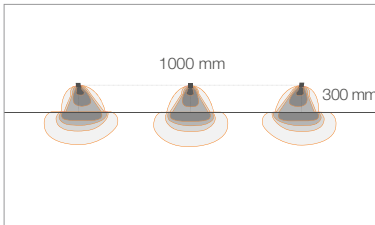
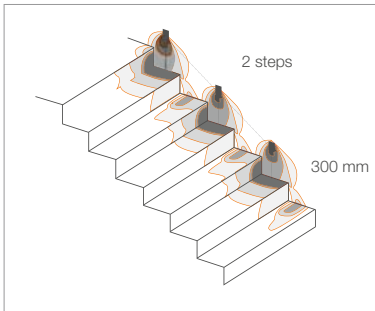


STEP OUTSIDE

POSITIONING DIAGRAMS

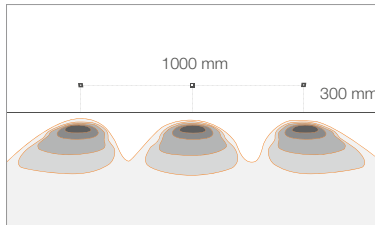
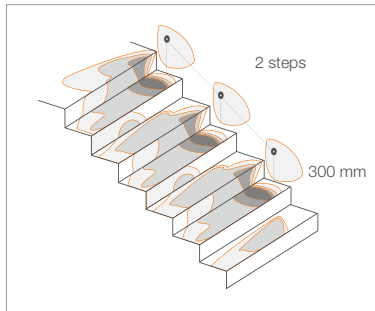
STEP OUTSIDE 2.0 / 2.1 / 2.6 / 2.7

D - Diffuse



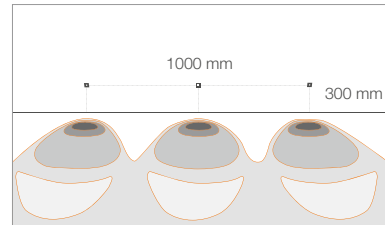
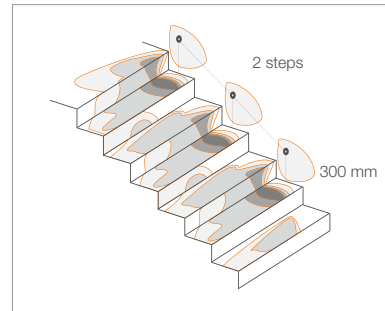
STEP OUTSIDE 5.1

A - Asymmetrical



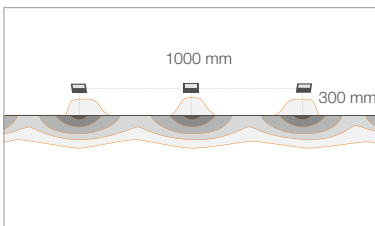
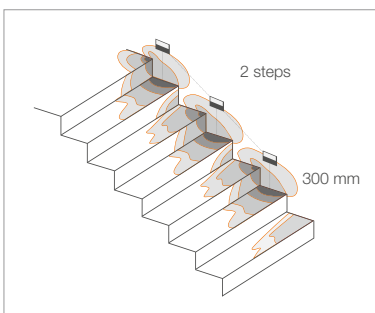
STEP OUTSIDE 5.2

A - Asymmetrical



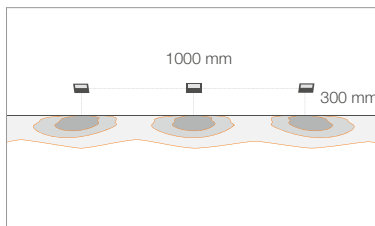
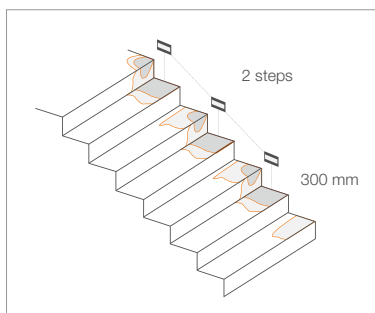
STEP OUTSIDE 7.0

A - Diffuse



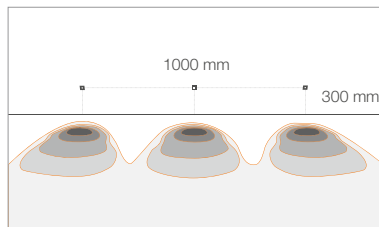
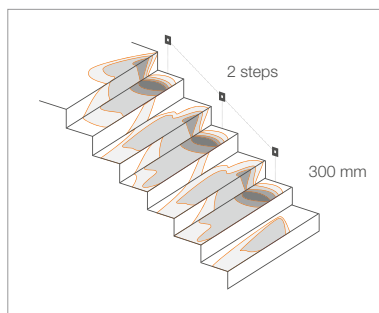
STEP OUTSIDE 8.0

A - Diffuse



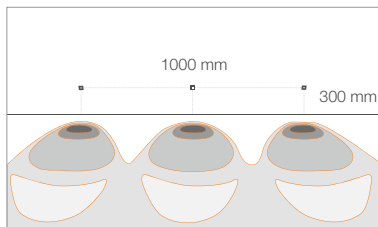
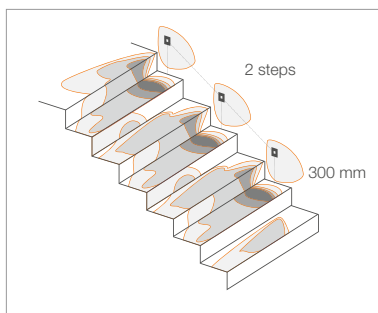
STEP OUTSIDE 6.1

A - Asymmetrical



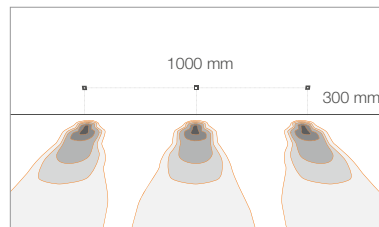
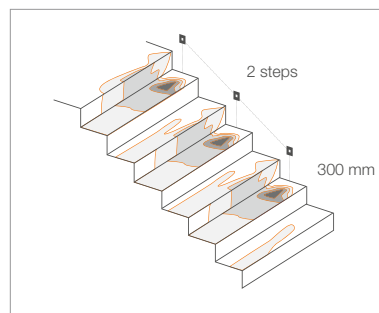
STEP OUTSIDE 6.2

A - Asymmetrical



STEP OUTSIDE 6.3

A - Asymmetrical



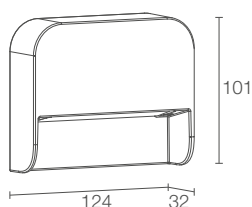


LIRA

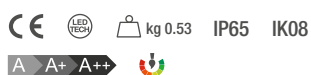
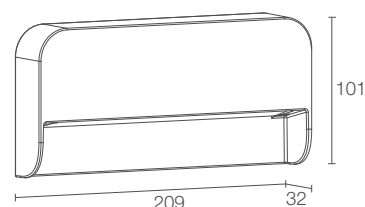
OUTDOOR STEP LIGHTS
LIGHTING FOR PATHS AND STEPS



LIRA 1.0



LIRA 2.0



POWER / POWER SUPPLY CODE	6W 230Vac LR1010 A E White LR1010 A F Grey LR1010 A H Anthracite LR1010 A T Cor-ten
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	asymmetrical
LUMEN OUTPUT AT SOURCE	756 lm (3000K)
DELIVERED LUMEN OUTPUT	368 lm (3000K, white finish)
NO. AND TYPE OF LED	18 mid-power LEDs 3-step MacAdam, 50000h L80 B10 (Ta 25°C)
MATERIAL	body in die-cast aluminium screen in serigraphed extra-clear microprismatic glass
POWER SUPPLY UNIT	built in
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 3x1.00 Ø7.0 mm
MOUNTING	surface mounted (wall)
ACCESSORIES	see p. 376
PHOTOMETRIC DATA	see p. 782

POWER / POWER SUPPLY CODE	12W 230Vac LR2010 A E White LR2010 A F Grey LR2010 A H Anthracite LR2010 A T Cor-ten
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	asymmetrical
LUMEN OUTPUT AT SOURCE	1512 lm (3000K)
DELIVERED LUMEN OUTPUT	736 lm (3000K, white finish)
NO. AND TYPE OF LED	36 mid-power LEDs 3-step MacAdam, 50000h L80 B10 (Ta 25°C)
MATERIAL	body in die-cast aluminium screen in serigraphed extra-clear microprismatic glass
POWER SUPPLY UNIT	built in
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 3x1.00 Ø7.0 mm
MOUNTING	surface mounted (wall)
ACCESSORIES	see p. 376
PHOTOMETRIC DATA	see p. 782

LIRA

ACCESSORIES

ACCESSORIES FOR INSTALLATION

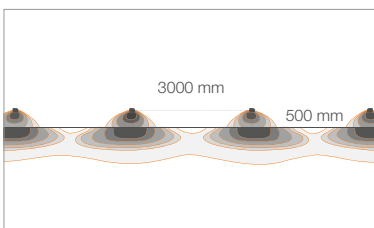
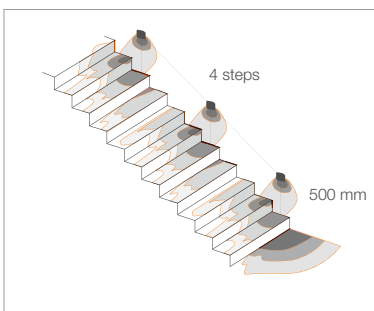


WC0301
Optional outer casing

POSITIONING DIAGRAMS

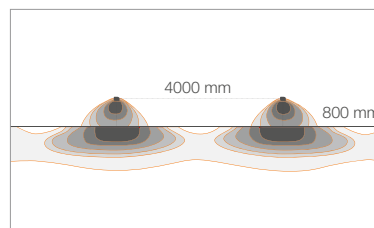
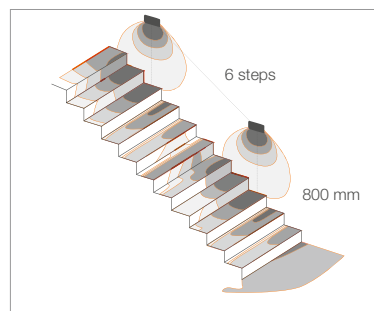
LIRA 1.0

A - Asymmetrical



LIRA 2.0

A - Asymmetrical

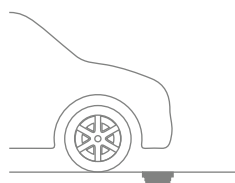






GOCCIA

OUTDOOR STEP LIGHTS
ORIENTATION LIGHT



diffuse



RGB



2700K 3000K 4000K blue

ROUND COVER



GOCCIA 2.0 p. 380
constant current
max 3W max 350mA



GOCCIA 2.6 p. 381
constant voltage
2W 24Vdc

SQUARE COVER



GOCCIA 2.1 p. 380
constant current
max 3W max 350mA



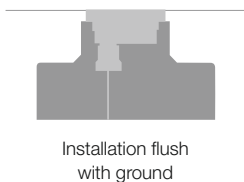
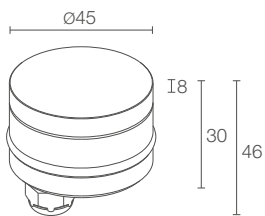
GOCCIA 2.7 p. 381
constant voltage
2W 24Vdc



GOCCIA



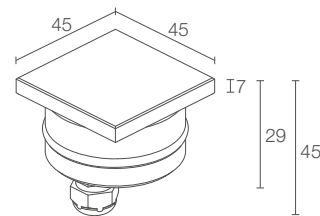
GOCCIA 2.0



∅ 45 mm
H 35 mm



GOCCIA 2.1



∅ 45 mm
H 35 mm

POWER / POWER SUPPLY CODE max 3W max 350mA
GA2031 6 D A V - ■

LED COLOUR RGB

POWER CABLES includes 1.5 m FEP+RUB cable (equivalent to H05RN-F) 6x0.50/0.50 ∅6.3 mm
 1 - 5 m
 2 - 10 m
 3 - 15 m
 4 - 20 m

OPTICS diffuse

LUMEN OUTPUT AT SOURCE 72 lm, R: 22 lm G: 40 lm B: 10 lm (350mA)

DELIVERED LUMEN OUTPUT 36 lm, R: 13 lm G: 17 lm B: 6 lm (350mA)

NO. AND TYPE OF LED 1 full-colour LED
50000h L90 B10 (Ta 25°C)

MATERIAL body in anodized aluminium
screen in sandblasted extra-clear glass

POWER SUPPLY UNIT not included, see p. 382 and 844

WIRING series

MOUNTING recessed (wall, ground)

ACCESSORIES see p. 382

NOTES outer casing available in non-standard sizes on request

PHOTOMETRIC DATA

POWER / POWER SUPPLY CODE max 3W max 350mA
GA2131 6 D A V - ■

LED COLOUR RGB

POWER CABLES includes 1.5 m FEP+RUB cable (equivalent to H05RN-F) 6x0.50/0.50 ∅6.3 mm
 1 - 5 m
 2 - 10 m
 3 - 15 m
 4 - 20 m

OPTICS diffuse

LUMEN OUTPUT AT SOURCE 72 lm, R: 22 lm G: 40 lm B: 10 lm (350mA)

DELIVERED LUMEN OUTPUT 36 lm, R: 13 lm G: 17 lm B: 6 lm (350mA)

NO. AND TYPE OF LED 1 full-colour LED
50000h L90 B10 (Ta 25°C)

MATERIAL body in anodized aluminium
screen in sandblasted extra-clear glass

POWER SUPPLY UNIT not included, see p. 382 and 844

WIRING series

MOUNTING recessed (wall, ground)

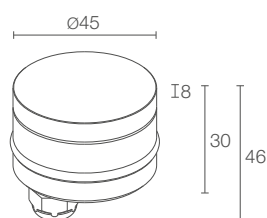
ACCESSORIES see p. 382

NOTES outer casing available in non-standard sizes on request

PHOTOMETRIC DATA



GOCCIA 2.6



Ø 45 mm
H 35 mm

CE, LED, III, kg 500, kg 0.20, IP67, IK10
A, A+, A++, IPS, T max 40°C

2W 24Vdc

GA2600 ■ D V - ■

■ F - 2700K
5 - 3000K
9 - 4000K
1 - blue

■ includes 1.5 m neoprene cable
H05RN-F 2x0.35/0.75 Ø6.3 mm
1 - 5 m
2 - 10 m
3 - 15 m
4 - 20 m

diffuse

204 lm (3000K)

74 lm (3000K)

1 power LED
3-step MacAdam (white LED colour)
50000h L90 B10 (Ta 25°C)

body in anodized aluminium
screen in sandblasted extra-clear glass

not included, see p. 382

parallel

recessed (wall, ground)

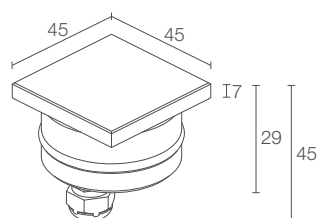
see p. 382

outer casing available in non-standard
sizes on request

see p. 770



GOCCIA 2.7



Ø 45 mm
H 35 mm

CE, LED, III, kg 500, kg 0.20, IP67, IK10
A, A+, A++, IPS, T max 40°C

2W 24Vdc

GA2700 ■ D V - ■

■ F - 2700K
5 - 3000K
9 - 4000K
1 - blue

■ includes 1.5 m neoprene cable
H05RN-F 2x0.35/0.75 Ø6.3 mm
1 - 5 m
2 - 10 m
3 - 15 m
4 - 20 m

diffuse

204 lm (3000K)

74 lm (3000K)

1 power LED
3-step MacAdam (white LED colour)
50000h L90 B10 (Ta 25°C)

body in anodized aluminium
screen in sandblasted extra-clear glass

not included, see p. 382

parallel

recessed (wall, ground)

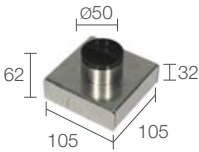
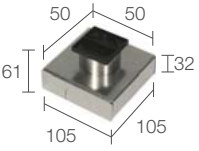
see p. 382

outer casing available in non-standard
sizes on request

see p. 770

GOCCIA

ACCESSORIES AND POWER SUPPLY UNITS

	GOCCIA 2.0	GOCCIA 2.1	GOCCIA 2.6	GOCCIA 2.7
ACCESSORIES FOR INSTALLATION				
 <p>Outer casing</p>	WC0400		WC0400	
 <p>Outer casing</p>		WC0401		WC0401

POWER CABLES

the choice of power cable is included in the configuration of the code for the lighting fixture

- 1 length 5 m
- 2 length 10 m
- 3 length 15 m
- 4 length 20 m

white LED colour

Neoprene cables

H05RN-F 2x0.35/0.75 Ø6.3 mm IPS

RGB

FEP+RUB cables (equivalent to H05RN-F)

6x0.50/0.50 Ø6.3 mm IPS

POWER SUPPLY UNITS Goccia 2.0 / 2.1

Max no. fixtures	PSU	IP	Page
-	RGB controller	-	855 - 860

POWER SUPPLY UNITS Goccia 2.6 / 2.7

Max no. fixtures	PSU	IP	Page
1...n	24Vdc	20	847
1...n	24Vdc	67	847

GOCCIA 2.7 >
customized version with 3500K LED colour, 2W

Project by / Architecture & Urbanisme 21

Yvore Schiltz et Associés /

Parallel architecture intérieur /

Agence Christophe Gontrand & Associés

Light planning by / Distylight

Groupe Foyer Headquarters, Leudelange, Luxembourg





ICE LED

OUTDOOR STEP LIGHTS
LIGHT POINT FOR GARDENS AND FLOWERBEDS



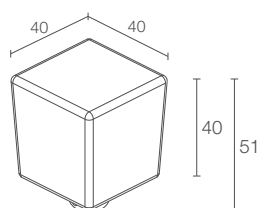
Surface installation



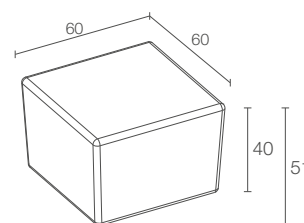
Installation flush with ground



ICE LED 1.0



ICE LED 1.1



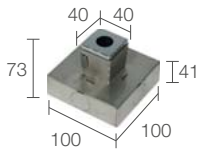
POWER / POWER SUPPLY CODE	max 1W max 350mA LE1011 ■ D A V - ■
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 2x0.35/0.75 Ø6.3 mm 1 - 5 m 2 - 10 m 3 - 15 m 4 - 20 m
OPTICS	diffuse
LUMEN OUTPUT AT SOURCE	110 lm (3000K, 350mA)
DELIVERED LUMEN OUTPUT	89 lm (3000K, 350mA)
NO. AND TYPE OF LED	1 power LED 1/4 ANSI BIN (white LED colour) 50000h L90 B10 (Ta 25°C)
MATERIAL	body in anodized aluminium and sandblasted glass
POWER SUPPLY UNIT	not included, see p. 386 and 844
WIRING	series
MOUNTING	recessed (wall, ground) surface mounted (ground)
ACCESSORIES	see p. 386
PHOTOMETRIC DATA	see p. 771

POWER / POWER SUPPLY CODE	max 1W max 350mA LE1111 ■ D A V - ■
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue
POWER CABLES	includes 1.5 m neoprene cable H05RN-F 2x0.35/0.75 Ø6.3 mm 1 - 5 m 2 - 10 m 3 - 15 m 4 - 20 m
OPTICS	diffuse
LUMEN OUTPUT AT SOURCE	110 lm (3000K, 350mA)
DELIVERED LUMEN OUTPUT	89 lm (3000K, 350mA)
NO. AND TYPE OF LED	1 power LED 1/4 ANSI BIN (white LED colour) 50000h L90 B10 (Ta 25°C)
MATERIAL	body in anodized aluminium and sandblasted glass
POWER SUPPLY UNIT	not included, see p. 386 and 844
WIRING	series
MOUNTING	recessed (wall, ground) surface mounted (ground)
ACCESSORIES	see p. 386
PHOTOMETRIC DATA	see p. 771

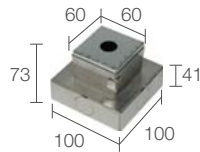
ICE LED

ACCESSORIES AND POWER SUPPLY UNITS

ACCESSORIES FOR INSTALLATION



WC0410
Outer casing
(Ice LED 1.0)



WC0411
Outer casing
(Ice LED 1.1)

POWER CABLES

the choice of power cable is included in the configuration of the code for the lighting fixture

- 1 length 5 m
- 2 length 10 m
- 3 length 15 m
- 4 length 20 m

Neoprene cables
H05RN-F 2x0.35/0.75 Ø6.3 mm IPS

POWER SUPPLY UNITS

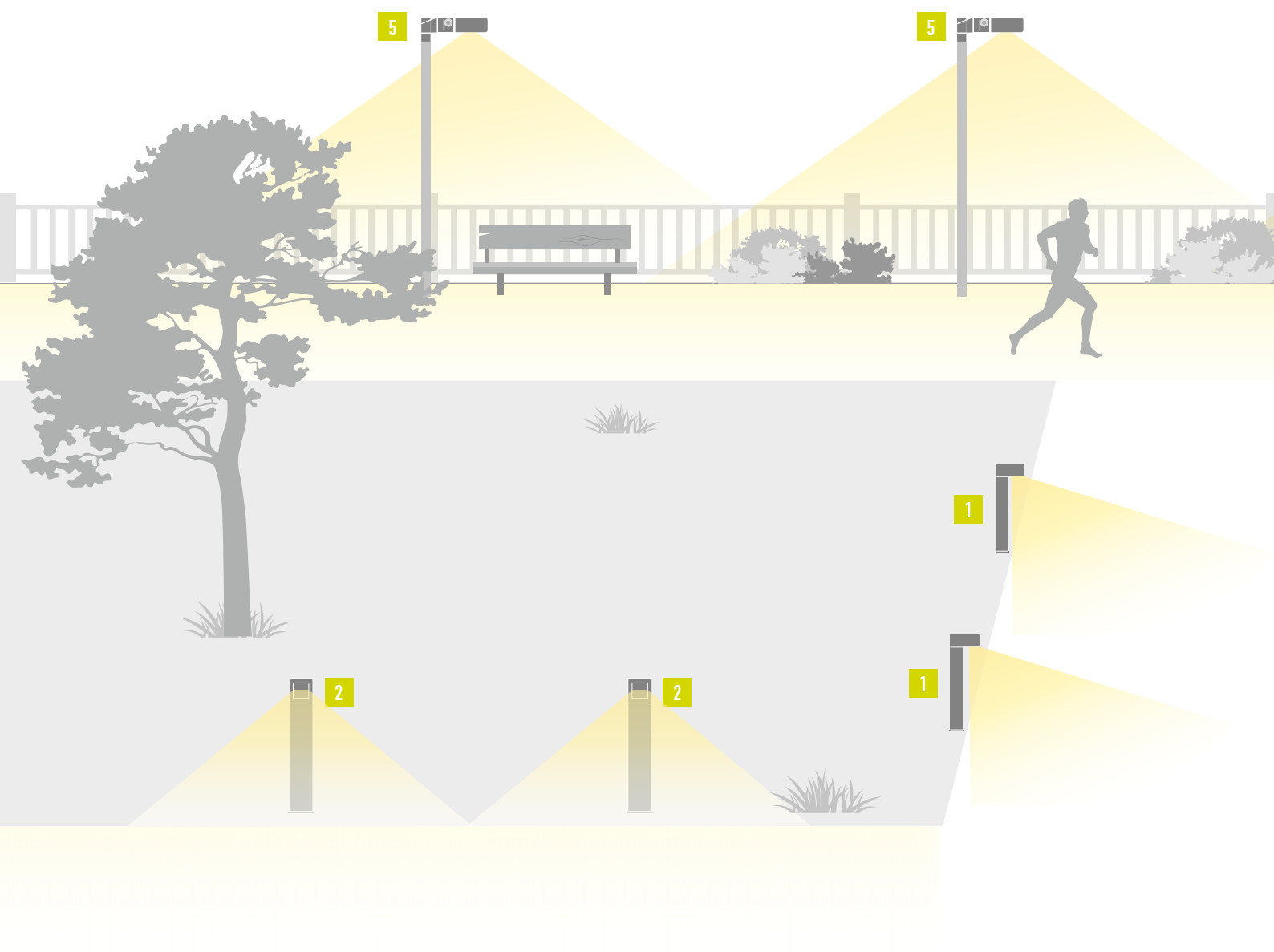
220mA

Max no. fixtures	PSU	IP	Page
1/9	A19220TC	20	844

350mA

Max no. fixtures	PSU	IP	Page
1/3	A13350VL	20	845
1/15	ACUNI020T1	20	844 845
3/9	A19350QL	20	845
5/12	A312350QL	20	845
1/12 dimmer	ADUNITC	20	848 849 850
2/6	A16350IP67	67	845
5/12	A312350IP67	67	845



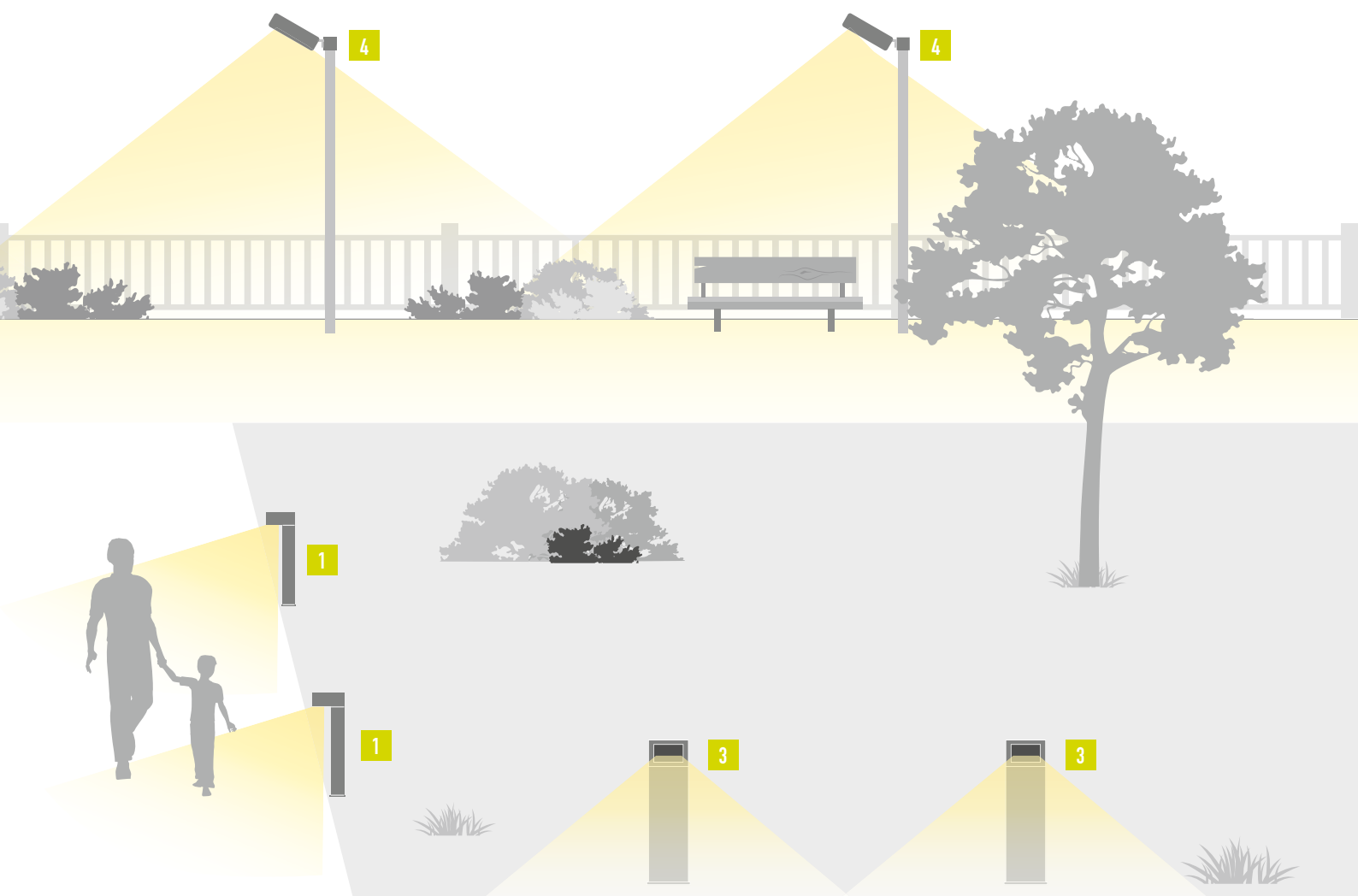


1 PLIN p. 392

2 LINEAR p. 406

3 BITTA p. 416

BOLLARDS AND URBAN LIGHTING



4 PALLADIANO p. 420

5 SIRI BLVD p. 428



PLIN

see p. 392



LINEAR

see p. 406

INSTALLATION

bollard for outdoor applications

bollard for outdoor applications

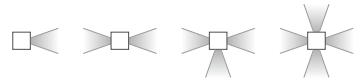
MOUNTING
(ground, wall, pole)



HEIGHT



BEAM



LIGHT COLOUR



POWER SUPPLY

MAINS VOLTAGE
built-in power supply unit

230Vac

230Vac

CONTROL SYSTEM

IP

IP65

IP65

APPLIANCE CLASS



UNIQUE SELLING POINTS



BITTA
see p. 416

bollard for outdoor
applications



2700K 3000K 4000K 5000K

230Vac

IP65



PALLADIANO
see p. 420

urban lighting



2700K 3000K 4000K

230Vac

DALI
1-10V
virtual midnight

IP66



shadow-effect filters
and colour filters



SIRI BLVD
see p. 428

urban lighting



2700K 3000K 4000K

230Vac

virtual midnight

IP66





PLIN

BOLLARDS FOR OUTDOOR APPLICATIONS

2700K 3000K 4000K

SQUARE HEAD



diffuse



PLIN 1.0 p. 394
12W 230Vac
h 300 mm



PLIN 1.1 p. 395
12W 230Vac
h 600 mm



PLIN 1.2 p. 395
12W 230Vac
h 800 mm



asymmetrical
diffuse



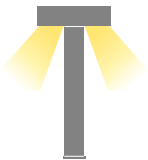
PLIN 2.0 p. 396
12W 230Vac
h 260 mm



PLIN 2.1 p. 397
12W 230Vac
h 560 mm



PLIN 2.2 p. 397
12W 230Vac
h 760 mm



asymmetrical
diffuse



PLIN 3.0 p. 398
24W 230Vac
h 260 mm



PLIN 3.1 p. 399
24W 230Vac
h 560 mm



PLIN 3.2 p. 399
24W 230Vac
h 760 mm

ROUND HEAD



diffuse



PLIN 4.0 p. 400
8W 230Vac
h 320 mm



PLIN 4.1 p. 401
8W 230Vac
h 620 mm



PLIN 4.2 p. 401
8W 230Vac
h 820 mm



asymmetrical



PLIN 5.0 p. 402
8W 230Vac
h 285 mm



PLIN 5.1 p. 403
8W 230Vac
h 585 mm



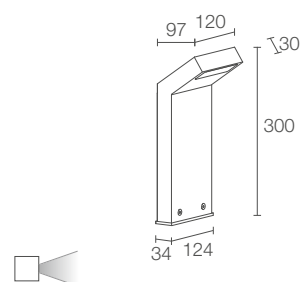
PLIN 5.2 p. 403
8W 230Vac
h 785 mm

PLIN 1

√
PLIN 1.0
 3000K, 12W, anthracite



PLIN 1.0

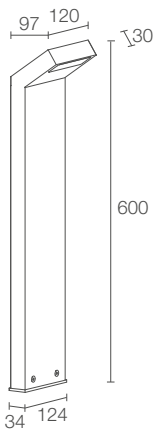


CE LED TECH 1.30 kg IP65 IK08
 A A+ A++

POWER / POWER SUPPLY CODE	12W 230Vac h 300 mm PN1010 A E White PN1010 A F Grey PN1010 A H Anthracite PN1010 A T Cor-ten
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	diffuse
LUMEN OUTPUT AT SOURCE	1242 lm (3000K)
DELIVERED LUMEN OUTPUT	558 lm (3000K)
NO. AND TYPE OF LED	18 mid-power LEDs 3-step MacAdam, 50000h L85 B10 (Ta 25°C)
MATERIAL	head in die-cast aluminium, column in aluminium screen in serigraphed, tempered, extra-clear microprismatic glass
POWER SUPPLY UNIT	built in
MOUNTING	surface mounted (ground)
NOTES	non-standard heights available on request
PHOTOMETRIC DATA	see p. 800



PLIN 1.1



CE LED TECH kg 2.20 IP65 IK08

A A+ A++

12W 230Vac h 600 mm
PN1110 A E White
PN1110 A F Grey
PN1110 A H Anthracite
PN1110 A T Cor-ten

F - 2700K
 5 - 3000K
 9 - 4000K

diffuse

1242 lm (3000K)

558 lm (3000K)

18 mid-power LEDs
 3-step MacAdam, 50000h L85 B10 (Ta 25°C)

head in die-cast aluminium, column in aluminium
 screen in serigraphed, tempered, extra-clear
 microprismatic glass

built in

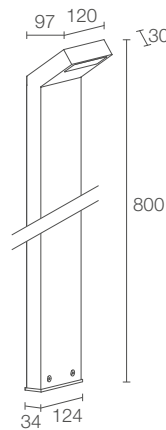
surface mounted (ground)

non-standard heights available
 on request

see p. 800



PLIN 1.2



CE LED TECH kg 2.50 IP65 IK08

A A+ A++

12W 230Vac h 800 mm
PN1210 A E White
PN1210 A F Grey
PN1210 A H Anthracite
PN1210 A T Cor-ten

F - 2700K
 5 - 3000K
 9 - 4000K

diffuse

1242 lm (3000K)

558 lm (3000K)

18 mid-power LEDs
 3-step MacAdam, 50000h L85 B10 (Ta 25°C)

head in die-cast aluminium, column in aluminium
 screen in serigraphed, tempered, extra-clear
 microprismatic glass

built in

surface mounted (ground)

non-standard heights available
 on request

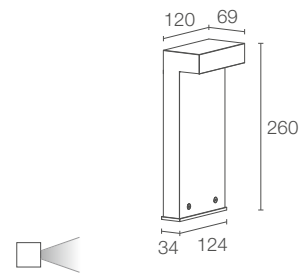
see p. 800



PLIN 2





✓
PLIN 2.2
 3000K, 12W, anthracite
ICE LED 1.0
 2700K, 1W



PLIN 2.0

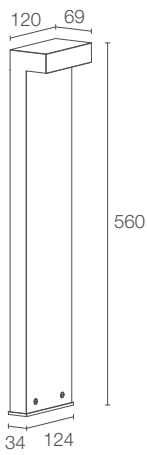


CE LED TECH  kg 1.40 IP65 IK08
 A A+ A++ 

POWER / POWER SUPPLY CODE	12W 230Vac h 260 mm PN2010  A E White PN2010  A F Grey PN2010  A H Anthracite PN2010  A T Cor-ten
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	asymmetrical diffuse
LUMEN OUTPUT AT SOURCE	1242 lm (3000K)
DELIVERED LUMEN OUTPUT	492 lm (3000K)
NO. AND TYPE OF LED	18 mid-power LEDs 3-step MacAdam, 50000h L85 B10 (Ta 25°C)
MATERIAL	head and column in aluminium screen in serigraphed, tempered transparent extra-clear glass
POWER SUPPLY UNIT	built in
MOUNTING	surface mounted (ground)
NOTES	non-standard heights available on request
PHOTOMETRIC DATA	see p. 800



PLIN 2.1



CE LED TECH kg 1.92 IP65 IK08
A A+ A++

12W 230Vac h 560 mm
PN2110 A E White
PN2110 A F Grey
PN2110 A H Anthracite
PN2110 A T Cor-ten

F - 2700K
 5 - 3000K
 9 - 4000K

asymmetrical diffuse

1242 lm (3000K)

492 lm (3000K)

18 mid-power LEDs
 3-step MacAdam, 50000h L85 B10 (Ta 25°C)

head and column in aluminium
 screen in serigraphed, tempered transparent
 extra-clear glass

built in

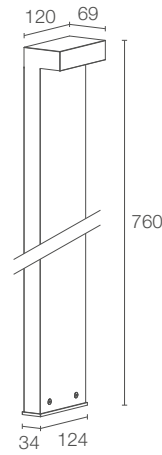
surface mounted (ground)

non-standard heights available
 on request

see p. 800



PLIN 2.2



CE LED TECH kg 1.95 IP65 IK08
A A+ A++

12W 230Vac h 760 mm
PN2210 A E White
PN2210 A F Grey
PN2210 A H Anthracite
PN2210 A T Cor-ten

F - 2700K
 5 - 3000K
 9 - 4000K

asymmetrical diffuse

1242 lm (3000K)

492 lm (3000K)

18 mid-power LEDs
 3-step MacAdam, 50000h L85 B10 (Ta 25°C)

head and column in aluminium
 screen in serigraphed, tempered transparent
 extra-clear glass

built in

surface mounted (ground)

non-standard heights available
 on request

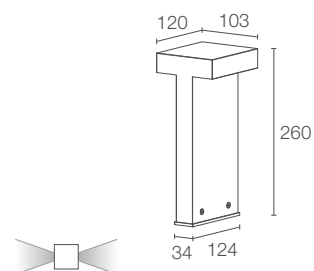
see p. 800

PLIN 3

✓
PLIN 3.1
4000K, 24W, anthracite



PLIN 3.0

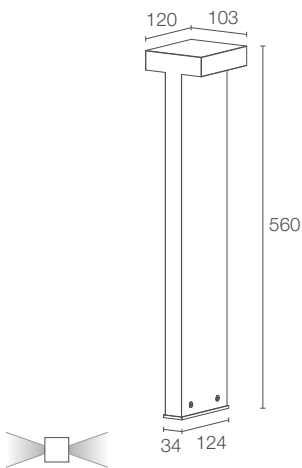


CE LED TECH kg 1.80 IP65 IK08
A A+ A++

POWER / POWER SUPPLY CODE	24W 230Vac h 260 mm PN3010 A E White PN3010 A F Grey PN3010 A H Anthracite PN3010 A T Cor-ten
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	asymmetrical diffuse
LUMEN OUTPUT AT SOURCE	1242 lm (3000K) per beam
DELIVERED LUMEN OUTPUT	492 lm (3000K) per beam
NO. AND TYPE OF LED	36 mid-power LEDs 3-step MacAdam, 50000h L85 B10 (Ta 25°C)
MATERIAL	head and column in aluminium screen in serigraphed, tempered transparent extra-clear glass
POWER SUPPLY UNIT	built in
MOUNTING	surface mounted (ground)
NOTES	non-standard heights available on request
PHOTOMETRIC DATA	see p. 800



PLIN 3.1



CE LED TECH kg 2.20 IP65 IK08
A A+ A++

24W 230Vac h 560 mm
PN3110 A E White
PN3110 A F Grey
PN3110 A H Anthracite
PN3110 A T Cor-ten

F - 2700K
 5 - 3000K
 9 - 4000K

asymmetrical diffuse

1242 lm (3000K) per beam

492 lm (3000K) per beam

36 mid-power LEDs
 3-step MacAdam, 50000h L85 B10 (Ta 25°C)

head and column in aluminium
 screen in serigraphed, tempered transparent
 extra-clear glass

built in

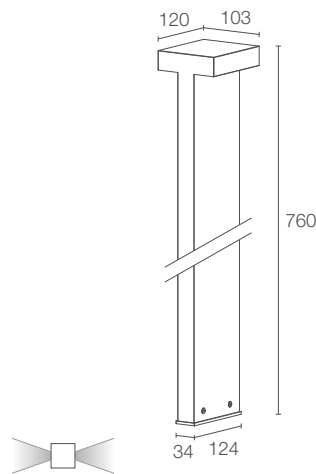
surface mounted (ground)

non-standard heights available
 on request

see p. 800



PLIN 3.2



CE LED TECH kg 2.35 IP65 IK08
A A+ A++

24W 230Vac h 760 mm
PN3210 A E White
PN3210 A F Grey
PN3210 A H Anthracite
PN3210 A T Cor-ten

F - 2700K
 5 - 3000K
 9 - 4000K

asymmetrical diffuse

1242 lm (3000K) per beam

492 lm (3000K) per beam

36 mid-power LEDs
 3-step MacAdam, 50000h L85 B10 (Ta 25°C)

head and column in aluminium
 screen in serigraphed, tempered transparent
 extra-clear glass

built in

surface mounted (ground)

non-standard heights available
 on request

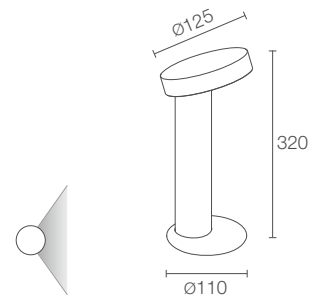
see p. 800

PLIN 4

√
PLIN 4.0
 4000K, 8W, anthracite



PLIN 4.0



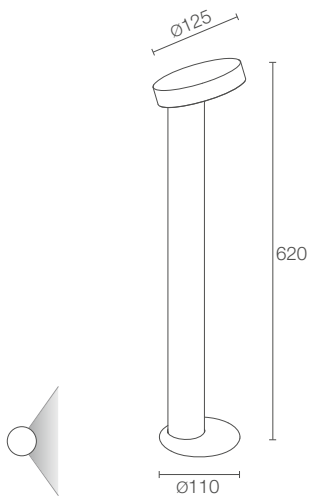
CE LED TECH kg 1.80 IP65 IK07
 A A+ A++



POWER / POWER SUPPLY CODE	8W 230Vac h 320 mm PN40100 D E White PN40100 D F Grey PN40100 D H Anthracite PN40100 D T Cor-ten
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	diffuse
LUMEN OUTPUT AT SOURCE	488 lm (3000K)
DELIVERED LUMEN OUTPUT	423 lm (3000K)
NO. AND TYPE OF LED	1 power LED 3-step MacAdam, 50000h L90 B10 (Ta 25°C)
MATERIAL	head in aluminium, column in stainless steel screen in serigraphed, tempered transparent extra-clear glass
POWER SUPPLY UNIT	built in
MOUNTING	surface mounted (ground)
NOTES	non-standard heights available on request
PHOTOMETRIC DATA	see p. 801



PLIN 4.1



CE LED TECH kg 2.65 IP65 IK07
A A+ A++

8W 230Vac h 620 mm
PN41100 DE White
PN41100 DF Grey
PN41100 DH Anthracite
PN41100 DT Cor-ten

F - 2700K
 5 - 3000K
 9 - 4000K

diffuse

488 lm (3000K)

423 lm (3000K)

1 power LED
 3-step MacAdam, 50000h L90 B10 (Ta 25°C)

head in aluminium, column in stainless steel
 screen in serigraphed, tempered transparent
 extra-clear glass

built in

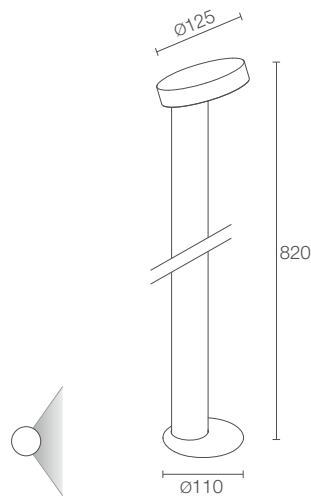
surface mounted (ground)

non-standard heights available
 on request

see p. 801



PLIN 4.2



CE LED TECH kg 3.10 IP65 IK07
A A+ A++

8W 230Vac h 820 mm
PN42100 DE White
PN42100 DF Grey
PN42100 DH Anthracite
PN42100 DT Cor-ten

F - 2700K
 5 - 3000K
 9 - 4000K

diffuse

488 lm (3000K)

423 lm (3000K)

1 power LED
 3-step MacAdam, 50000h L90 B10 (Ta 25°C)

head in aluminium, column in stainless steel
 screen in serigraphed, tempered transparent
 extra-clear glass

built in

surface mounted (ground)

non-standard heights available
 on request

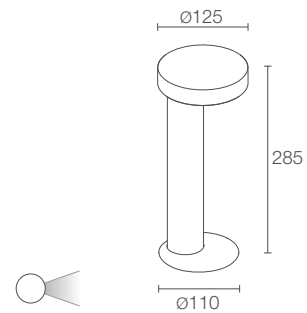
see p. 801

PLIN 5

▼
PLIN 5.1
 4000K, 8W, anthracite



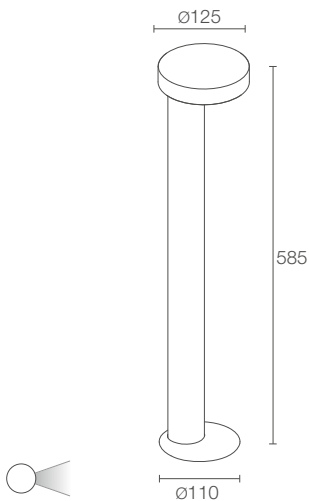
PLIN 5.0



POWER / POWER SUPPLY CODE	8W 230Vac h 285 mm PN50100 A E White PN50100 A F Grey PN50100 A H Anthracite PN50100 A T Cor-ten
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	asymmetrical
LUMEN OUTPUT AT SOURCE	488 lm (3000K)
DELIVERED LUMEN OUTPUT	173 lm (3000K)
NO. AND TYPE OF LED	1 power LED 3-step MacAdam, 50000h L90 B10 (Ta 25°C)
MATERIAL	head in aluminium, column in stainless steel screen in serigraphed, tempered transparent extra-clear glass
POWER SUPPLY UNIT	built in
MOUNTING	surface mounted (ground)
NOTES	non-standard heights available on request
PHOTOMETRIC DATA	see p. 801



PLIN 5.1



CE LED TPC kg 2.50 IP65 IK07
A A+ A++

8W 230Vac h 585 mm
PN51100 A E White
PN51100 A F Grey
PN51100 A H Anthracite
PN51100 A T Cor-ten

F - 2700K
 5 - 3000K
 9 - 4000K

asymmetrical

488 lm (3000K)

173 lm (3000K)

1 power LED
 3-step MacAdam, 50000h L90 B10 (Ta 25°C)

head in aluminium, column in stainless steel
 screen in serigraphed, tempered transparent
 extra-clear glass

built in

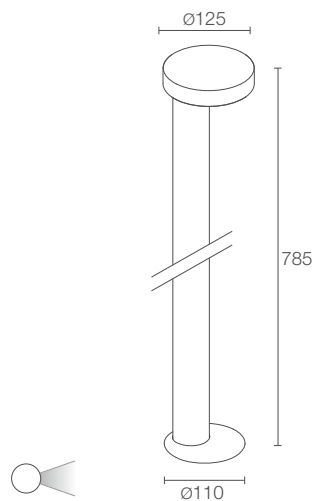
surface mounted (ground)

non-standard heights available
 on request

see p. 801



PLIN 5.2



CE LED TPC kg 3.10 IP65 IK07
A A+ A++

8W 230Vac h 785 mm
PN52100 A E White
PN52100 A F Grey
PN52100 A H Anthracite
PN52100 A T Cor-ten

F - 2700K
 5 - 3000K
 9 - 4000K

asymmetrical

488 lm (3000K)

173 lm (3000K)

1 power LED
 3-step MacAdam, 50000h L90 B10 (Ta 25°C)

head in aluminium, column in stainless steel
 screen in serigraphed, tempered transparent
 extra-clear glass

built in

surface mounted (ground)

non-standard heights available
 on request

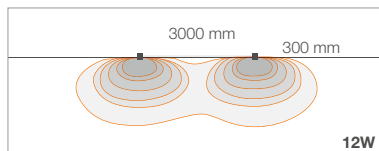
see p. 801

PLIN

POSITIONING DIAGRAMS

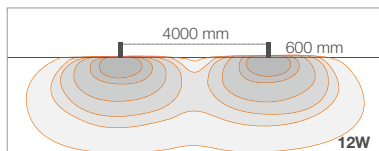
PLIN 1.0

A - Diffuse



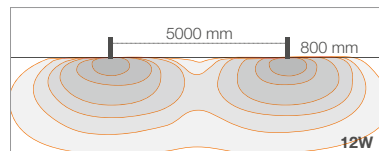
PLIN 1.1

A - Diffuse



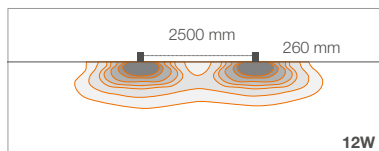
PLIN 1.2

A - Diffuse



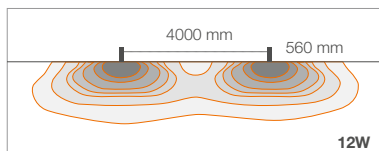
PLIN 2.0

A - Asymmetrical diffuse



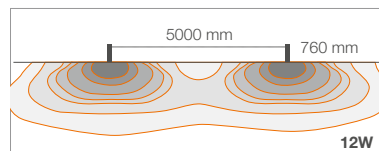
PLIN 2.1

A - Asymmetrical diffuse



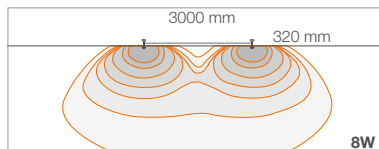
PLIN 2.2

A - Asymmetrical diffuse



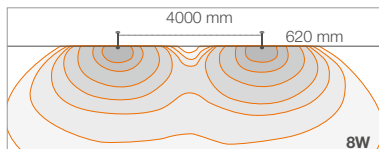
PLIN 4.0

D - Diffuse



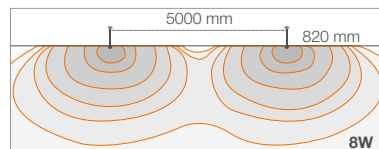
PLIN 4.1

D - Diffuse



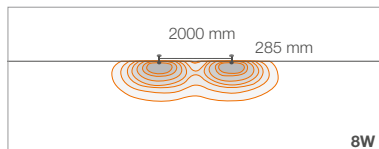
PLIN 4.2

D - Diffuse



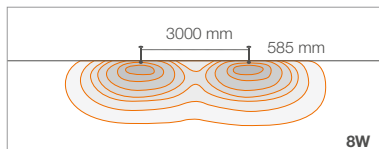
PLIN 5.0

A - Asymmetrical



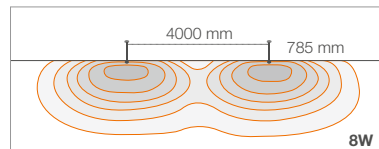
PLIN 5.1

A - Asymmetrical



PLIN 5.2

A - Asymmetrical







406

L&L Luce&Light



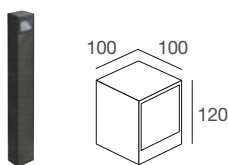
LINEAR

BOLLARDS FOR OUTDOOR APPLICATIONS

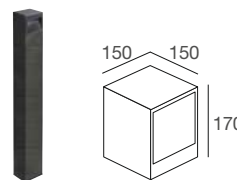


asymmetrical

2700K 3000K 4000K



HEIGHT 250/600/800 mm



HEIGHT 600/800 mm



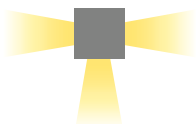
LINEAR 2.1 p. 408
4W/8.5W 230Vac

LINEAR 4.1 p. 410
8W/16W 230Vac

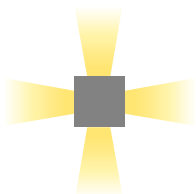


LINEAR 2.2 p. 408
7W/15W 230Vac

LINEAR 4.2 p. 411
14W/32W 230Vac



LINEAR 2.3 p. 409
10W 230Vac



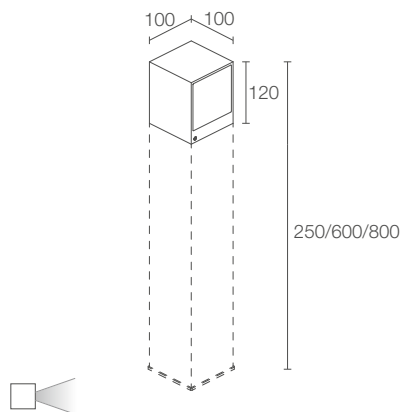
LINEAR 2.4 p. 409
13W 230Vac

LINEAR 4.4 p. 411
28W 230Vac

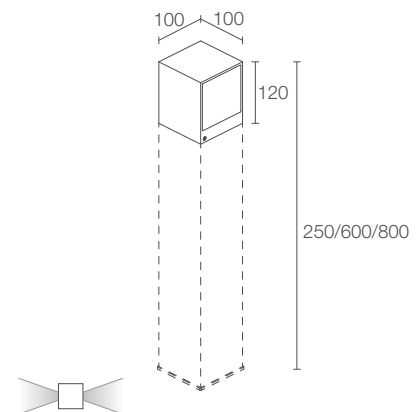
< **LINEAR 2.1/2.4/4.2**
3000K, 4W - 13W - 14W, anthracite
height 600 mm - 250 mm - 800 mm

LINEAR 2

LINEAR 2.1



LINEAR 2.2

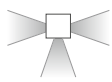
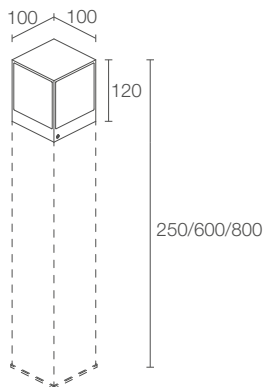


POWER / POWER SUPPLY CODE	<p>4W 230Vac CL2110 ■ A F Grey CL2110 ■ A H Anthracite CL2110 ■ A T Cor-ten</p> <p>8.5W 230Vac CL2111 ■ A F Grey CL2111 ■ A H Anthracite CL2111 ■ A T Cor-ten</p>
LED COLOUR	<p>F - 2700K 5 - 3000K 9 - 4000K</p>
OPTICS	asymmetrical
LUMEN OUTPUT AT SOURCE	<p>184 lm (3000K, 4W) 657 lm (3000K, 8.5W)</p>
DELIVERED LUMEN OUTPUT	<p>100 lm (3000K, 4W) 284 lm (3000K, 8.5W)</p>
NO. AND TYPE OF LED	<p>1 power LED, 1/4 ANSI BIN (version 4W) 1 high-intensity power LED 3-step MacAdam (version 8.5W) 50000h L90 B10 (Ta 25°C)</p>
MATERIAL	head in aluminium, column in anticorodal aluminium screen in serigraphed, tempered, transparent extra-clear glass
POWER SUPPLY UNIT	built in
POWER CABLES	connection box with 1 m cable H05RN-F 2x0.75 Ø6.3 mm
MOUNTING	surface mounted (ground)
ACCESSORIES	see p. 412
NOTES	non-standard heights available on request
PHOTOMETRIC DATA	see p. 780

POWER / POWER SUPPLY CODE	<p>7W 230Vac CL2210 ■ A F Grey CL2210 ■ A H Anthracite CL2210 ■ A T Cor-ten</p> <p>15W 230Vac CL2211 ■ A F Grey CL2211 ■ A H Anthracite CL2211 ■ A T Cor-ten</p>
LED COLOUR	<p>F - 2700K 5 - 3000K 9 - 4000K</p>
OPTICS	asymmetrical
LUMEN OUTPUT AT SOURCE	<p>184 lm (3000K, 7W) per beam 657 lm (3000K, 15W) per beam</p>
DELIVERED LUMEN OUTPUT	<p>100 lm (3000K, 7W) per beam 284 lm (3000K, 15W) per beam</p>
NO. AND TYPE OF LED	<p>2 power LEDs, 1/4 ANSI BIN (version 7W) 2 high-intensity power LEDs 3-step MacAdam (version 15W) 50000h L90 B10 (Ta 25°C)</p>
MATERIAL	head in aluminium, column in anticorodal aluminium screen in serigraphed, tempered, transparent extra-clear glass
POWER SUPPLY UNIT	built in
POWER CABLES	connection box with 1 m cable H05RN-F 2x0.75 Ø6.3 mm
MOUNTING	surface mounted (ground)
ACCESSORIES	see p. 412
NOTES	non-standard heights available on request
PHOTOMETRIC DATA	see p. 780



LINEAR 2.3

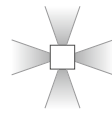
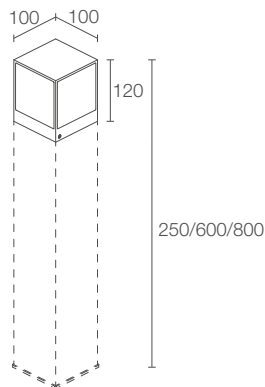


kg 1.60
kg 2.00 h 250 mm
kg 2.70 h 600 mm
kg 3.10 h 800 mm

CE LED VES A A+ A++ PID

10W 230Vac
CL2310 **A F** Grey
CL2310 **A H** Anthracite
CL2310 **A T** Cor-ten

LINEAR 2.4



kg 1.60
kg 2.00 h 250 mm
kg 2.70 h 600 mm
kg 3.10 h 800 mm

CE LED VES A A+ A++ PID

13W 230Vac
CL2410 **A F** Grey
CL2410 **A H** Anthracite
CL2410 **A T** Cor-ten

F - 2700K 5 - 3000K 9 - 4000K
asymmetrical
184 lm (3000K) per beam
100 lm (3000K) per beam
3 power LEDs 1/4 ANSI BIN, 50000h L90 B10 (Ta 25°C)
head in aluminium, column in anticorodal aluminium screen in serigraphed, tempered, transparent extra-clear glass
built in
connection box with 1 m cable H05RN-F 2x0.75 Ø6.3 mm
surface mounted (ground)
see p. 412
non-standard heights available on request
see p. 780

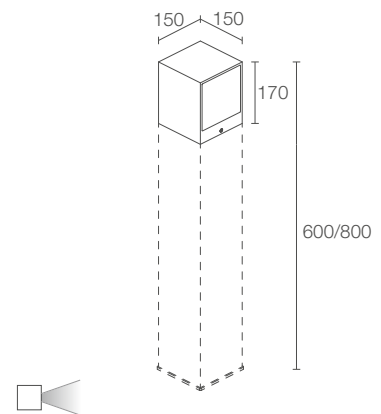
F - 2700K 5 - 3000K 9 - 4000K
asymmetrical
184 lm (3000K) per beam
100 lm (3000K) per beam
4 power LEDs 1/4 ANSI BIN, 50000h L90 B10 (Ta 25°C)
head in aluminium, column in anticorodal aluminium screen in serigraphed, tempered, transparent extra-clear glass
built in
connection box with 1 m cable H05RN-F 2x0.75 Ø6.3 mm
surface mounted (ground)
see p. 412
non-standard heights available on request
see p. 780

LINEAR 4

✓
LINEAR 2.1
4000K, 4W, anthracite



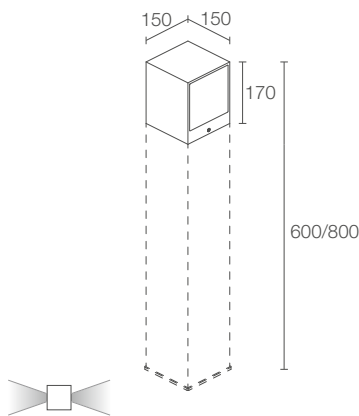
LINEAR 4.1



POWER / POWER SUPPLY CODE	8W 230Vac CL4110 ■ A F Grey CL4110 ■ A H Anthracite CL4110 ■ A T Cor-ten 16W 230Vac CL4111 ■ A F Grey CL4111 ■ A H Anthracite CL4111 ■ A T Cor-ten
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	asymmetrical
LUMEN OUTPUT AT SOURCE	436 lm (3000K, 8W) 1465 lm (3000K, 16W)
DELIVERED LUMEN OUTPUT	243 lm (3000K, 8W) 609 lm (3000K, 16W)
NO. AND TYPE OF LED	3 power LEDs, 1/4 ANSI BIN (version 8W) 3 high-intensity power LEDs 3-step MacAdam (version 16W) 50000h L90 B10 (Ta 25°C)
MATERIAL	head in aluminium, column in anticorodal aluminium screen in serigraphed, tempered, transparent extra-clear glass
POWER SUPPLY UNIT	built in
POWER CABLES	connection box with 1 m cable H05RN-F 2x0.75 Ø6.3 mm
MOUNTING	surface mounted (ground)
ACCESSORIES	see p. 412
NOTES	non-standard heights available on request
PHOTOMETRIC DATA	see p. 781



LINEAR 4.2



kg 3.50
 kg 5.30 h 600 mm
 kg 6.10 h 800 mm
 IP65 IK06
 A A+ A++
 PID

14W 230Vac
CL4210 **A F** Grey
CL4210 **A H** Anthracite
CL4210 **A T** Cor-ten

32W 230Vac
CL4211 **A F** Grey
CL4211 **A H** Anthracite
CL4211 **A T** Cor-ten

F - 2700K
5 - 3000K
9 - 4000K

asymmetrical

436 lm (3000K, 14W) per beam
1465 lm (3000K, 32W) per beam

243 lm (3000K, 14W) per beam
609 lm (3000K, 32W) per beam

6 power LEDs, 1/4 ANSI BIN (version 14W)
6 high-intensity power LEDs
3-step MacAdam (version 32W)
50000h L90 B10 (Ta 25°C)

head in aluminium, column in anticorodal aluminium
screen in serigraphed, tempered,
transparent extra-clear glass

built in

connection box with 1 m cable
H05RN-F 2x0.75 Ø6.3 mm

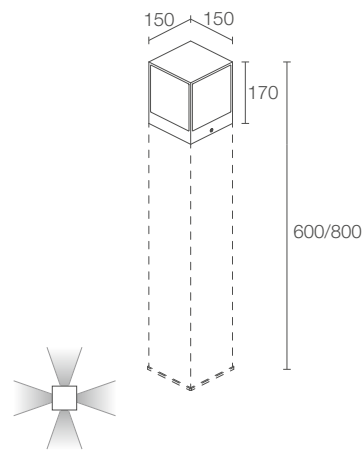
surface mounted (ground)

see p. 412

non-standard heights available
on request

see p. 781

LINEAR 4.4



kg 3.50
 kg 5.30 h 600 mm
 kg 6.10 h 800 mm
 IP65 IK06
 A A+ A++
 PID

28W 230Vac
CL4410 **A F** Grey
CL4410 **A H** Anthracite
CL4410 **A T** Cor-ten

F - 2700K
5 - 3000K
9 - 4000K

asymmetrical

436 lm (3000K) per beam

243 lm (3000K) per beam

12 power LEDs
1/4 ANSI BIN, 50000h L90 B10 (Ta 25°C)

head in aluminium, column in anticorodal aluminium
screen in serigraphed, tempered,
transparent extra-clear glass

built in

connection box with 1 m cable
H05RN-F 2x0.75 Ø6.3 mm

surface mounted (ground)

see p. 412

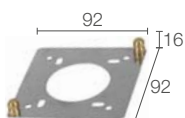
non-standard heights available
on request

see p. 781

LINEAR

ACCESSORIES

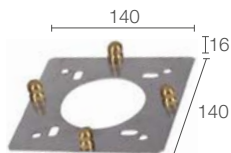
ACCESSORIES FOR INSTALLATION



WT000000

Plate for ground
installation

(Linear 2.1 / 2.2 / 2.3 / 2.4)



WT000001

Plate for ground
installation

(Linear 4.1 / 4.2 / 4.4)



h 250 mm including head

WT20250F - Grey

WT20250H - Anthracite

WT20250T - Cor-ten

h 600 mm including head

WT20600F - Grey

WT20600H - Anthracite

WT20600T - Cor-ten

h 800 mm including head

WT20800F - Grey

WT20800H - Anthracite

WT20800T - Cor-ten

Column

(Linear 2.1 / 2.2 / 2.3 / 2.4)



h 600 mm including head

WT40600F - Grey

WT40600H - Anthracite

WT40600T - Cor-ten

h 800 mm including head

WT40800F - Grey

WT40800H - Anthracite

WT40800T - Cor-ten

Column

(Linear 4.1 / 4.2 / 4.4)

RAL finish available on request

LINEAR 4.2 >
3000K, 32W, anthracite, height 800 mm
Villa Ca' Prigioni
Lanzè, Quinto Vicentino, Vicenza, Italy

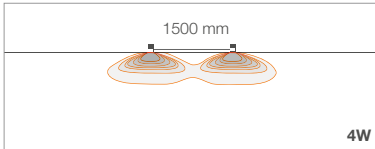


LINEAR

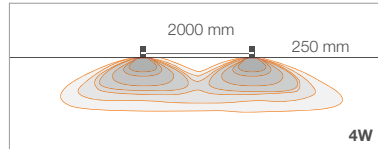
POSITIONING DIAGRAMS

LINEAR 2.1

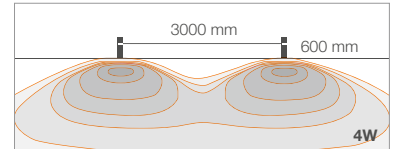
A - Asymmetrical



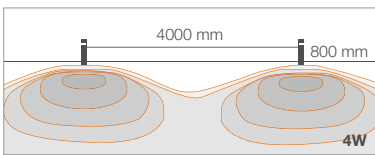
A - Asymmetrical



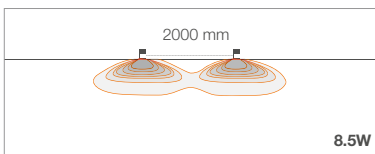
A - Asymmetrical



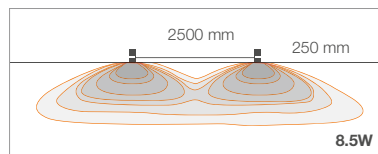
A - Asymmetrical



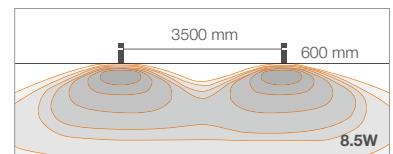
A - Asymmetrical



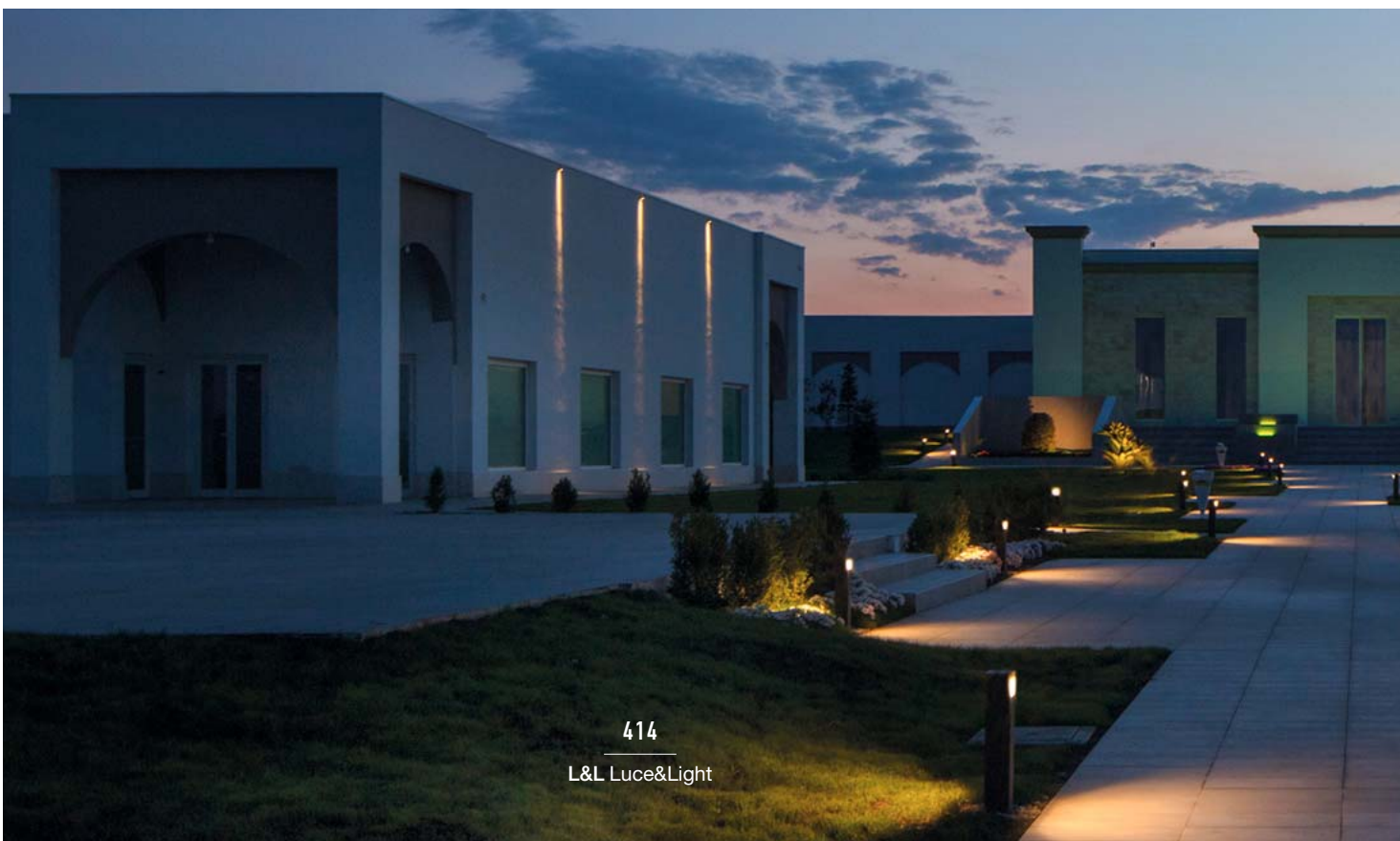
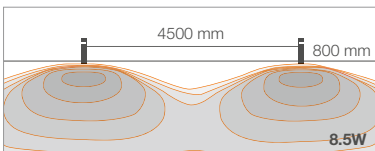
A - Asymmetrical



A - Asymmetrical



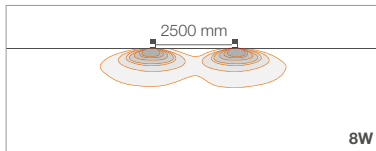
A - Asymmetrical



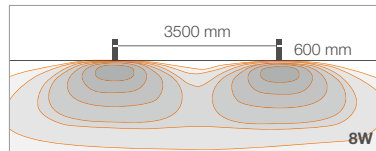


LINEAR 4.1

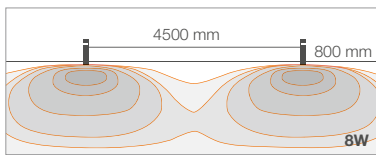
A - Asymmetrical



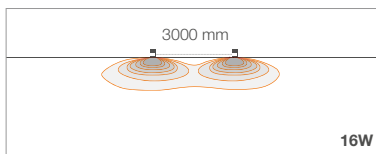
A - Asymmetrical



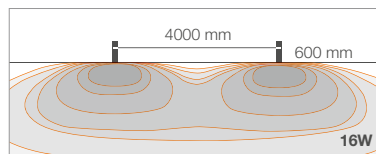
A - Asymmetrical



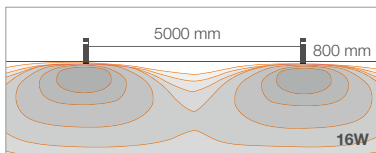
A - Asymmetrical



A - Asymmetrical



A - Asymmetrical

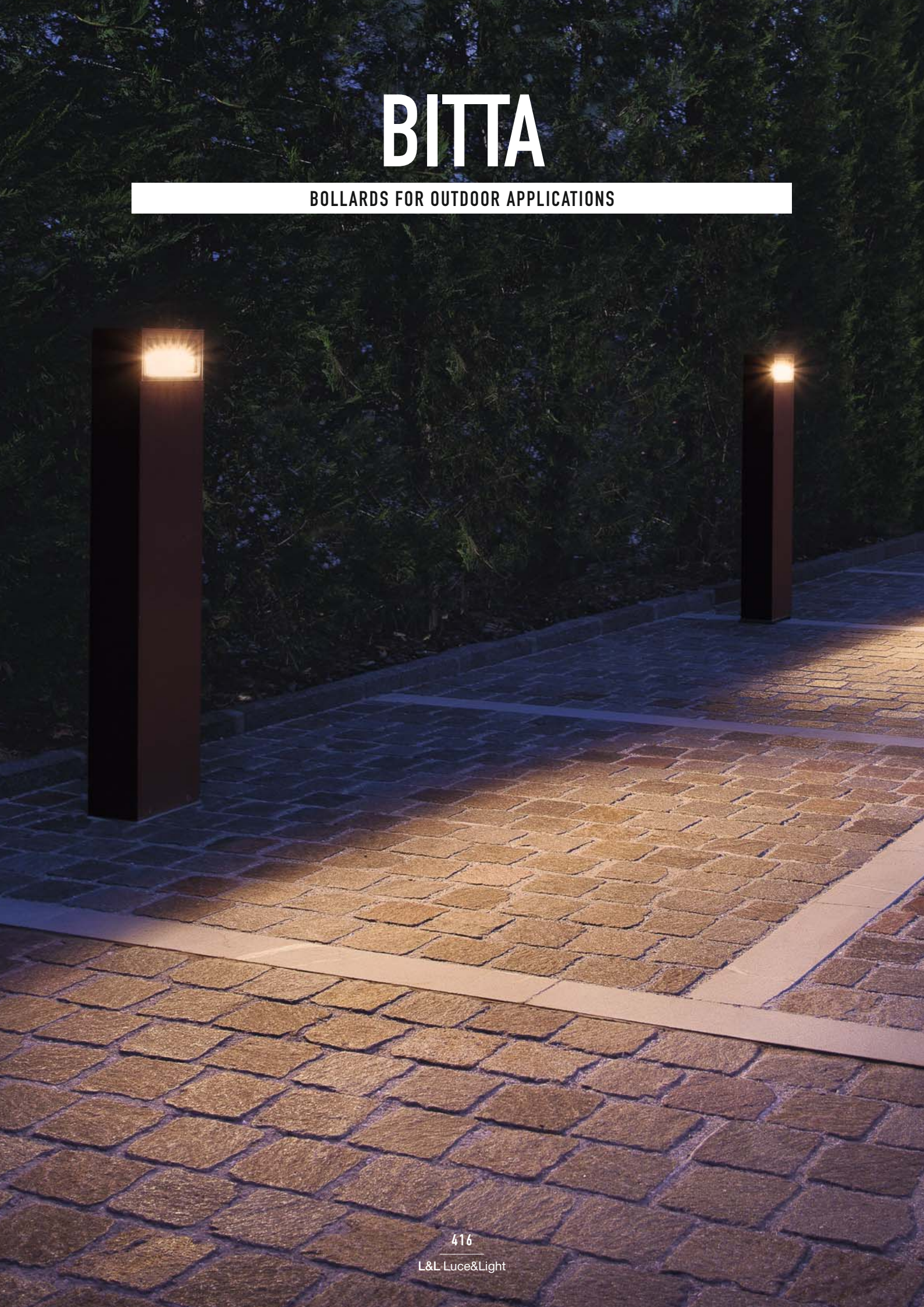


LINEAR 2.2
 3000K, 15W, anthracite, height 600 mm
 SPOT 1.6
 3000K, 2W, 10°
 Project by / Archingegno
 Light planning by / arch. Mariangela Alicino,
 ing. Alfonso Di Liddo
 Relais Sant'Agostino, Andria, Italy



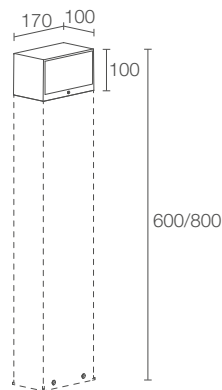
BITTA

BOLLARDS FOR OUTDOOR APPLICATIONS



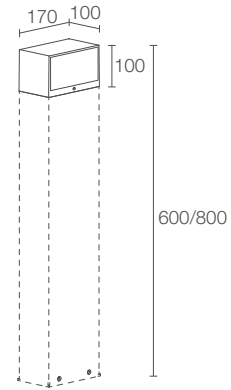


BITTA 1.0



CE LED TECH kg 4.80 h 600 mm kg 5.70 h 800 mm IP65 IK07
A A+ A++ PID

BITTA 1.1



CE LED TECH kg 4.80 h 600 mm kg 5.70 h 800 mm IP65 IK07
A A+ A++ PID

POWER / POWER SUPPLY CODE	10W 230Vac BT1010 A E White BT1010 A F Grey BT1010 A H Anthracite BT1010 A T Cor-ten
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K
OPTICS	asymmetrical
LUMEN OUTPUT AT SOURCE	727 lm (3000K)
DELIVERED LUMEN OUTPUT	256 lm (3000K)
NO. AND TYPE OF LED	5 power LEDs 1/4 ANSI BIN, 50000h L90 B10 (Ta 25°C)
MATERIAL	head in die-cast aluminium column in stainless steel screen in serigraphed, tempered, transparent extra-clear glass
POWER SUPPLY UNIT	built in
POWER CABLES	connection box with 0.30 m cable
MOUNTING	surface mounted (ground)
ACCESSORIES	see p. 418
PHOTOMETRIC DATA	see p. 729

POWER / POWER SUPPLY CODE	20W 230Vac BT1110 A E White BT1110 A F Grey BT1110 A H Anthracite BT1110 A T Cor-ten
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K
OPTICS	asymmetrical
LUMEN OUTPUT AT SOURCE	727 lm (3000K) per beam
DELIVERED LUMEN OUTPUT	256 lm (3000K) per beam
NO. AND TYPE OF LED	10 power LEDs 1/4 ANSI BIN, 50000h L90 B10 (Ta 25°C)
MATERIAL	head in die-cast aluminium column in stainless steel screen in serigraphed, tempered, transparent extra-clear glass
POWER SUPPLY UNIT	built in
POWER CABLES	connection box with 0.30 m cable
MOUNTING	surface mounted (ground)
ACCESSORIES	see p. 418
PHOTOMETRIC DATA	see p. 729

BITTA

ACCESSORIES

ACCESSORIES FOR INSTALLATION



h 600 mm including head

WT60600E - White
WT60600F - Grey
WT60600H - Anthracite
WT60600T - Cor-ten
Column



h 800 mm including head

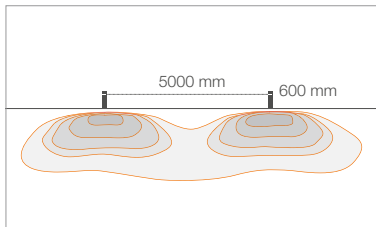
WT60800E - White
WT60800F - Grey
WT60800H - Anthracite
WT60800T - Cor-ten
Column

RAL finish available on request

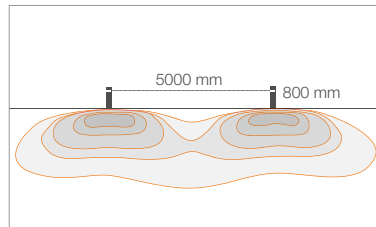
POSITIONING DIAGRAMS

BITTA 1.0

A - Asymmetrical



A - Asymmetrical







420

L&L Luce&Light

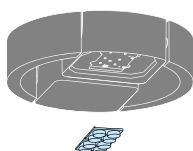


PALLADIANO

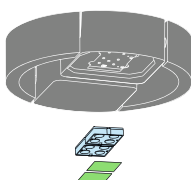
ALL-ROUND LIGHT FOR EVERY APPLICATION

DESIGN BY FRANCESCO IANNONE

ROTATIONALLY SYMMETRICAL OPTICS
STREET OPTICS



ROTATIONALLY SYMMETRICAL OPTICS
+ COLOUR FILTERS



SHADOW-EFFECT FILTERS



2700K 3000K 4000K

38W / 55W 230Vac, DALI, 1-10V, VIRTUAL MIDNIGHT, ON/OFF

PALLADIANO 1.0

p. 425



PROJECTOR



CEILING MOUNTED



WALL MOUNTED



BOLLARD

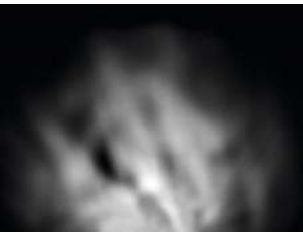


URBAN LIGHTING

PALLADIANO 1.1



OUTDOOR
SUSPENDED
p. 318



SHADOW-EFFECT FILTERS



WATER



FOREST



RAIN



LEAVES



PATH



**MATERIAL PROTECTION,
OXIDATION AND
CORROSION RESISTANCE**

Low-copper-content aluminium alloy EN AB 46100
Epoxy paint
Polyester paint
Paints compliant with Qualicoat standards
Salt spray tested (over 1500 hours)



**RAL FINISH
ON REQUEST**

**BODY IN DIE-CAST
LOW-COPPER-CONTENT
ALUMINIUM EN AB 46100,
FOR EXCELLENT RESISTANCE
TO CORROSION**



**CRI 80 AND CRI >90
VERSIONS FOR
IMPROVED COLOUR
RENDERING**



**SUITABLE
FOR OUTDOOR
APPLICATIONS**



**BUILT-IN
PROTECTION
SYSTEMS:**

**IPS
INTELLIGENT
PROTECTION
SYSTEM**



**PID
PROTECTIVE
IMPEDANCE
DEVICE**



**SPD
SURGE
PROTECTION
DEVICE**



PALLADIANO

UNIQUE SELLING POINTS



ARMS ROTATABLE
IN STEPS
OF 30°



HEAD
ADJUSTABLE
THROUGH 336°



THE INTEGRATED VIRTUAL
MIDNIGHT DEVICE
REDUCES LIGHT EMISSION
DURING THE NIGHT,
GIVING GREATER
OPERATING FLEXIBILITY
AND INCREASING
ENERGY SAVINGS



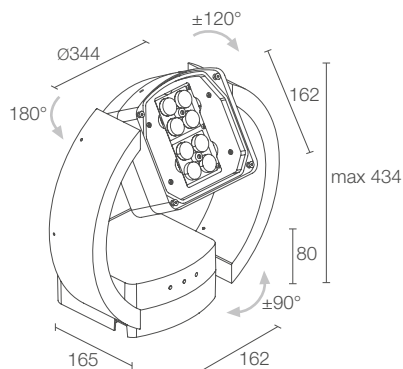
SCREEN IN TRANSPARENT
AND SERIGRAPHED
POLYCARBONATE
WITH ANTI-UV TREATMENT,
HIGH TRANSMITTANCE TO ENSURE
CHROMATIC UNIFORMITY,
AND EXCELLENT RESISTANCE
TO KNOCKS AND SCRATCHES

IK10





PALLADIANO 1.0



Optics not included



POWER SUPPLY CODE	230Vac PD101 ■■■■ E White PD101 ■■■■ H Anthracite PD101 ■■■■ T Cor-ten PD101 ■■■■ U Copper
POWER	0 - 38W 1 - 55W
CRI	0 - CRI 80 1 - CRI >90
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
CONTROL SYSTEM	0 - 1-10V+PUSH 1 - DALI 2 - virtual midnight 3 - on/off Casambi on request
LUMEN OUTPUT AT SOURCE	3905 lm (3000K, 38W, CRI 80) 5256 lm (3000K, 55W, CRI 80)
DELIVERED LUMEN OUTPUT	2300 lm (3000K, 38°, 38W, CRI 80) 3200 lm (3000K, 38°, 55W, CRI 80)
NO. AND TYPE OF LED	8 high intensity power LEDs 3-step MacAdam, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in die-cast aluminium screen in transparent, serigraphed polycarbonate
POWER SUPPLY UNIT	built in
POWER CABLES	includes 5 m neoprene cable H05RN-F 2x1.00/1.00 Ø6.8 mm
MOUNTING	surface mounted (ceiling, wall, ground, pole)
ACCESSORIES	see p. 426
DESIGN BY	Francesco Iannone
PHOTOMETRIC DATA	see p. 794 and 795

PALLADIANO

ACCESSORIES

OPTICAL ACCESSORIES

WR0301 - 15°

WR0302 - 24°

WR0303 - 38°

WR0304 - 54°

WR0305 - 14°x56°

Optics

WR0306 - 153°x107°

WR0307 - 85°x85°

WR0308 - 130°x130°

WR0309 - 119°x92°

WR0310 - 158°x110°

WR0311 - 149°x106°

WR0312 - 160°x112°

WR0313 - 162°x116°

WR0314 - 165°x110°

WR0315 - 145°x115°

WR0316 - 110°x80°

WR0317 - 145°x120°

WR0318 - 135°x135°

WR0319 - 47°x47°

WR0320 - 90°x90°

Street optics

ACCESSORIES FOR INSTALLATION



WM0412E - White

WM0412H - Anthracite

WM0412T - Cor-ten

WM0412U - Copper

Base plate



WM0411E - White

WM0411H - Anthracite

WM0411T - Cor-ten

WM0411U - Copper

Plate mounting on pole



WM0410E - White

WM0410H - Anthracite

WM0410T - Cor-ten

WM0410U - Copper

Bracket for mounting on column / spacer



h 320 mm

WD0410E - White

WD0410H - Anthracite

WD0410T - Cor-ten

WD0410U - Copper

Column / Spacer



h 640 mm

WD0411E - White

WD0411H - Anthracite

WD0411T - Cor-ten

WD0411U - Copper

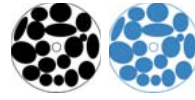
Column / Spacer



WR0321 - Water
WR0322 - Blue water
Shadow-effect filter



WR0323 - Forest
WR0324 - Green forest
Shadow-effect filter



WR0325 - Rain
WR0326 - Blue rain
Shadow-effect filter



WR0327 - Leaves
WR0328 - Green leaves
Shadow-effect filter



WR0329 - Blurred
WR0330 - Orange blurred
Shadow-effect filter



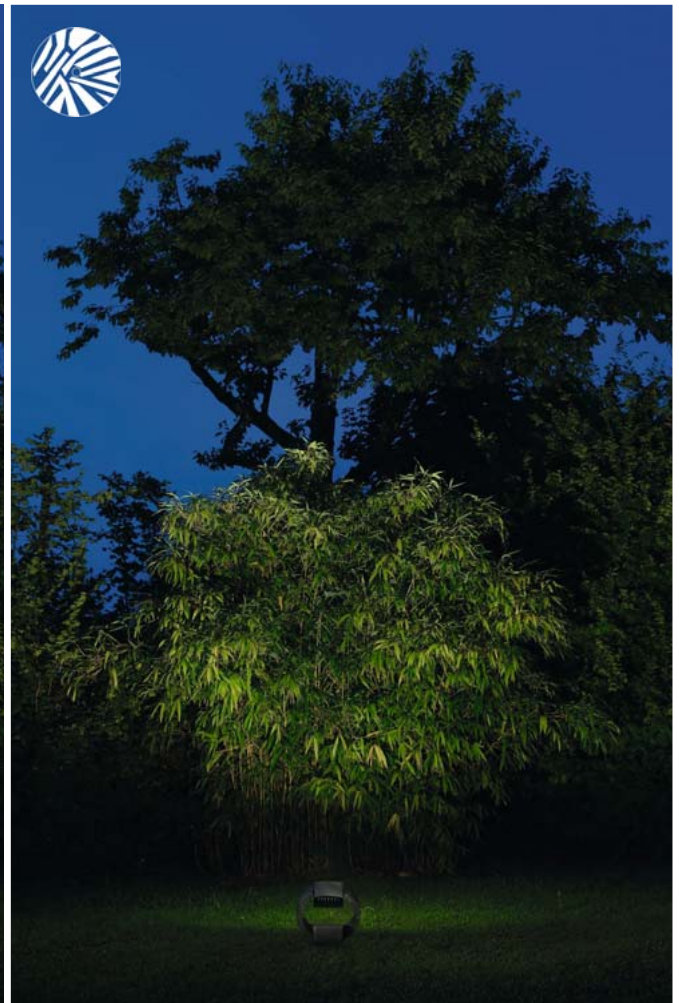
WR0331 - Path
WR0332 - Green path
Shadow-effect filter



WR0333 - Red
WR0334 - Green
WR0335 - Blue
Colour filter

Shadow-effect filter: order instead of optics

Colour filter: order in addition to the 15°, 24°, 38°, 54° and 14°x56° optics

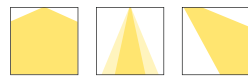






SIRI BLVD

URBAN LIGHTING

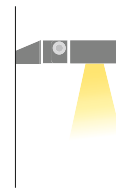


pedestrian zone cycle and footpath asymmetrical

2700K 3000K 4000K



POLE MOUNTED



WALL MOUNTED



SIRI BLVD 1.0 p. 430
38W 230Vac
virtual midnight, ON/OFF



SIRI BLVD 2.0 p. 431
38W 230Vac
virtual midnight, ON/OFF



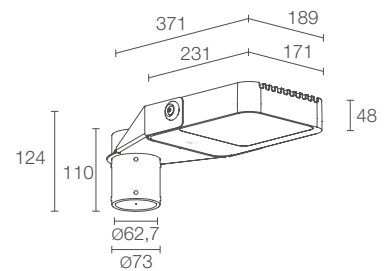
SIRI BLVD 3.0 p. 431
38W 230Vac
virtual midnight, ON/OFF

< **SIRI BLVD 3.0**
4000K, 38W, pedestrian-zone optics
with angled wall bracket

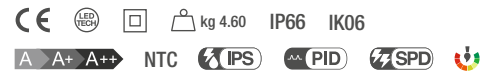
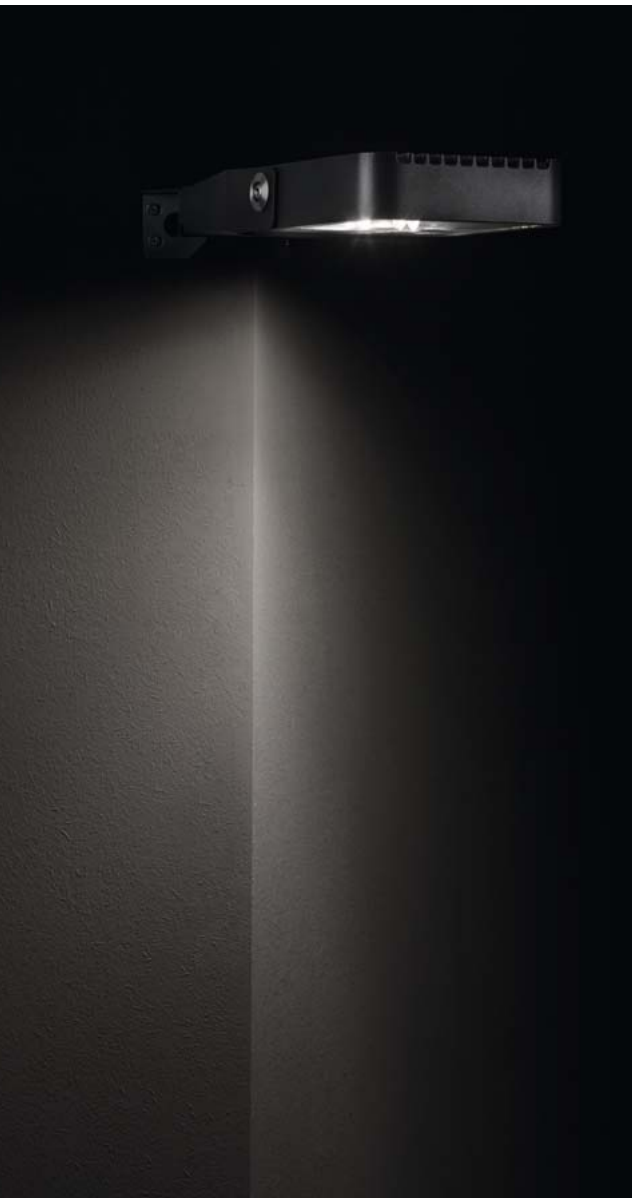
SIRI BLVD



SIRI BLVD 1.0



✓
SIRI BLVD 3.0
 4000K, 38W, pedestrian-zone optics
 with angled wall bracket



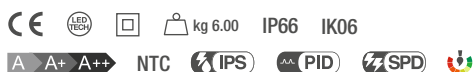
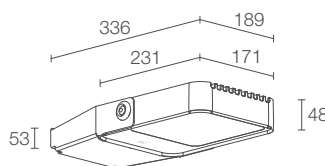
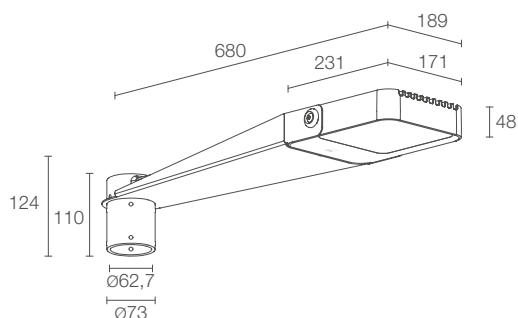
POWER / POWER SUPPLY CODE	38W 230Vac SL1010 ■ ■ H Anthracite 38W 230Vac VIRTUAL MIDNIGHT SL1010 ■ ■ HM Anthracite
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	A - pedestrian zone B - asymmetrical C - footpath D - cycle path
LUMEN OUTPUT AT SOURCE	3402 lm (3000K)
DELIVERED LUMEN OUTPUT	2110 lm (3000K, pedestrian zone)
NO. AND TYPE OF LED	4 high-intensity power LEDs 3-step MacAdam, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in die-cast aluminium screen in serigraphed, tempered extra-clear glass
POWER SUPPLY UNIT	built in
POWER CABLES	includes 5 m neoprene cable H05RN-F 2x1.00 Ø7.00 mm
MOUNTING	on pole, Ø60 mm
MAX EXPOSED SURFACE	0.056 m ²
LATERAL SURFACE	0.021 m ²
ACCESSORIES	none
NOTES	double-beam version available on request DALI version available on request
PHOTOMETRIC DATA	see p. 811



SIRI BLVD 2.0



SIRI BLVD 3.0



38W 230Vac
SL2010 ■ ■ H Anthracite

38W 230Vac VIRTUAL MIDNIGHT
SL2010 ■ ■ HM Anthracite

■ F - 2700K
5 - 3000K
9 - 4000K

■ A - pedestrian zone
B - asymmetrical
C - footpath
D - cycle path

3402 lm (3000K)

2110 lm (3000K, pedestrian zone)

4 high-intensity power LEDs
3-step MacAdam, 50000h L90 B10 (Ta 25°C)

body in die-cast aluminium
screen in serigraphed, tempered extra-clear glass

built in

includes 5 m neoprene cable
H05RN-F 2x1.00 Ø7.00 mm

on pole, Ø60 mm

0.098 m²

0.032 m²

none

double-beam version available on request
DALI version available on request

see p. 811

38W 230Vac
SL3010 ■ ■ H Anthracite

38W 230Vac VIRTUAL MIDNIGHT
SL3010 ■ ■ HM Anthracite

■ F - 2700K
5 - 3000K
9 - 4000K

■ A - pedestrian zone
B - asymmetrical
C - footpath
D - cycle path

3402 lm (3000K)

2110 lm (3000K, pedestrian zone)

4 high-intensity power LEDs
3-step MacAdam, 50000h L90 B10 (Ta 25°C)

body in die-cast aluminium
screen in serigraphed, tempered extra-clear glass

built in

includes 5 m neoprene cable
H05RN-F 2x1.00 Ø7.00 mm

surface mounted (wall)

0.056 m²

0.016 m²

see p. 432

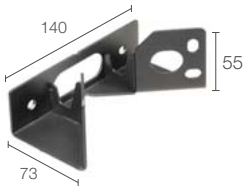
DALI version available on request

see p. 811

SIRI BLVD

ACCESSORIES

ACCESSORIES FOR INSTALLATION



WD0700H - Anthracite

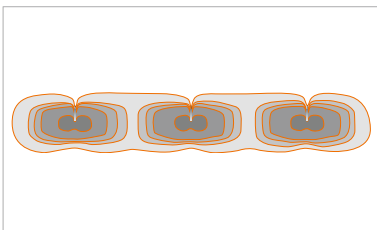
Angled wall bracket
(Siri Blvd 3.0)

POSITIONING DIAGRAMS

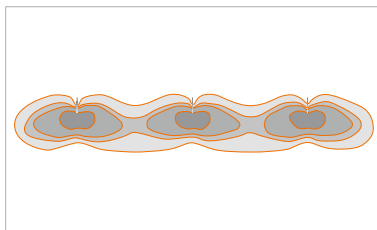
SIRI BLVD 2.0

Distance between fixtures: 20 m
Mounted on 4-m pole

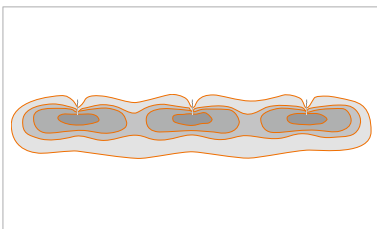
A - Pedestrian zone



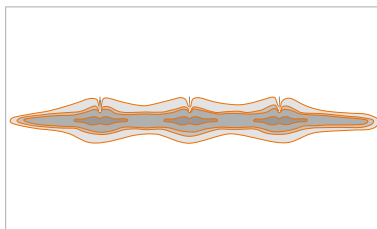
B - Asymmetrical



C - Footpath



D - Cycle path



SIRI BLVD 1.0 >
3000K, 38W, asymmetrical

Project by / Studio di Architettura
Andrea Abbadessa,
ing. Ignazio Stancanelli,
ing. Giuseppe Malatino
Light planning by / Light Style
Maniace-Ortigia, Syracuse, Italy





1 **COMBINA D** p. 439

2 **TURIS** p. 454

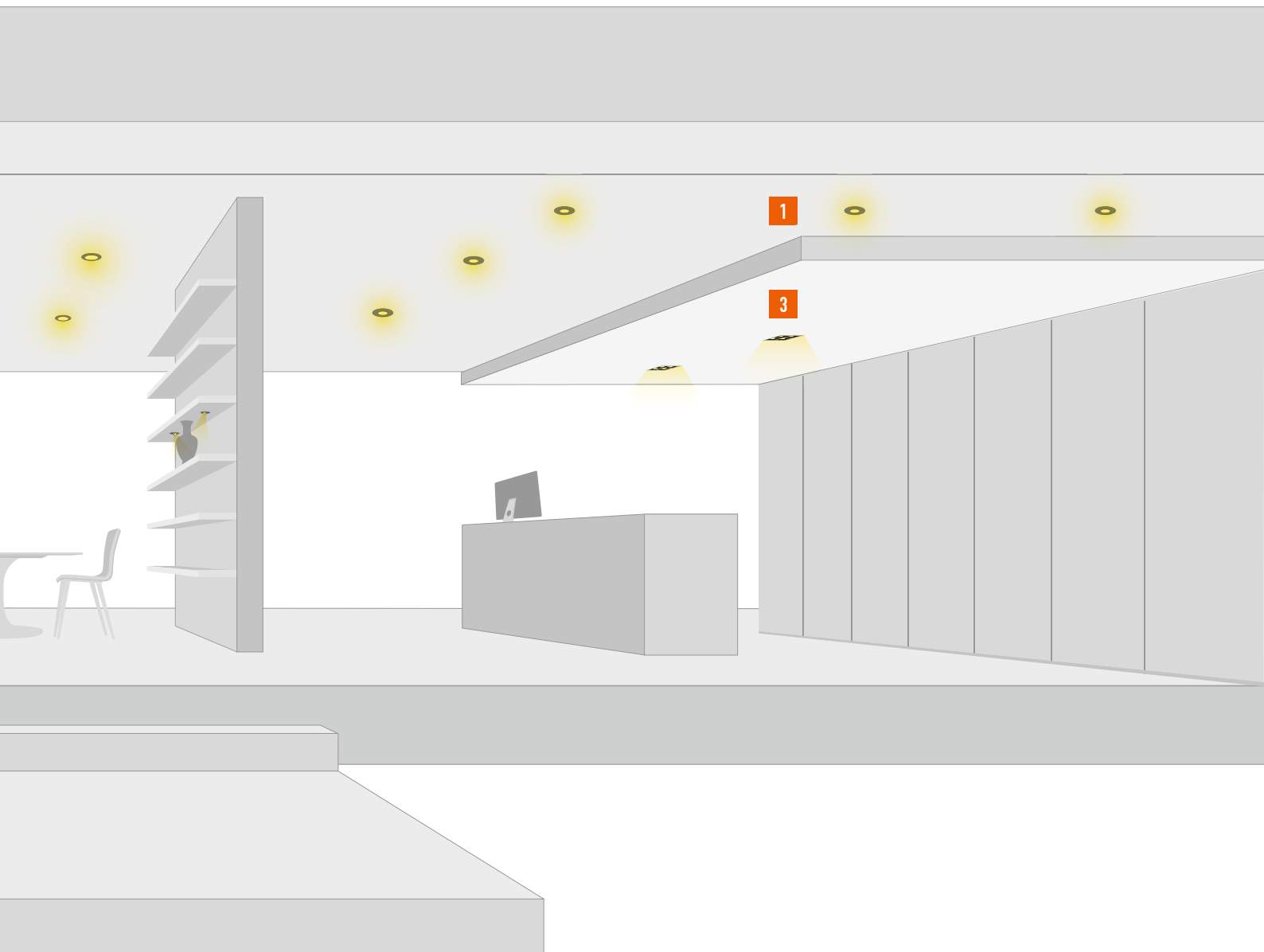
3 **BITPOP** p. 472

4 **CIAK** p. 480

5 **CAMEO** p. 490

RECESSED

FOR INDOOR APPLICATIONS



6 ESEM p. 500

7 EYES p. 514

8 QUAD p. 524

9 LED OPTICAL FIBRES p. 542



COMBINA D
see p. 439



TURIS
see p. 454












































BITPOP
see p. 472

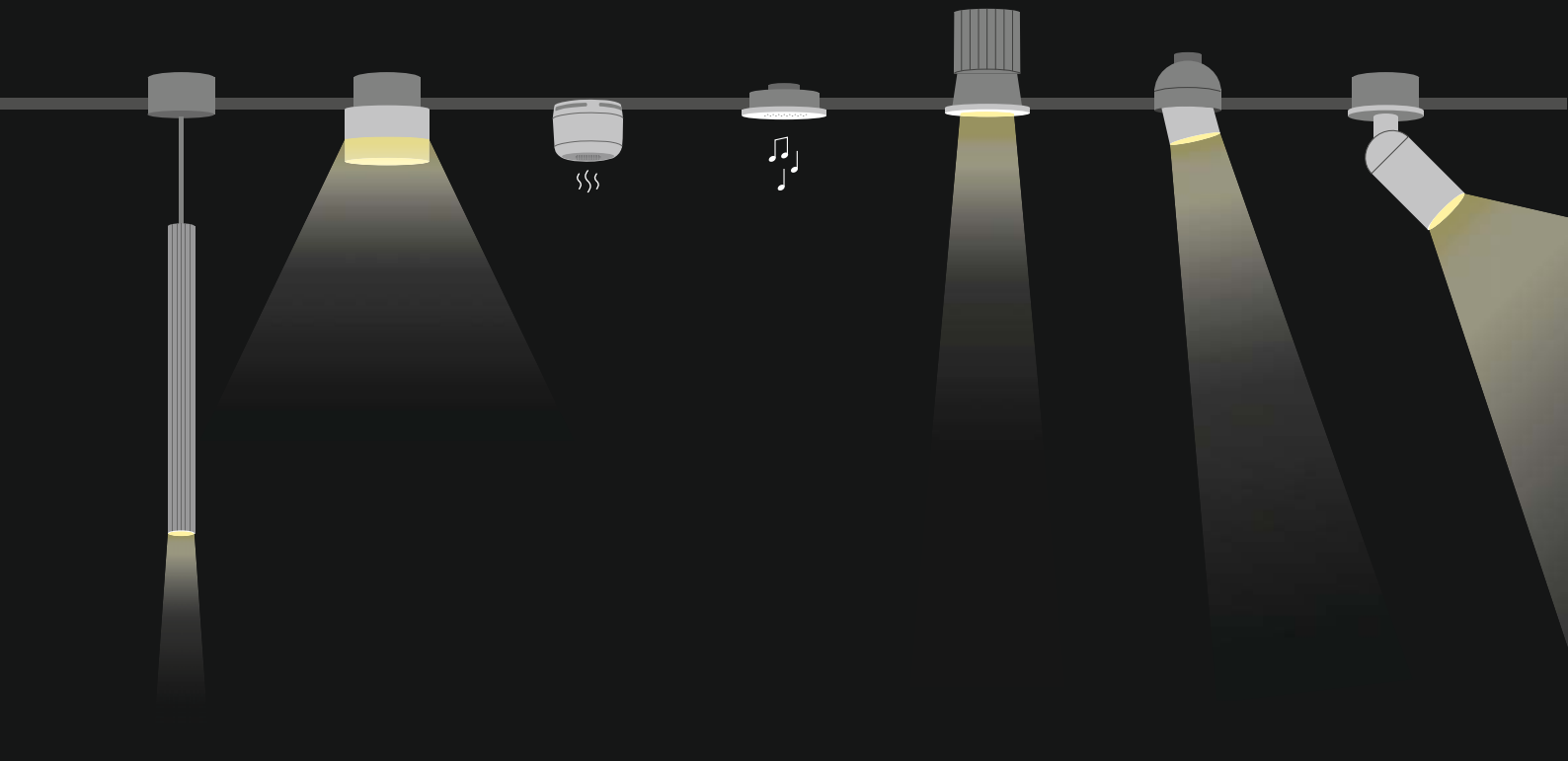


CIAK
see p. 480

APPLICATION	architectural lighting	residential general lighting	offices and work spaces	museums and retail, showcases and niches
SHAPE				
MOUNTING	CEILING / WALL FLUSH / WITH FRAME 			
BEAM	DIFFUSE VERSION FIXED OPTICS 			
	OPTICS VERSION FIXED OPTICS / TILTABLE / ZOOM LENS 			
POINTS OF LIGHT				
LIGHT COLOUR	 2700K 3000K 4000K	 2700K 3000K 4000K	 2700K 3000K 4000K	 2700K 3000K 4000K
POWER	6–29W	4.5–30W	6.5–50W	1.5–5W
DELIVERED LUMEN OUTPUT (3000K)	293–2363 lm	295–2430 lm	335–2680 lm	144–303 lm
POWER SUPPLY	CONSTANT CURRENT power supply unit not included	max 300mA max 400mA max 500mA max 800mA		max 500mA
	CONSTANT VOLTAGE power supply unit not included		24Vdc	24Vdc
	MAINS VOLTAGE built-in power supply unit / included		230Vac	230Vac
CONTROL SYSTEM		DALI, 1-10V mains dimming	DALI 1-10V	
IP	IP20 IP44 with filter	IP40 IP44 installed	IP40 IP44 installed	IP40
APPLIANCE CLASS				
UNIQUE SELLING POINTS	version with primer CRI >97		UGR < 10 for 17° and 30° optics	rotatable up to 350° on vertical axis tiltable up to 70° on horizontal axis

					
CAMEO see p. 490	ESEM see p. 500	EYES see p. 514	QUAD see p. 524	ECHO LED see p. 538	LED OPTICAL FIBRES see p. 542
residential false ceilings and niches	residential and hospitality showcases and false ceiling	starry sky, shelves, showcases and false ceilings	residential and retail, false ceilings	general lighting	starry sky
					
					
					
					
 2700K 3000K 4000K	 2700K 3000K 4000K 5000K	 2700K 3000K 4000K 5000K  blue	 2700K 3000K 4000K 5000K  blue RGB	 3000K 4000K	 2700K 3000K 4000K 5000K  blue RGB
1.5–5W	2–14W	1–2W	6–40W	18–36W	max 3W
50–303 lm	122–957 lm	54–115 lm	336–2850 lm	1250–2418 lm	107 lm
max 500mA	max 350mA max 500mA	max 350mA max 500mA	max 500mA		max 350mA (RGB light) max 700mA (white/blue light)
24Vdc	24Vdc	24Vdc		230Vac	
	230Vac DALI, 1-10V mains dimming		230Vac DALI 1-10V	230Vac	
IP40	IP20 / IP40 IP44 installed	IP40 IP44 installed	IP40 IP43 installed	IP40 IP44 installed	IP44
					

COMBINA SYSTEM



SUSPENDED



CEILING MOUNTED



AIR PURIFIER



RECESSED SPEAKER



RECESSED

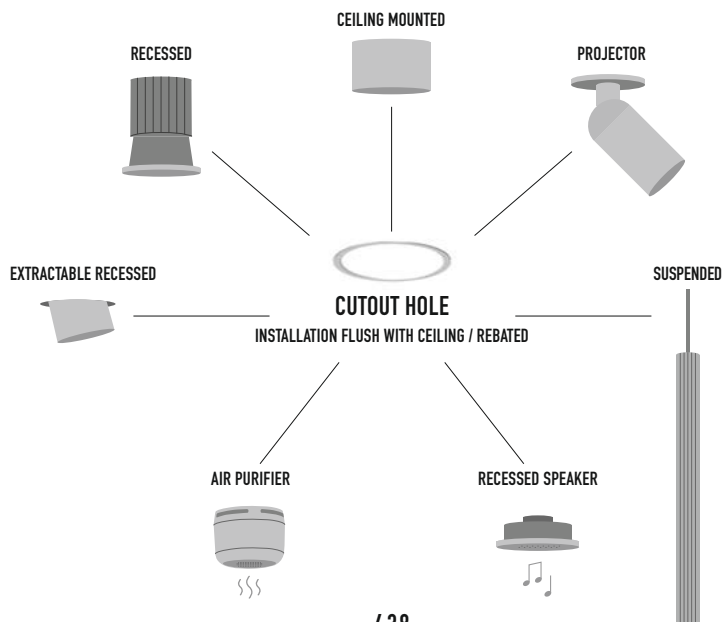


EXTRACTABLE RECESSED



PROJECTOR

Combina System is a range of lighting fixtures that feature huge versatility. The type of fixture can be changed at any time, even after installation, thanks to their unique, multipurpose cutout hole. Currently only available in a downlight version, Combina System will soon be available as an extractable recessed, suspended or ceiling-mounted lighting fixture, projector, speaker or air purifier.



COMBINA D

INTERCHANGEABLE INDOOR RECESSED DOWNLIGHTS
FOR SHOWROOMS, OFFICES AND RETAIL

In the downlight version, the practical connection system
on the cover means its appearance can be customized,
while its light output can be altered by applying optical filters.

BUILD THE VERSION YOU WANT IN THREE STEPS

1

CHOOSE THE FIXTURE BODY



FIXED BODY



ADJUSTABLE BODY

2

CHOOSE THE RETAINING BEZEL



ROUND BEZEL
FOR INSTALLATION FLUSH
WITH CEILING



SQUARE BEZEL
FOR INSTALLATION FLUSH
WITH CEILING



ROUND BEZEL
FOR REBATED
INSTALLATION



SQUARE BEZEL
FOR REBATED
INSTALLATION

3

LASTLY, CHOOSE THE COVER



FLAT,
ROUND COVER



FLAT,
SQUARE COVER



SHALLOW,
ROUND COVER



SHALLOW,
SQUARE COVER



DEEP,
ROUND COVER
only compatible with
the fixed body



DEEP,
SQUARE COVER
only compatible with
the fixed body

CHOOSE COMBINA D USING THE ONLINE CONFIGURATOR AT WWW.LUCELIGHT.IT



COMBINA D

INTERCHANGEABLE INDOOR RECESSED DOWNLIGHTS
FOR SHOWROOMS, OFFICES AND RETAIL



narrow medium wide elliptical diffuse

max 6W max 500mA

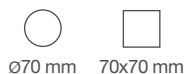
max 11W max 300mA

max 15W max 400mA

max 29W 800mA



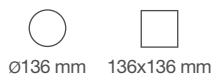
2700K 3000K 4000K



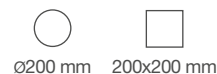
Ø70 mm 70x70 mm



Ø85 mm 85x85 mm



Ø136 mm 136x136 mm



Ø200 mm 200x200 mm

FIXED OPTICS



COMBINA D 1.0 p. 444

COMBINA D 2.0 p. 445

COMBINA D 3.0 p. 446

COMBINA D 4.0 p. 447

TILTABLE OPTICS



COMBINA D 1.1 p. 444

COMBINA D 2.1 p. 445

COMBINA D 3.1 p. 446

COMBINA D 4.1 p. 447

< COMBINA D 2.0
3000K, 11W, 30°
COMBINA D 2.1
3000K, 11W, 30°-25° + elliptical filter
black, flat, round cover,
installed flush with ceiling
Courtesy of / Désirée Divani



deep,
round cover



shallow,
round cover



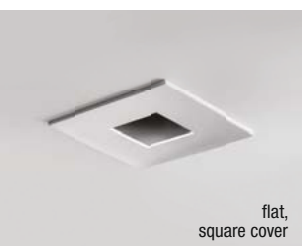
flat,
round cover



deep,
square cover



shallow,
square cover



flat,
square cover

COMBINA D CAN RESPOND TO CHANGING LIGHTING NEEDS THANKS TO ITS UNIQUE CUTOUT HOLE AND INTERCHANGEABLE ELEMENTS. AT ANY TIME, THE FIXED BODY CAN BE REPLACED WITH THE ADJUSTABLE VERSION, THE SHAPE AND FINISH OF THE COVER CAN BE CHANGED, AND THE LIGHT OUTPUT CAN BE ALTERED BY ADDING OPTICAL FILTERS

BODY IN
DIE-CAST ALUMINIUM
AND BAYBLEND

RETAINING BEZEL
ENABLES INSTALLATION
TO BE REBATED OR
FLUSH WITH CEILING

COVER
FLAT AND SHALLOW VERSIONS
COMBINED WITH DEEP-SET OPTICS
PRODUCE A LIGHT OUTPUT THAT
PROVIDES HIGH VISUAL COMFORT
WITH AN UGR <13, WHILE THE DEEP
VERSION HAS AN UGR <19

OPTICAL ACCESSORIES
THE OPTICAL FILTERS ALTER THE
OPTICS' LIGHT EFFECTS TO PRODUCE
A DIFFUSE OR ELLIPTICAL OUTPUT.
ALL FILTERS CAN BE STILL APPLIED
TO DOWNLIGHTS AFTER INSTALLATION
BECAUSE OF THE SPECIAL HOUSING
PROVIDED IN THE FIXTURE'S COVER



RAL FINISH
ON REQUEST

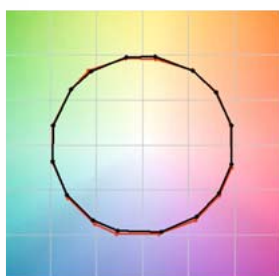


COMBINA D

UNIQUE SELLING POINTS



COLOR VECTOR GRAPHIC



Reference 
Measured 

CRI >97 AND TM-30
MAXIMUM COLOUR RENDITION
THANKS TO LED LIGHT
SOURCES WITH CRI >90
AND CRI >97

REMOTE PHOSPHOR
TECHNOLOGY AND
2-STEP MACADAM
(COMBINA D 2 / 3 / 4)
GUARANTEE COLOUR-BRIGHTNESS
CONSISTENCY OVER TIME

THE BLACK INTERIOR
OF THE OPTICAL
UNIT HELPS
TO CONTROL
REFLECTANCE AND
AVOID UNWANTED
REFLECTIONS

THE ADJUSTABLE VERSIONS
OF COMBINA D ALLOW
THE BODY TO BE
ROTATED THROUGH
350° AND TILTED THROUGH
30° TO DIRECT THE
LIGHT BEAM PRECISELY



EASY TO WIRE
BECAUSE ELECTRICAL
CABLES CAN BE
CONNECTED
DIRECTLY TO THE
CONNECTOR



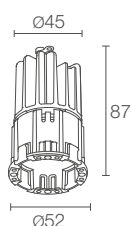
THE PRIMER COATING
MEANS THE COVER CAN
BE FINISHED IN THE
SAME PAINT AS THE
CEILING, SO THAT THE
FIXTURE BLENDS INTO
THE BACKGROUND



COMBINA D 1



COMBINA D 1.0

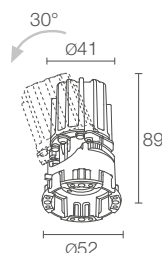


Required installation accessories, not included



POWER / POWER SUPPLY CODE	max 6W max 500mA CC10201000 0 0 0	
CRI	CRI >90	
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K	
OPTICS	flat/shallow cover: S - 16° M - 22° L - 33°	deep cover: S - 16° M - 23° L - 42°
LUMEN OUTPUT AT SOURCE	637 lm (3000K, 500mA)	
DELIVERED LUMEN OUTPUT	345 lm (3000K, 500mA, 16°)	
NO. AND TYPE OF LED	1 high intensity power LED 3-step MacAdam, 50000h L90 B10 (Ta 25°C)	
MATERIAL	body in die-cast aluminium and Bayblend bezel and cover in die-cast aluminium	
POWER SUPPLY UNIT	not included, see p. 452 and 844	
POWER CABLES	includes 2x0.30 m single-core PVC cables	
WIRING	series	
MOUNTING	recessed (ceiling)	
ACCESSORIES	see p. 448 - 451	
FEATURES	UGR <13 for versions with flat and shallow covers UGR <19 for versions with deep cover	
PHOTOMETRIC DATA	see p. 745 and 746	

COMBINA D 1.1



Required installation accessories, not included

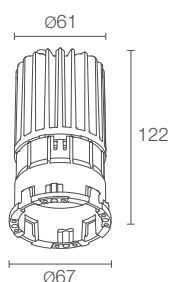


POWER / POWER SUPPLY CODE	max 6W max 500mA CC11201000 0 0 0	
CRI	CRI >90	
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K	
OPTICS	S - 16° tiltable ±30° M - 22° tiltable ±30° L - 33° tiltable ±30°	
LUMEN OUTPUT AT SOURCE	637 lm (3000K, 500mA)	
DELIVERED LUMEN OUTPUT	293 lm (3000K, 500mA, 16°)	
NO. AND TYPE OF LED	1 high intensity power LED 3-step MacAdam, 50000h L90 B10 (Ta 25°C)	
MATERIAL	body in die-cast aluminium and Bayblend bezel and cover in die-cast aluminium	
POWER SUPPLY UNIT	not included, see p. 452 and 844	
POWER CABLES	includes 2x0.30 m single-core PVC cables	
WIRING	series	
MOUNTING	recessed (ceiling)	
ACCESSORIES	see p. 448 - 451	
FEATURES	UGR <13	
PHOTOMETRIC DATA	see p. 745 and 746	

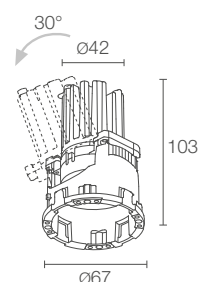
COMBINA D 2



COMBINA D 2.0



COMBINA D 2.1



Required installation accessories, not included



Required installation accessories, not included



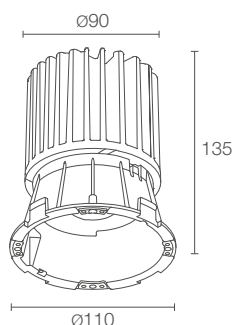
POWER / POWER SUPPLY CODE	max 11W max 300mA CC2020 000 0 0 0
CRI	1 - CRI >90 2 - CRI >97 (only 2700K, 3000K)
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	S - 25° M - 30° L - 36°
LUMEN OUTPUT AT SOURCE	960 lm (3000K, 300mA, CRI >90)
DELIVERED LUMEN OUTPUT	907 lm (3000K, 300mA, 36°, CRI >90)
NO. AND TYPE OF LED	1 high intensity power LED 2-step MacAdam, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in die-cast aluminium and Bayblend bezel and cover in die-cast aluminium
POWER SUPPLY UNIT	not included, see p. 452 and 844
POWER CABLES	includes 2x0.30 m single-core PVC cables
WIRING	series
MOUNTING	recessed (ceiling)
ACCESSORIES	see p. 448 - 451
FEATURES	UGR <13 for versions with flat and shallow covers UGR <19 for versions with deep cover
PHOTOMETRIC DATA	see p. 746 and 747

POWER / POWER SUPPLY CODE	max 11W max 300mA CC2120 000 0 0 0
CRI	1 - CRI >90 2 - CRI >97 (only 2700K, 3000K)
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	S - 25° tilttable ±30° M - 30° tilttable ±30° L - 36° tilttable ±30°
LUMEN OUTPUT AT SOURCE	960 lm (3000K, 300mA, CRI >90)
DELIVERED LUMEN OUTPUT	756 lm (3000K, 300mA, 36°, CRI >90)
NO. AND TYPE OF LED	1 high intensity power LED 2-step MacAdam, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in die-cast aluminium and Bayblend bezel and cover in die-cast aluminium
POWER SUPPLY UNIT	not included, see p. 452 and 844
POWER CABLES	includes 2x0.30 m single-core PVC cables
WIRING	series
MOUNTING	recessed (ceiling)
ACCESSORIES	see p. 448 - 451
FEATURES	UGR <13
PHOTOMETRIC DATA	see p. 746 and 747

COMBINA D 3



COMBINA D 3.0



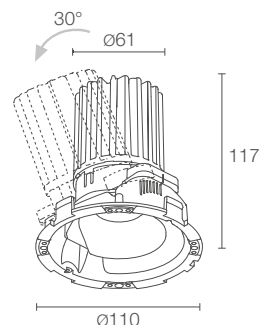
Required installation accessories, not included



POWER / POWER SUPPLY CODE	max 15W max 400mA CC3020 000 0 0 0
CRI	1 - CRI >90 2 - CRI >97 (only 2700K, 3000K)
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	S - 18° M - 29° L - 36°
LUMEN OUTPUT AT SOURCE	1349 lm (3000K, 400mA, CRI >90)
DELIVERED LUMEN OUTPUT	1177 lm (3000K, 400mA, 36°, CRI >90)
NO. AND TYPE OF LED	1 high intensity power LED 2-step MacAdam, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in die-cast aluminium and Bayblend bezel and cover in die-cast aluminium
POWER SUPPLY UNIT	not included, see p. 452 and 844
POWER CABLES	includes 2x0.30 m single-core PVC cables
WIRING	series
MOUNTING	recessed (ceiling)
ACCESSORIES	see p. 448 - 451
FEATURES	UGR <13 for versions with flat and shallow covers UGR <19 for versions with deep cover
PHOTOMETRIC DATA	see p. 748 and 749



COMBINA D 3.1



Required installation accessories, not included

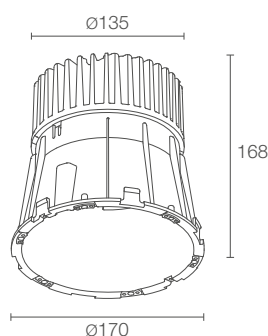


POWER / POWER SUPPLY CODE	max 15W max 400mA CC3120 000 0 0 0
CRI	1 - CRI >90 2 - CRI >97 (only 2700K, 3000K)
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	S - 18° tiltable ±30° M - 29° tiltable ±30° L - 36° tiltable ±30°
LUMEN OUTPUT AT SOURCE	1349 lm (3000K, 400mA, CRI >90)
DELIVERED LUMEN OUTPUT	1094 lm (3000K, 400mA, 36°, CRI >90)
NO. AND TYPE OF LED	1 high intensity power LED 2-step MacAdam, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in die-cast aluminium and Bayblend bezel and cover in die-cast aluminium
POWER SUPPLY UNIT	not included, see p. 452 and 844
POWER CABLES	includes 2x0.30 m single-core PVC cables
WIRING	series
MOUNTING	recessed (ceiling)
ACCESSORIES	see p. 448 - 451
FEATURES	UGR <13
PHOTOMETRIC DATA	see p. 748 and 749

COMBINA D 4



COMBINA D 4.0



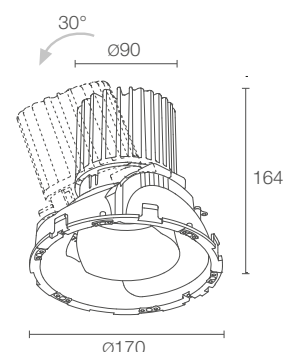
Required installation accessories, not included



POWER / POWER SUPPLY CODE	max 29W max 800mA CC4020 000 0 0 0
CRI	1 - CRI >90 2 - CRI >97 (only 2700K, 3000K)
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	flat/shallow cover: S - 20° M - 29° L - 38° deep cover: S - 21° M - 30° L - 41°
LUMEN OUTPUT AT SOURCE	2829 lm (3000K, 800mA, CRI >90)
DELIVERED LUMEN OUTPUT	2363 lm (3000K, 800mA, 41°, CRI >90)
NO. AND TYPE OF LED	1 high intensity power LED 2-step MacAdam, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in die-cast aluminium and Bayblend bezel and cover in die-cast aluminium
POWER SUPPLY UNIT	not included, see p. 452 and 844
POWER CABLES	includes 2x0.30 m single-core PVC cables
WIRING	series
MOUNTING	recessed (ceiling)
ACCESSORIES	see p. 448 - 451
FEATURES	UGR <13 for versions with flat and shallow covers UGR <19 for versions with deep cover
PHOTOMETRIC DATA	see p. 749 and 750



COMBINA D 4.1






Required installation accessories, not included






POWER / POWER SUPPLY CODE	max 29W max 800mA CC4120 000 0 0 0
CRI	1 - CRI >90 2 - CRI >97 (only 2700K, 3000K)
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	S - 20° tilttable ±30° M - 29° tilttable ±30° L - 38° tilttable ±30°
LUMEN OUTPUT AT SOURCE	2829 lm (3000K, 800mA, CRI >90)
DELIVERED LUMEN OUTPUT	2260 lm (3000K, 800mA, 20°, CRI >90)
NO. AND TYPE OF LED	1 high intensity power LED 2-step MacAdam, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in die-cast aluminium and Bayblend bezel and cover in die-cast aluminium
POWER SUPPLY UNIT	not included, see p. 452 and 844
POWER CABLES	includes 2x0.30 m single-core PVC cables
WIRING	series
MOUNTING	recessed (ceiling)
ACCESSORIES	see p. 448 - 451
FEATURES	UGR <13
PHOTOMETRIC DATA	see p. 749 and 750

COMBINA D





















ACCESSORIES





	COMBINA D 1	COMBINA D 2	COMBINA D 3	COMBINA D 4
<p>ACCESSORIES required installation accessories, not included</p>  <p>Flat, round cover</p>	<p>WZCC1010E White WZCC1010N Black WZCC1010Z Antique bronze WZCC10108 Primer</p>	<p>WZCC2010E White WZCC2010N Black WZCC2010Z Antique bronze WZCC20108 Primer</p>	<p>WZCC3010E White WZCC3010N Black WZCC3010Z Antique bronze WZCC30108 Primer</p>	<p>WZCC4010E White WZCC4010N Black WZCC4010Z Antique bronze WZCC40108 Primer</p>
 <p>Shallow, round cover</p>	<p>WZCC1030E White WZCC1030N Black WZCC1030Z Antique bronze WZCC10308 Primer</p>	<p>WZCC2030E White WZCC2030N Black WZCC2030Z Antique bronze WZCC20308 Primer</p>	<p>WZCC3030E White WZCC3030N Black WZCC3030Z Antique bronze WZCC30308 Primer</p>	<p>WZCC4030E White WZCC4030N Black WZCC4030Z Antique bronze WZCC40308 Primer</p>
 <p>Deep, round cover</p>	<p>WZCC1050E White WZCC1050N Black WZCC1050Z Antique bronze WZCC10508 Primer (Combina D 1.0)</p>	<p>WZCC2050E White WZCC2050N Black WZCC2050Z Antique bronze WZCC20508 Primer (Combina D 2.0)</p>	<p>WZCC3050E White WZCC3050N Black WZCC3050Z Antique bronze WZCC30508 Primer (Combina D 3.0)</p>	<p>WZCC4050E White WZCC4050N Black WZCC4050Z Antique bronze WZCC40508 Primer (Combina D 4.0)</p>

	COMBINA D 1	COMBINA D 2	COMBINA D 3	COMBINA D 4
<p>ACCESSORIES required installation accessories, not included</p>  <p>Flat, square cover</p>	<p>WZCC1020E White WZCC1020N Black WZCC1020Z Antique bronze WZCC10208 Primer</p>	<p>WZCC2020E White WZCC2020N Black WZCC2020Z Antique bronze WZCC20208 Primer</p>	<p>WZCC3020E White WZCC3020N Black WZCC3020Z Antique bronze WZCC30208 Primer</p>	<p>WZCC4020E White WZCC4020N Black WZCC4020Z Antique bronze WZCC40208 Primer</p>
 <p>Shallow, square cover</p>	<p>WZCC1040E White WZCC1040N Nero WZCC1040Z Antique bronze WZCC10408 Primer</p>	<p>WZCC2040E White WZCC2040N Nero WZCC2040Z Antique bronze WZCC20408 Primer</p>	<p>WZCC3040E White WZCC3040N Nero WZCC3040Z Antique bronze WZCC30408 Primer</p>	<p>WZCC4040E White WZCC4040N Nero WZCC4040Z Antique bronze WZCC40408 Primer</p>
 <p>Deep, square cover</p>	<p>WZCC1060E White WZCC1060N Black WZCC1060Z Antique bronze WZCC10608 Primer (Combina D 1.0)</p>	<p>WZCC2060E White WZCC2060N Black WZCC2060Z Antique bronze WZCC20608 Primer (Combina D 2.0)</p>	<p>WZCC3060E White WZCC3060N Black WZCC3060Z Antique bronze WZCC30608 Primer (Combina D 3.0)</p>	<p>WZCC4060E White WZCC4060N Black WZCC4060Z Antique bronze WZCC40608 Primer (Combina D 4.0)</p>

COMBINA D

ACCESSORIES

	COMBINA D 1	COMBINA D 2	COMBINA D 3	COMBINA D 4
ACCESSORIES PRODUCT CONFIGURATION				
 <p>Round bezel for installation flush with ceiling</p>	WGCC10A1F  Ø78 mm	WGCC20A1F  Ø93 mm	WGCC30A1F  Ø145 mm	WGCC40A1F  Ø210 mm
 <p>Square bezel for installation flush with ceiling</p>	WGCC10A2F  78x78 mm	WGCC20A2F  92x92 mm	WGCC30A2F  145x145 mm	WGCC40A2F  210x210 mm
 <p>Round bezel for rebated installation</p>	WGCC10A1T  Ø60 mm	WGCC20A1T  Ø75 mm	WGCC30A1T  Ø125 mm	WGCC40A1T  Ø187 mm
 <p>Square bezel for rebated installation</p>	WGCC10A2T  60x60 mm	WGCC20A2T  75x75 mm	WGCC30A2T  125x125 mm	WGCC40A2T  187x187 mm

	COMBINA D 1	COMBINA D 2	COMBINA D 3	COMBINA D 4
ACCESSORIES				
 <p>Honeycomb louvre</p>	<p>WHCC10A1 round cover: flat, shallow, deep square cover: deep</p> <p>WHCC10A2 square cover: flat, shallow</p>	<p>WHCC20A1 round cover: flat, shallow, deep square cover: deep</p> <p>WHCC20A2 square cover: flat, shallow</p>	<p>WHCC30A1 round and square covers: flat, shallow</p>	<p>WHCC40A1 round and square covers: flat, shallow</p> <p>WHCC40A3 round and square covers: deep</p>
 <p>Diffuser filter</p>	<p>WRCC10R1D round cover: flat, shallow, deep square cover: deep</p> <p>WRCC10S1D square cover: flat, shallow</p>	<p>WRCC20R1D round cover: flat, shallow, deep square cover: deep</p> <p>WRCC20S1D square cover: flat, shallow</p>	<p>WRCC30R1D round and square covers: flat, shallow</p>	<p>WRCC40R1D round and square covers: flat, shallow</p> <p>WRCC40R3D round and square covers: deep</p>
 <p>Elliptical filter</p>	<p>WRCC10R1W round cover: flat, shallow, deep square cover: deep</p> <p>WRCC10S1W square cover: flat, shallow</p>	<p>WRCC20R1W round cover: flat, shallow, deep square cover: deep</p> <p>WRCC20S1W square cover: flat, shallow</p>	<p>WRCC30R1W round and square covers: flat, shallow</p>	<p>WRCC40R1W round and square covers: flat, shallow</p> <p>WRCC40R3W round and square covers: deep</p>
 <p>Transparent IP44 screen</p>	<p>WRCC10R1T round cover: flat, shallow, deep square cover: deep</p> <p>WRCC10S1T square cover: flat, shallow</p>	<p>WRCC20R1T round cover: flat, shallow, deep square cover: deep</p> <p>WRCC20S1T square cover: flat, shallow</p>	<p>WRCC30R1T round and square covers: flat, shallow</p>	<p>WRCC40R1T round and square covers: flat, shallow</p> <p>WRCC40R3T round and square covers: deep</p>

COMBINA D

POWER SUPPLY UNITS

POWER SUPPLY UNITS Combina D 1.0 / 1.1

500mA

Max no. fixtures	PSU	IP	Page
1	A13500TC	20	845
1/3	ACUNIO20T1	20	844 845
1/2	A15500QL	20	845
1/3	A310500QL	20	845
1/3	AD030DALIT1AM	20	848 849 852
1/3	ACUN1042T1	20	844
1/4 Dimmer	AD030DALIT1	20	848 849 852

POWER SUPPLY UNITS Combina D 2.0 / 2.1

300mA

Max no. fixtures	PSU	IP	Page
1	A19220TC	20	844
1	ACUNIC30T1	20	844 845
1 Dimmer	AD030DALIT1AM	20	848 849 852
1	AD030DALIT1	20	848 849 852
1	ACUNIO42T1	20	844

POWER SUPPLY UNITS Combina D 3.0 / 3.1

400mA

Max no. fixtures	PSU	IP	Page
1	A19220TC	20	844
1	ACUNIC30T1	20	844 845
1 Dimmer	AD030DALIT1AM	20	848 849 852
1	AD030DALIT1	20	848 849 852
1	ACUNIO42T1	20	844

POWER SUPPLY UNITS Combina D 4.0 / 4.1

800mA

Max no. fixtures	PSU	IP	Page
1	ACUNIO42T1	20	844





TURIS

INDOOR RECESSED DOWNLIGHTS
GENERAL LIGHT FOR PRIVATE HOMES



diffuse



2700K 3000K 4000K

4.5W
24VDC
5.5W
230VAC
ON/OFF

5.5W/11W
230VAC
DALI
1-10V
MAINS DIMMING
ON/OFF

11W/15W
230VAC
DALI
1-10V
MAINS DIMMING
ON/OFF

15W/22W
230VAC
DALI
1-10V
MAINS DIMMING
ON/OFF

22W/30W
230VAC
DALI
1-10V
ON/OFF

ROUND COVER



TURIS MINI 1.1 p. 456
Ø44 mm



TURIS 1.1 p. 458
Ø62 mm



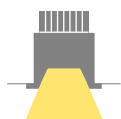
TURIS 3.1 p. 462
Ø100 mm



TURIS 5.1 p. 465
Ø128,5 mm



TURIS 7.1 p. 467
Ø162 mm



TURIS 1.3 p. 459
Ø62 mm



TURIS 3.3 p. 463
Ø100 mm

SQUARE COVER



TURIS MINI 1.0 p. 456
42x42 mm



TURIS 1.0 p. 458
61x61 mm



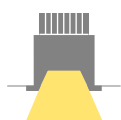
TURIS 3.0 p. 462
97x97 mm



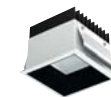
TURIS 5.0 p. 465
133x133 mm



TURIS 7.0 p. 467
161x161 mm



TURIS 1.2 p. 459
61x61 mm



TURIS 3.2 p. 463
97x97 mm



TURIS 2.0 p. 461
70x70 mm



TURIS 4.0 p. 464
94x94 mm



TURIS 6.0 p. 466
137x137 mm

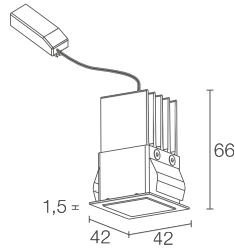


TURIS 8.0 p. 469
166x166 mm

TURIS MINI



TURIS MINI 1.0



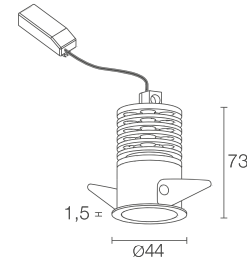
Power supply unit included in the 230Vac version



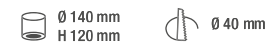
POWER / POWER SUPPLY CODE	5.5W 230Vac MT1011 ■ D B White 4.5W 24Vdc MT1001 ■ D B White
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K RGB on request
OPTICS	diffuse
LUMEN OUTPUT AT SOURCE	460 lm (3000K)
DELIVERED LUMEN OUTPUT	295 lm (3000K)
NO. AND TYPE OF LED	1 multichip power LED 3-step MacAdam, 50000h L80 B10 (Ta 25°C)
MATERIAL	body in black-anodized aluminium trim in steel screen in one-side-frosted, transparent plexiglass
POWER SUPPLY UNIT	230Vac: included and wired 24Vdc: not included, see p. 470
POWER CABLES	230Vac: includes 0.30 m cable 24Vdc: includes 1.5 m PVC cable FROR 2x0.35/0.35 Ø3.5 mm
MOUNTING	recessed (ceiling)
ACCESSORIES	see p. 470
FEATURES	230Vac: on/off 24Vdc: dimmable with remote PSU CRI >90
PHOTOMETRIC DATA	see p. 831



TURIS MINI 1.1



Power supply unit included in the 230Vac version



POWER / POWER SUPPLY CODE	5.5W 230Vac MT1111 ■ D B White MT1111 ■ D C Chrome 4.5W 24Vdc MT1101 ■ D B White MT1101 ■ D C Chrome
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K RGB on request
OPTICS	diffuse
LUMEN OUTPUT AT SOURCE	460 lm (3000K)
DELIVERED LUMEN OUTPUT	310 lm (3000K)
NO. AND TYPE OF LED	1 multichip power LED 3-step MacAdam, 50000h L80 B10 (Ta 25°C)
MATERIAL	body in black-anodized aluminium trim in steel screen in one-side-frosted, transparent plexiglass
POWER SUPPLY UNIT	230Vac: included and wired 24Vdc: not included, see p. 470
POWER CABLES	230Vac: includes 0.30 m cable 24Vdc: includes 1.5 m PVC cable FROR 2x0.35/0.35 Ø3.5 mm
MOUNTING	recessed (ceiling)
ACCESSORIES	see p. 470
FEATURES	230Vac: on/off 24Vdc: dimmable with remote PSU CRI >90
PHOTOMETRIC DATA	see p. 831

TURIS MINI 1.1 >
3000K, 5.5W, chrome

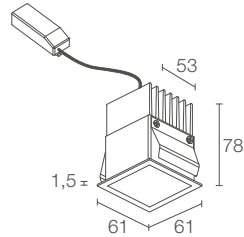
Project by / Studio di Architettura Andrea Abbadessa,
ing. Ignazio Stancanelli, ing. Giuseppe Malatino
Light planning by / Light Style
Maniace-Ortigia, Syracuse, Italy



TURIS 1



TURIS 1.0



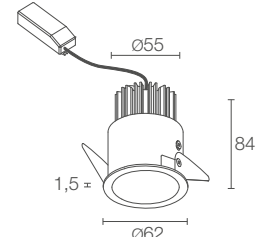
140x140 mm
H 130 mm

56x56 mm

CE LED TECH kg 0.37 IP40 IP44 installed



TURIS 1.1



Ø 130 mm
H 130 mm

Ø 57 mm

CE LED TECH kg 0.33 IP40 IP44 installed

POWER SUPPLY CODE

230Vac
TU101 **D B** White
TU101 **D N** Black
TU101 **D G** Grey

230Vac 1-10V + PUSH
TU101 **D BR** White
TU101 **D NR** Black
TU101 **D GR** Grey

230Vac DALI
TU101 **D BD** White
TU101 **D ND** Black
TU101 **D GD** Grey

230Vac MAINS DIMMING 11W
TU1010 **D BT** White
TU1010 **D NT** Black
TU1010 **D GT** Grey

230Vac
TU110 **D B** White
TU110 **D N** Black
TU110 **D G** Grey

230Vac 1-10V + PUSH
TU110 **D BR** White
TU110 **D NR** Black
TU110 **D GR** Grey

230Vac DALI
TU110 **D BD** White
TU110 **D ND** Black
TU110 **D GD** Grey

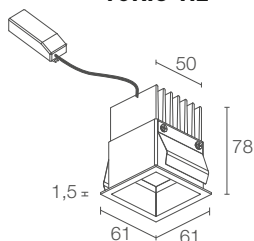
230Vac MAINS DIMMING 11W
TU1100 **D BT** White
TU1100 **D NT** Black
TU1100 **D GT** Grey

POWER	1 - 5.5W 0 - 11W
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K RGB on request
OPTICS	diffuse
LUMEN OUTPUT AT SOURCE	644 lm (3000K, 5.5W) 1251 lm (3000K, 11W)
DELIVERED LUMEN OUTPUT	295 lm (3000K, 5.5W) 1003 lm (3000K, 11W)
NO. AND TYPE OF LED	1 power LED (5.5W version) 4 power LEDs (11W version) 3-step MacAdam, 50000h L80 B10 (Ta 25°C)
MATERIAL	body in black-anodized aluminium trim in steel screen in one-side-frosted, transparent plexiglass
POWER SUPPLY UNIT	included and wired
POWER CABLES	includes 0.30 m cable
MOUNTING	recessed (ceiling)
ACCESSORIES	see p. 470
FEATURES	CRI >90
PHOTOMETRIC DATA	see p. 831

POWER	1 - 5.5W 0 - 11W
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K RGB on request
OPTICS	diffuse
LUMEN OUTPUT AT SOURCE	644 lm (3000K, 5.5W) 1251 lm (3000K, 11W)
DELIVERED LUMEN OUTPUT	310 lm (3000K, 5.5W) 944 lm (3000K, 11W)
NO. AND TYPE OF LED	1 power LED (5.5W version) 4 power LEDs (11W version) 3-step MacAdam, 50000h L80 B10 (Ta 25°C)
MATERIAL	body in black-anodized aluminium trim in steel screen in one-side-frosted, transparent plexiglass
POWER SUPPLY UNIT	included and wired
POWER CABLES	includes 0.30 m cable
MOUNTING	recessed (ceiling)
ACCESSORIES	see p. 470
FEATURES	CRI >90
PHOTOMETRIC DATA	see p. 831



TURIS 1.2



140x140 mm
H 130 mm

56x56 mm

CE LED TECH IP40 IP44 installed
A A+ A++

230Vac
TU121 ■ ■ **D B** White
TU121 ■ ■ **D N** Black
TU121 ■ ■ **D G** Grey

230Vac 1-10V + PUSH
TU121 ■ ■ **D BR** White
TU121 ■ ■ **D NR** Black
TU121 ■ ■ **D GR** Grey

230Vac DALI
TU121 ■ ■ **D BD** White
TU121 ■ ■ **D ND** Black
TU121 ■ ■ **D GD** Grey

230Vac MAINS DIMMING 11W
TU1210 ■ ■ **D BT** White
TU1210 ■ ■ **D NT** Black
TU1210 ■ ■ **D GT** Grey

■ 1 - 5.5W
■ 0 - 11W

■ **F** - 2700K
■ **5** - 3000K
■ **9** - 4000K
 RGB on request

diffuse

644 lm (3000K, 5.5W)
 1251 lm (3000K, 11W)

303 lm (3000K, 5.5W)
 631 lm (3000K, 11W)

1 power LED (5.5W version)
 4 power LEDs (11W version)
 3-step MacAdam, 50000h L80 B10 (Ta 25°C)

body in black-anodized aluminium
 trim in steel
 screen in one-side-frosted, transparent plexiglass

included and wired

includes 0.30 m cable

recessed (ceiling)

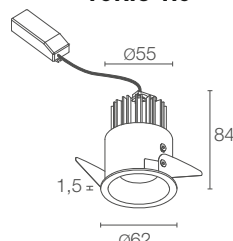
see p. 470

CRI >90

see p. 831



TURIS 1.3



Ø 130 mm
H 130 mm

Ø 57 mm

CE LED TECH IP40 IP44 installed
A A+ A++

230Vac
TU131 ■ ■ **D B** White
TU131 ■ ■ **D N** Black
TU131 ■ ■ **D G** Grey

230Vac 1-10V + PUSH
TU131 ■ ■ **D BR** White
TU131 ■ ■ **D NR** Black
TU131 ■ ■ **D GR** Grey

230Vac DALI
TU131 ■ ■ **D BD** White
TU131 ■ ■ **D ND** Black
TU131 ■ ■ **D GD** Grey

230Vac MAINS DIMMING 11W
TU1310 ■ ■ **D BT** White
TU1310 ■ ■ **D NT** Black
TU1310 ■ ■ **D GT** Grey

■ 1 - 5.5W
■ 0 - 11W

■ **F** - 2700K
■ **5** - 3000K
■ **9** - 4000K
 RGB on request

diffuse

644 lm (3000K, 5.5W)
 1251 lm (3000K, 11W)

302 lm (3000K, 5.5W)
 629 lm (3000K, 11W)

1 power LED (5.5W version)
 4 power LEDs (11W version)
 3-step MacAdam, 50000h L80 B10 (Ta 25°C)

body in black-anodized aluminium
 trim in steel
 screen in one-side-frosted, transparent plexiglass

included and wired

includes 0.30 m cable

recessed (ceiling)

see p. 470

CRI >90

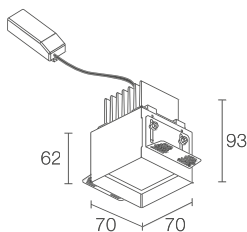
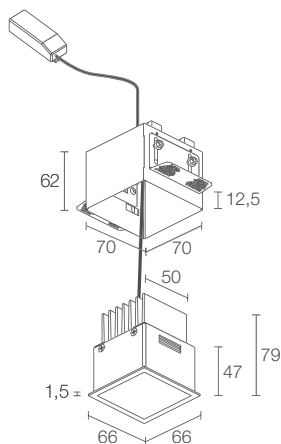
see p. 832



TURIS 2



TURIS 2.0



Required outer casing, not included



POWER SUPPLY CODE

230Vac
TU201 ■ ■ **D B**

230Vac 1-10V + PUSH
TU201 ■ ■ **D BR**

230Vac DALI
TU201 ■ ■ **D BD**

230Vac MAINS DIMMING 11W
TU2010 ■ **D BT**

■ POWER	1 - 5.5W 0 - 11W
■ LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K RGB on request
OPTICS	diffuse
LUMEN OUTPUT AT SOURCE	644 lm (3000K, 5.5W) 1251 lm (3000K, 11W)
DELIVERED LUMEN OUTPUT	295 lm (3000K, 5.5W) 1003 lm (3000K, 11W)
NO. AND TYPE OF LED	1 power LED (5.5W version) 4 power LEDs (11W version) 3-step MacAdam, 50000h L80 B10 (Ta 25°C)
MATERIAL	body in black-anodized aluminium trim in steel screen in one-side-frosted, transparent plexiglass
POWER SUPPLY UNIT	included and wired
POWER CABLES	includes 0.30 m cable
MOUNTING	recessed (ceiling)
ACCESSORIES	see p. 470
FEATURES	CRI >90
PHOTOMETRIC DATA	see p. 831

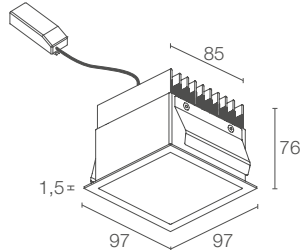
< **TURIS 1.0**
3000K, 11W, white

Light planning by / Imat Felco Como
Executed by / Punto Luce di Simonetti Wimmer
Photo by / Alessio Tamborini
Private residence, Como, Italy

TURIS 3



TURIS 3.0



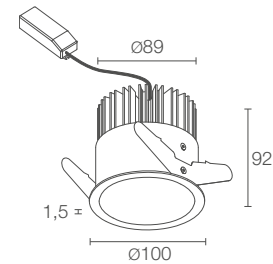
170x170 mm
H 130 mm

90x90 mm

CE LED TECH IP40 IP44 installed
A A+ A++



TURIS 3.1



Ø 190 mm
H 160 mm

Ø 90 mm

CE LED TECH IP40 IP44 installed
A A+ A++

POWER SUPPLY CODE

230Vac
TU301 ■ ■ **D B** White
TU301 ■ ■ **D N** Black
TU301 ■ ■ **D G** Grey

230Vac 1-10V + PUSH
TU301 ■ ■ **D BR** White
TU301 ■ ■ **D NR** Black
TU301 ■ ■ **D GR** Grey

230Vac DALI
TU301 ■ ■ **D BD** White
TU301 ■ ■ **D ND** Black
TU301 ■ ■ **D GD** Grey

230Vac MAINS DIMMING
TU301 ■ ■ **D BT** White
TU301 ■ ■ **D NT** Black
TU301 ■ ■ **D GT** Grey

230Vac
TU310 ■ ■ **D B** White
TU310 ■ ■ **D N** Black
TU310 ■ ■ **D G** Grey

230Vac 1-10V + PUSH
TU310 ■ ■ **D BR** White
TU310 ■ ■ **D NR** Black
TU310 ■ ■ **D GR** Grey

230Vac DALI
TU310 ■ ■ **D BD** White
TU310 ■ ■ **D ND** Black
TU310 ■ ■ **D GD** Grey

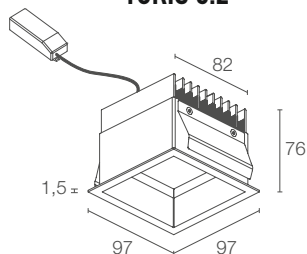
230Vac MAINS DIMMING
TU310 ■ ■ **D BT** White
TU310 ■ ■ **D NT** Black
TU310 ■ ■ **D GT** Grey

POWER	1 - 11W 0 - 15W
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	diffuse
LUMEN OUTPUT AT SOURCE	1251 lm (3000K, 11W) 1870 lm (3000K, 15W)
DELIVERED LUMEN OUTPUT	975 lm (3000K, 11W) 1463 lm (3000K, 15W)
NO. AND TYPE OF LED	4 power LEDs (11W version) 6 power LEDs (15W version) 3-step MacAdam, 50000h L80 B10 (Ta 25°C)
MATERIAL	body in black-anodized aluminium trim in steel screen in one-side-frosted, transparent plexiglass
POWER SUPPLY UNIT	included and wired
POWER CABLES	includes 0.30 m cable
MOUNTING	recessed (ceiling)
ACCESSORIES	see p. 470
FEATURES	CRI >90
PHOTOMETRIC DATA	see p. 832

POWER	1 - 11W 0 - 15W
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	diffuse
LUMEN OUTPUT AT SOURCE	1251 lm (3000K, 11W) 1870 lm (3000K, 15W)
DELIVERED LUMEN OUTPUT	954 lm (3000K, 11W) 1431 lm (3000K, 15W)
NO. AND TYPE OF LED	4 power LEDs (11W version) 6 power LEDs (15W version) 3-step MacAdam, 50000h L80 B10 (Ta 25°C)
MATERIAL	body in black-anodized aluminium trim in steel screen in one-side-frosted, transparent plexiglass
POWER SUPPLY UNIT	included and wired
POWER CABLES	includes 0.30 m cable
MOUNTING	recessed (ceiling)
ACCESSORIES	see p. 470
FEATURES	CRI >90
PHOTOMETRIC DATA	see p. 832



TURIS 3.2



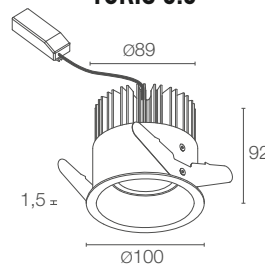
170x170 mm
H 130 mm

90x90 mm

CE LED TECH IP40 IP44 installed
A A+ A++



TURIS 3.3



Ø 190 mm
H 160 mm

Ø 90 mm

CE LED TECH IP40 IP44 installed
A A+ A++

230Vac

TU321 ■ ■ **D B** White
TU321 ■ ■ **D N** Black
TU321 ■ ■ **D G** Grey

230Vac 1-10V + PUSH

TU321 ■ ■ **D BR** White
TU321 ■ ■ **D NR** Black
TU321 ■ ■ **D GR** Grey

230Vac DALI

TU321 ■ ■ **D BD** White
TU321 ■ ■ **D ND** Black
TU321 ■ ■ **D GD** Grey

230Vac MAINS DIMMING

TU321 ■ ■ **D BT** White
TU321 ■ ■ **D NT** Black
TU321 ■ ■ **D GT** Grey

■	1 - 11W 0 - 15W
■	F - 2700K 5 - 3000K 9 - 4000K
diffuse	
1251 lm (3000K, 11W) 1870 lm (3000K, 15W)	
755 lm (3000K, 11W) 1117 lm (3000K, 15W)	
4 power LEDs (11W version) 6 power LEDs (15W version) 3-step MacAdam, 50000h L80 B10 (Ta 25°C)	
body in black-anodized aluminium trim in steel screen in one-side-frosted, transparent plexiglass	
included and wired	
includes 0.30 m cable	
recessed (ceiling)	
see p. 470	
CRI >90	
see p. 832	

230Vac

TU331 ■ ■ **D B** White
TU331 ■ ■ **D N** Black
TU331 ■ ■ **D G** Grey

230Vac 1-10V + PUSH

TU331 ■ ■ **D BR** White
TU331 ■ ■ **D NR** Black
TU331 ■ ■ **D GR** Grey

230Vac DALI

TU331 ■ ■ **D BD** White
TU331 ■ ■ **D ND** Black
TU331 ■ ■ **D GD** Grey

230Vac MAINS DIMMING

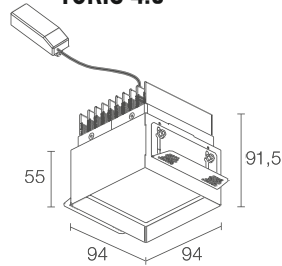
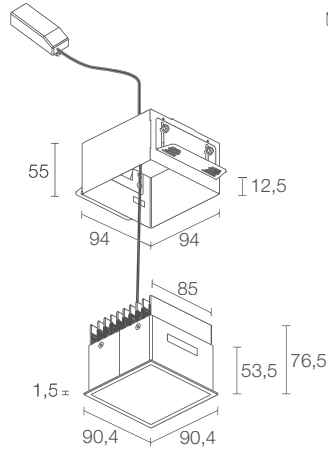
TU331 ■ ■ **D BT** White
TU331 ■ ■ **D NT** Black
TU331 ■ ■ **D GT** Grey

■	1 - 11W 0 - 15W
■	F - 2700K 5 - 3000K 9 - 4000K
diffuse	
1251 lm (3000K, 11W) 1870 lm (3000K, 15W)	
784 lm (3000K, 11W) 1160 lm (3000K, 15W)	
4 power LEDs (11W version) 6 power LEDs (15W version) 3-step MacAdam, 50000h L80 B10 (Ta 25°C)	
body in black-anodized aluminium trim in steel screen in one-side-frosted, transparent plexiglass	
included and wired	
includes 0.30 m cable	
recessed (ceiling)	
see p. 470	
CRI >90	
see p. 832	

TURIS 4



TURIS 4.0



Required outer casing, not included



POWER SUPPLY CODE

230Vac
TU401 ■ ■ **D B**

230Vac 1-10V + PUSH
TU401 ■ ■ **D BR**

230Vac DALI
TU401 ■ ■ **D BD**

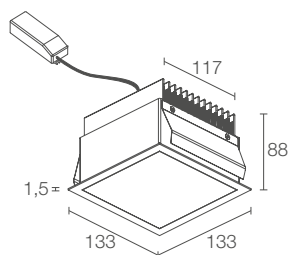
230Vac MAINS DIMMING
TU401 ■ ■ **D BT**

■ POWER	1 - 11W 0 - 15W
■ LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	diffuse
LUMEN OUTPUT AT SOURCE	1251 lm (3000K, 11W) 1870 lm (3000K, 15W)
DELIVERED LUMEN OUTPUT	975 lm (3000K, 11W) 1463 lm (3000K, 15W)
NO. AND TYPE OF LED	4 power LEDs (11W version) 6 power LEDs (15W version) 3-step MacAdam, 50000h L80 B10 (Ta 25°C)
MATERIAL	body in black-anodized aluminium trim in steel screen in one-side-frosted, transparent plexiglass
POWER SUPPLY UNIT	included and wired
POWER CABLES	includes 0.30 m cable
MOUNTING	recessed (ceiling)
ACCESSORIES	see p. 470
FEATURES	CRI >90
PHOTOMETRIC DATA	see p. 832

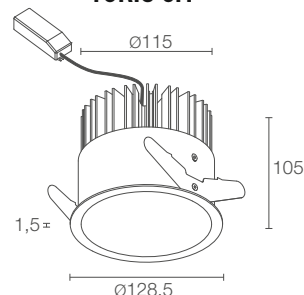
TURIS 5



TURIS 5.0



TURIS 5.1



POWER SUPPLY CODE

230Vac
TU501 ■ ■ ■ **D B** White
TU501 ■ ■ ■ **D N** Black
TU501 ■ ■ ■ **D G** Grey

230Vac 1-10V + PUSH
TU501 ■ ■ ■ **D BR** White
TU501 ■ ■ ■ **D NR** Black
TU501 ■ ■ ■ **D GR** Grey

230Vac DALI + PUSH
TU501 ■ ■ ■ **D BD** White
TU501 ■ ■ ■ **D ND** Black
TU501 ■ ■ ■ **D GD** Grey

230Vac MAINS DIMMING
TU501 ■ ■ ■ **D BT** White
TU501 ■ ■ ■ **D NT** Black
TU501 ■ ■ ■ **D GT** Grey

230Vac
TU510 ■ ■ ■ **D B** White
TU510 ■ ■ ■ **D N** Black
TU510 ■ ■ ■ **D G** Grey

230Vac 1-10V + PUSH
TU510 ■ ■ ■ **D BR** White
TU510 ■ ■ ■ **D NR** Black
TU510 ■ ■ ■ **D GR** Grey

230Vac DALI + PUSH
TU510 ■ ■ ■ **D BD** White
TU510 ■ ■ ■ **D ND** Black
TU510 ■ ■ ■ **D GD** Grey

230Vac MAINS DIMMING
TU510 ■ ■ ■ **D BT** White
TU510 ■ ■ ■ **D NT** Black
TU510 ■ ■ ■ **D GT** Grey

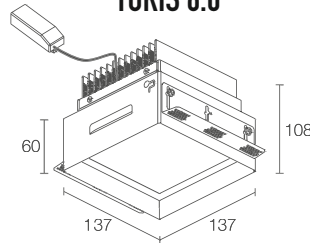
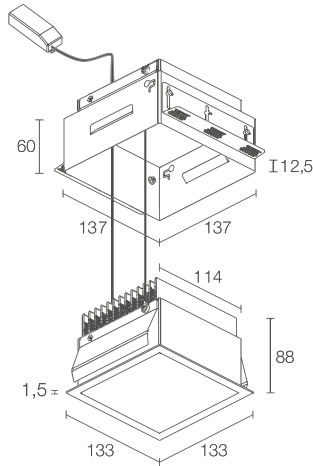
■ POWER	1 - 15W 0 - 22W
■ LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	diffuse
LUMEN OUTPUT AT SOURCE	1870 lm (3000K, 15W) 2231 lm (3000K, 22W)
DELIVERED LUMEN OUTPUT	1312 lm (3000K, 15W) 1750 lm (3000K, 22W)
NO. AND TYPE OF LED	6 power LEDs (15W version) 8 power LEDs (22W version) 3-step MacAdam, 50000h L80 B10 (Ta 25°C)
MATERIAL	body in black-anodized aluminium trim in steel screen in one-side-frosted, transparent plexiglass
POWER SUPPLY UNIT	included and wired
POWER CABLES	includes 0.30 m cable
MOUNTING	recessed (ceiling)
FEATURES	CRI >90
PHOTOMETRIC DATA	see p. 833

■	1 - 15W 0 - 22W
■	F - 2700K 5 - 3000K 9 - 4000K
	diffuse
	1870 lm (3000K, 15W) 2231 lm (3000K, 22W)
	1312 lm (3000K, 15W) 1750 lm (3000K, 22W)
	6 power LEDs (15W version) 8 power LEDs (22W version) 3-step MacAdam, 50000h L80 B10 (Ta 25°C)
	body in black-anodized aluminium trim in steel screen in one-side-frosted, transparent plexiglass
	included and wired
	includes 0.30 m cable
	recessed (ceiling)
	CRI >90
	see p. 833

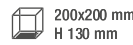
TURIS 6



TURIS 6.0



Required outer casing, not included



kg 0.85 IP40 IP44 installed

POWER SUPPLY CODE

230Vac
TU601 ■ ■ **D B** White
TU601 ■ ■ **D N** Black
TU601 ■ ■ **D G** Grey

230Vac 1-10V + PUSH
TU601 ■ ■ **D BR** White
TU601 ■ ■ **D NR** Black
TU601 ■ ■ **D GR** Grey

230Vac DALI + PUSH
TU601 ■ ■ **D BD** White
TU601 ■ ■ **D ND** Black
TU601 ■ ■ **D GD** Grey

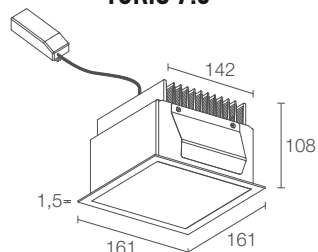
230Vac MAINS DIMMING
TU601 ■ ■ **D BT** White
TU601 ■ ■ **D NT** Black
TU601 ■ ■ **D GT** Grey

POWER	1 - 15W 0 - 22W
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	diffuse
LUMEN OUTPUT AT SOURCE	1870 lm (3000K, 15W) 2231 lm (3000K, 22W)
DELIVERED LUMEN OUTPUT	1312 lm (3000K, 15W) 1750 lm (3000K, 22W)
NO. AND TYPE OF LED	6 power LEDs (15W version) 8 power LEDs (22W version) 3-step MacAdam, 50000h L80 B10 (Ta 25°C)
MATERIAL	body in black-anodized aluminium trim in steel screen in one-side-frosted, transparent plexiglass
POWER SUPPLY UNIT	included and wired
POWER CABLES	includes 0.30 m cable
MOUNTING	recessed (ceiling)
ACCESSORIES	see p. 470
FEATURES	CRI >90
PHOTOMETRIC DATA	see p. 833

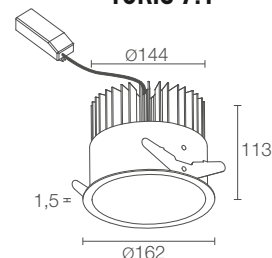
TURIS 7



TURIS 7.0



TURIS 7.1



POWER SUPPLY CODE

230Vac
TU700 ■ ■ **D B** White
TU700 ■ ■ **D N** Black
TU700 ■ ■ **D G** Grey

230Vac 1-10V + PUSH
TU700 ■ ■ **D BR** White
TU700 ■ ■ **D NR** Black
TU700 ■ ■ **D GR** Grey

230Vac DALI + PUSH
TU700 ■ ■ **D BD** White
TU700 ■ ■ **D ND** Black
TU700 ■ ■ **D GD** Grey

230Vac
TU710 ■ ■ **D B** White
TU710 ■ ■ **D N** Black
TU710 ■ ■ **D G** Grey

230Vac 1-10V + PUSH
TU710 ■ ■ **D BR** White
TU710 ■ ■ **D NR** Black
TU710 ■ ■ **D GR** Grey

230Vac DALI + PUSH
TU710 ■ ■ **D BD** White
TU710 ■ ■ **D ND** Black
TU710 ■ ■ **D GD** Grey

■ POWER	1 - 22W 0 - 30W
■ LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	diffuse
LUMEN OUTPUT AT SOURCE	2231 lm (3000K, 22W) 3380 lm (3000K, 30W)
DELIVERED LUMEN OUTPUT	1620 lm (3000K, 22W) 2430 lm (3000K, 30W)
NO. AND TYPE OF LED	8 power LEDs (22W version) 12 power LEDs (30W version) 3-step MacAdam, 50000h L80 B10 (Ta 25°C)
MATERIAL	body in black-anodized aluminium trim in steel screen in one-side-frosted, transparent plexiglass
POWER SUPPLY UNIT	included and wired
POWER CABLES	includes 0.30 m cable
MOUNTING	recessed (ceiling)
FEATURES	version with CRI >90 available on request
PHOTOMETRIC DATA	see p. 833

■	1 - 22W 0 - 30W
■	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	diffuse
LUMEN OUTPUT AT SOURCE	2231 lm (3000K, 22W) 3380 lm (3000K, 30W)
DELIVERED LUMEN OUTPUT	1620 lm (3000K, 22W) 2430 lm (3000K, 30W)
NO. AND TYPE OF LED	8 power LEDs (22W version) 12 power LEDs (30W version) 3-step MacAdam, 50000h L80 B10 (Ta 25°C)
MATERIAL	body in black-anodized aluminium trim in steel screen in one-side-frosted, transparent plexiglass
POWER SUPPLY UNIT	included and wired
POWER CABLES	includes 0.30 m cable
MOUNTING	recessed (ceiling)
FEATURES	version with CRI >90 available on request
PHOTOMETRIC DATA	see p. 833



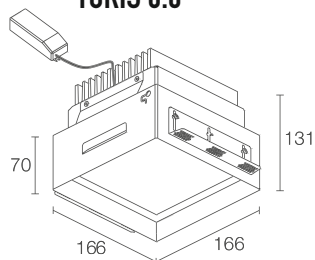
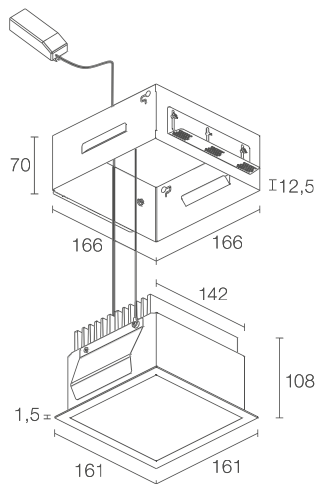
< **TURIS 7.0**
4000K, 30W, white

Project by / ARGE DD-TOL
AB Raum und Bau GmbH,
AB Fuchs und Rudolph,
AGZ Zimmermann, Arch. GmbH
Contractor / STESAD GmbH
Photo by / Robert Gommlich
Gymnasium Tolkewitz, Dresden, Germany

TURIS 8



TURIS 8.0



Required outer casing, not included



POWER SUPPLY CODE

230Vac
TU800 ■ ■ **D B** White
TU800 ■ ■ **D N** Black
TU800 ■ ■ **D G** Grey

230Vac 1-10V + PUSH
TU800 ■ ■ **D BR** White
TU800 ■ ■ **D NR** Black
TU800 ■ ■ **D GR** Grey

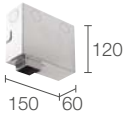
230Vac DALI + PUSH
TU800 ■ ■ **D BD** White
TU800 ■ ■ **D ND** Black
TU800 ■ ■ **D GD** Grey

POWER	1 - 22W 0 - 30W
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	diffuse
LUMEN OUTPUT AT SOURCE	2231 lm (3000K, 22W) 3380 lm (3000K, 30W)
DELIVERED LUMEN OUTPUT	1620 lm (3000K, 22W) 2430 lm (3000K, 30W)
NO. AND TYPE OF LED	8 power LEDs (22W version) 12 power LEDs (30W version) 3-step MacAdam, 50000h L80 B10 (Ta 25°C)
MATERIAL	body in black-anodized aluminium trim in steel screen in one-side-frosted, transparent plexiglass
POWER SUPPLY UNIT	included and wired
POWER CABLES	includes 0.30 m cable
MOUNTING	recessed (ceiling)
ACCESSORIES	see p. 470
FEATURES	version with CRI >90 available on request
PHOTOMETRIC DATA	see p. 833

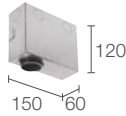
TURIS

ACCESSORIES AND POWER SUPPLY UNITS

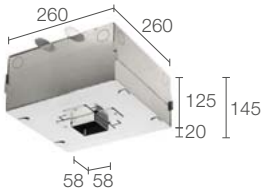
ACCESSORIES FOR INSTALLATION



WC3107
Outer casing for solid walls
(Turis Mini 1.0)



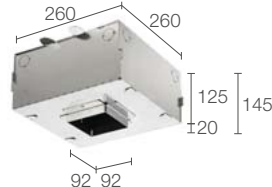
WC3108
Outer casing for solid walls
(Turis Mini 1.1)



WC3101
Outer casing for solid walls
(Turis 1.0 / 1.2)



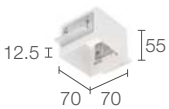
WC3105
Outer casing for solid walls
(Turis 1.1 / 1.3)



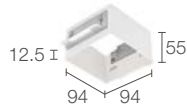
WC3103
Outer casing for solid walls
(Turis 3.0 / 3.2)



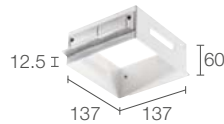
WC3106
Outer casing for solid walls
(Turis 3.1 / 3.3)



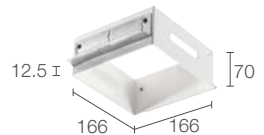
WC3102
Outer casing for plasterboard
(Turis 2.0)



WC3104
Outer casing for plasterboard
(Turis 4.0)



WC3109
Outer casing for plasterboard
(Turis 6.0)



WC3110
Outer casing for plasterboard
(Turis 8.0)

POWER SUPPLY UNITS Turis Mini 1.0 / 1.1, 24Vdc version

Max no. fixtures	PSU	IP	Page
1...n	24Vdc	20	847

TURIS 3.0 / TURIS 7.0 >

4000K, 15W - 30W, white

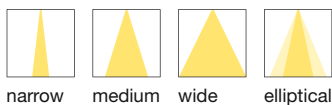
Project by / ARGE DD-TOL
AB Raum und Bau GmbH,
AB Fuchs und Rudolph,
AGZ Zimmermann, Arch. GmbH
Contractor / STESAD GmbH
Photo by / Robert Gommlich
Gymnasium Tolkewitz, Dresden, Germany





BITPOP

INDOOR RECESSED DOWNLIGHTS
FOR OFFICES AND WORK SPACES



narrow medium wide elliptical



2700K 3000K 4000K



1 OPTICS



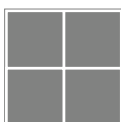
BITPOP 1.0 p. 474
6.5W 24Vdc
8W 230Vac
DALI, 1-10V, ON/OFF

2 OPTICS IN A LINE



BITPOP 2.1 p. 475
10W 230Vac
15W 230Vac
DALI, 1-10V, ON/OFF

4 OPTICS IN A SQUARE



BITPOP 2.2 p. 475
18W 230Vac
26W 230Vac
DALI, 1-10V, ON/OFF

4 OPTICS IN A LINE



BITPOP 4.1 p. 476
18W 230Vac
26W 230Vac
DALI, 1-10V, ON/OFF

8 OPTICS IN A LINE



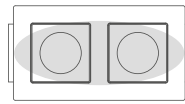
BITPOP 8.1 p. 477
35W 230Vac
50W 230Vac
DALI, 1-10V, ON/OFF

< **BITPOP 8.1**
3000K, 50W, 17°x45°, black
installation flush with ceiling

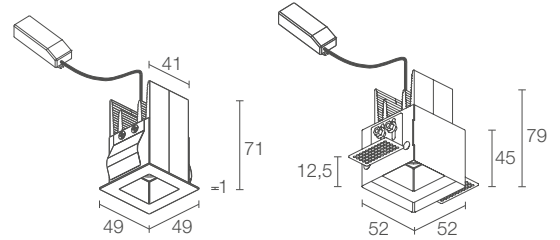
BITPOP



BITPOP 1.0



17°x45° optics



Power supply unit included in the 230Vac version
Outer casing for deep-set installation not included

140x140 mm H 125 mm 43x43 mm

CE LED DALI 230Vac 24Vdc kg 0.26 IP40 IP44 installed

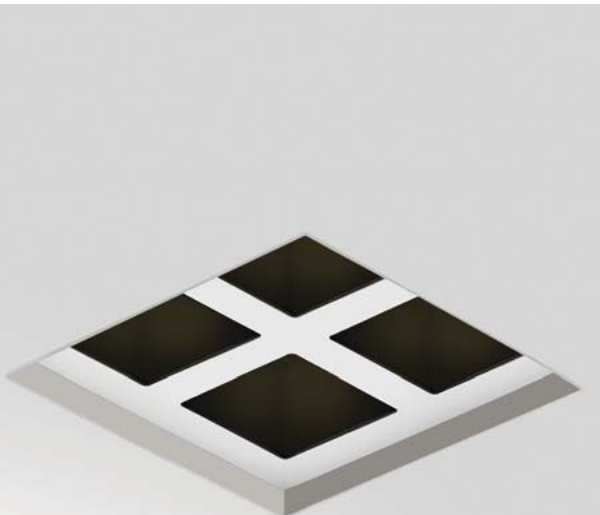
POWER / POWER SUPPLY CODE

6.5W 24Vdc
BP1000 ■ ■ **W 0** White – white interior
BP1000 ■ ■ **B 0** White – black interior
BP1000 ■ ■ **N 0** Black – black interior

8W 230Vac
BP1010 ■ ■ ■ **W ■** White – white interior
BP1010 ■ ■ ■ **B ■** White – black interior
BP1010 ■ ■ ■ **N ■** Black – black interior

■ LED COLOUR	1F - 2700K CRI >90 15 - 3000K CRI >90 09 - 4000K CRI 80
■ OPTICS	S - 17° F - 30° L - 42° W - 17°x45°
■ CONTROL SYSTEM	0 - on/off R - 1-10V + PUSH D - DALI + PUSH
LUMEN OUTPUT AT SOURCE	480 lm (3000K)
DELIVERED LUMEN OUTPUT	335 lm (3000K, 30°)
NO. AND TYPE OF LED	1 high intensity power LED 3-step MacAdam, 50000h L85 B10 (Ta 25°C)
MATERIAL	body in black-anodized aluminium trim in steel
POWER SUPPLY UNIT	24Vdc: not included, see p. 478 230Vac: included and wired
POWER CABLES	24Vdc: includes 1.5 m PVC cable FROR 2x0.35 Ø3.5 mm 230Vac: includes 0.30 m cable
MOUNTING	recessed (ceiling: flush or deep set)
ACCESSORIES	see p. 478
FEATURES	UGR < 10 for the 17° and 30° optics
NOTES	ceiling-mounted version: Bitpop C, p. 614
PHOTOMETRIC DATA	see p. 726

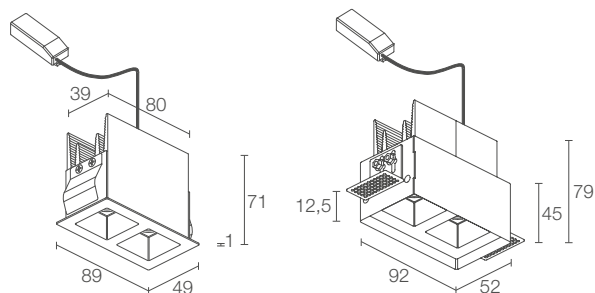
∨
BITPOP 2.2
 3000K, 26W, 17°, white
 installation flush with ceiling



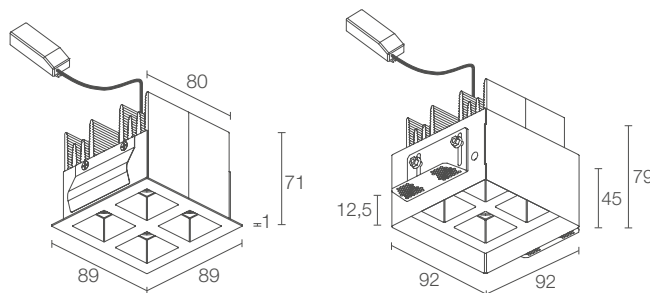
^
BITPOP 2.2
 3000K, 26W, 17°, white
 deep-set installation with outer casing



BITPOP 2.1



BITPOP 2.2



Outer casing for deep-set installation not included

170x90 mm H 130 mm 83x42 mm

CE LED IP40 IP44 installed
A A+ A++

10W 230Vac
BP2110 W White – white interior
BP2110 B White – black interior
BP2110 N Black – black interior

15W 230Vac
BP2111 W White – white interior
BP2111 B White – black interior
BP2111 N Black – black interior

<ul style="list-style-type: none"> 1F - 2700K CRI >90 15 - 3000K CRI >90 09 - 4000K CRI 80
<ul style="list-style-type: none"> S - 17° F - 30° L - 42° W - 17°x45°
<ul style="list-style-type: none"> 0 - on/off R - 1-10V + PUSH D - DALI
<p>700 lm (3000K, 10W) 960 lm (3000K, 15W)</p>
<p>496 lm (3000K, 30°, 10W) 670 lm (3000K, 30°, 15W)</p>
<p>2 high intensity power LEDs 3-step MacAdam, 50000h L85 B10 (Ta 25°C)</p>
<p>body in black-anodized aluminium trim in steel</p>
<p>included and wired</p>
<p>includes 0.30 m cable</p>
<p>recessed (ceiling: flush or deep set)</p>
<p>see p. 478</p>
<p>UGR < 10 for the 17° and 30° optics</p>
<p>ceiling-mounted version: Bitpop C, p. 615</p>
<p>see p. 726</p>

Outer casing for deep-set installation not included

170x170 mm H 130 mm 82x82 mm

CE LED IP40 IP44 installed
A A+ A++

18W 230Vac
BP2210 W White – white interior
BP2210 B White – black interior
BP2210 N Black – black interior

26W 230Vac
BP2211 W White – white interior
BP2211 B White – black interior
BP2211 N Black – black interior

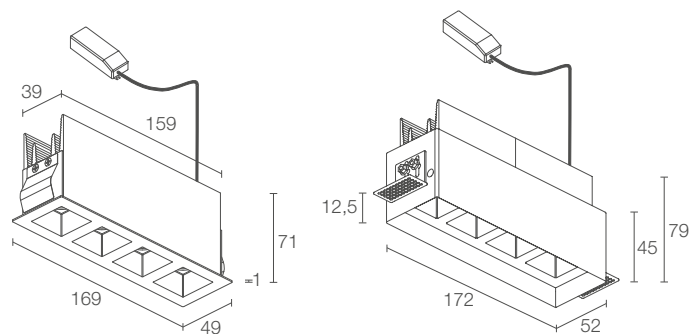
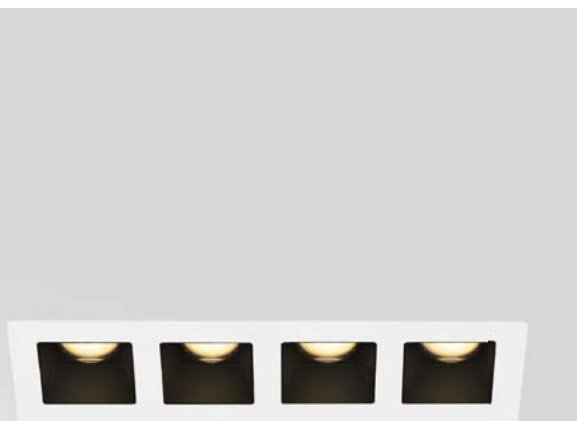
<ul style="list-style-type: none"> 1F - 2700K CRI >90 15 - 3000K CRI >90 09 - 4000K CRI 80
<ul style="list-style-type: none"> S - 17° F - 30° L - 42° W - 17°x45°
<ul style="list-style-type: none"> 0 - on/off R - 1-10V + PUSH D - DALI + PUSH
<p>1400 lm (3000K, 18W) 1920 lm (3000K, 26W)</p>
<p>992 lm (3000K, 30°, 18W) 1340 lm (3000K, 30°, 26W)</p>
<p>4 high intensity power LEDs 3-step MacAdam, 50000h L85 B10 (Ta 25°C)</p>
<p>body in black-anodized aluminium trim in steel</p>
<p>included and wired</p>
<p>includes 0.30 m cable</p>
<p>recessed (ceiling: flush or deep set)</p>
<p>see p. 478</p>
<p>UGR < 10 for the 17° and 30° optics</p>
<p>ceiling-mounted version: Bitpop C, p. 615</p>
<p>see p. 727</p>

BITPOP

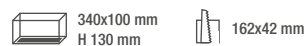


BITPOP 4.1

∨
BITPOP 4.1
 3000K, 26W, 17°, white
 installation flush with ceiling



Outer casing for deep-set installation not included



POWER / POWER SUPPLY CODE

18W 230Vac
BP4110 ■ ■ W ■ White – white interior
BP4110 ■ ■ B ■ White – black interior
BP4110 ■ ■ N ■ Black – black interior

26W 230Vac
BP4111 ■ ■ W ■ White – white interior
BP4111 ■ ■ B ■ White – black interior
BP4111 ■ ■ N ■ Black – black interior

LED COLOUR	1F - 2700K CRI >90 15 - 3000K CRI >90 09 - 4000K CRI 80
OPTICS	S - 17° F - 30° L - 42° W - 17°x45°
CONTROL SYSTEM	0 - on/off R - 1-10V + PUSH D - DALI + PUSH

LUMEN OUTPUT AT SOURCE	1400 lm (3000K, 18W) 1920 lm (3000K, 26W)
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DELIVERED LUMEN OUTPUT	992 lm (3000K, 30°, 18W) 1340 lm (3000K, 30°, 26W)
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NO. AND TYPE OF LED	4 high intensity power LEDs 3-step MacAdam, 50000h L85 B10 (Ta 25°C)
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MATERIAL	body in black-anodized aluminium trim in steel
-----------------	---

POWER SUPPLY UNIT	included and wired
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POWER CABLES	includes 0.30 m cable
---------------------	-----------------------

MOUNTING	recessed (ceiling: flush or deep set)
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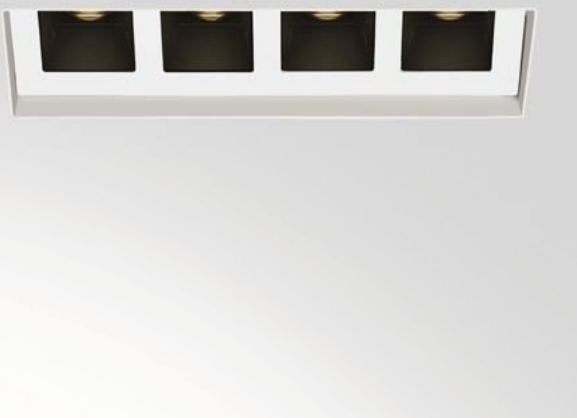
ACCESSORIES	see p. 478
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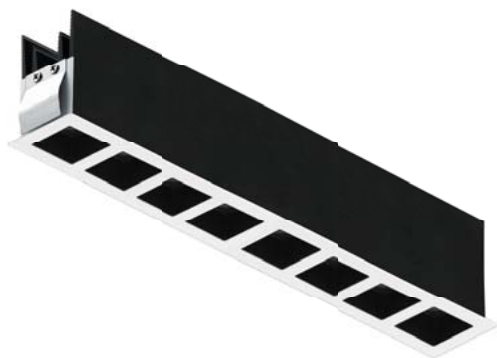
FEATURES	UGR < 10 for the 17° and 30° optics
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NOTES	ceiling-mounted version: Bitpop C, p. 615
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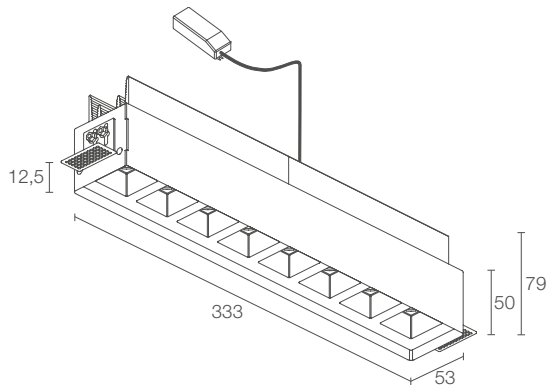
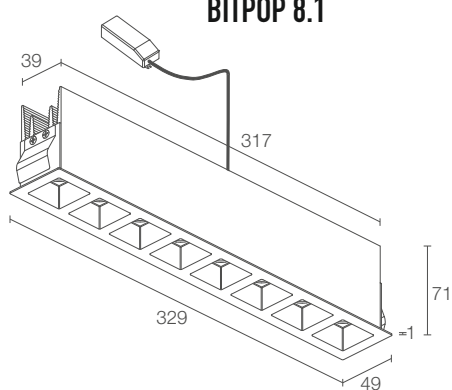
PHOTOMETRIC DATA	see p. 727
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^
BITPOP 4.1
 3000K, 26W, 17°, white
 deep-set installation with outer casing





BITPOP 8.1

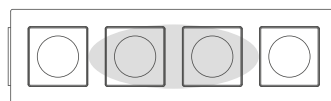


Outer casing for deep-set installation not included



35W 230Vac
BP8110 ■ **W** ■ White – white interior
BP8110 ■ **B** ■ White – black interior
BP8110 ■ **N** ■ Black – black interior

50W 230Vac
BP8111 ■ **W** ■ White – white interior
BP8111 ■ **B** ■ White – black interior
BP8111 ■ **N** ■ Black – black interior



17°x45° optics

■	1F - 2700K CRI >90 15 - 3000K CRI >90 09 - 4000K CRI 80
■	S - 17° F - 30° L - 42° W - 17°x45°
■	0 - on/off R - 1-10V + PUSH D - DALI + PUSH

2800 lm (3000K, 35W)
3840 lm (3000K, 50W)

1984 lm (3000K, 30°, 35W)
2680 lm (3000K, 30°, 50W)

8 high intensity power LEDs
3-step MacAdam, 50000h L85 B10 (Ta 25°C)

body in black-anodized aluminium
trim in steel

included and wired

includes 0.30 m cable

recessed (ceiling: flush or deep set)

see p. 478

UGR < 10 for the 17° and 30° optics

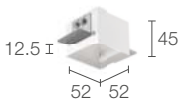
ceiling-mounted version: Bitpop C, p. 615

see p. 727

BITPOP

ACCESSORIES AND POWER SUPPLY UNITS

ACCESSORIES FOR INSTALLATION



WC8703 - White
WC8703N - Black

Outer casing for deep-set installation in plasterboard ceilings (Bitpop 1.0)



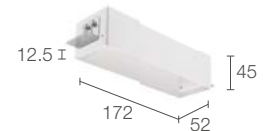
WC8713 - White
WC8713N - Black

Outer casing for deep-set installation in plasterboard ceilings (Bitpop 2.1)



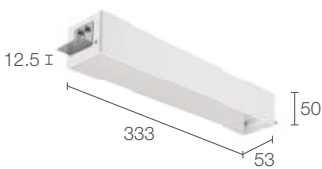
WC8704 - White
WC8704N - Black

Outer casing for deep-set installation in plasterboard ceilings (Bitpop 2.2)



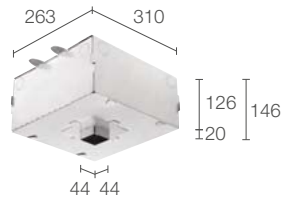
WC8705 - White
WC8705N - Black

Outer casing for deep-set installation in plasterboard ceilings (Bitpop 4.1)



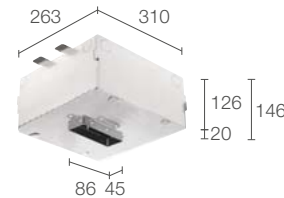
WC8710 - White
WC8710N - Black

Outer casing for deep-set installation in plasterboard ceilings (Bitpop 8.1)



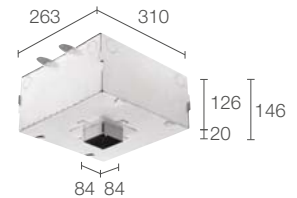
WC8700

Outer casing for flush installation in solid ceilings (Bitpop 1.0)



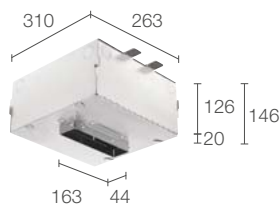
WC8712

Outer casing for flush installation in solid ceilings (Bitpop 2.1)



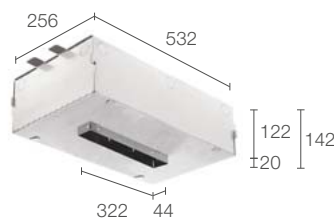
WC8701

Outer casing for flush installation in solid ceilings (Bitpop 2.2)



WC8702

Outer casing for flush installation in solid ceilings (Bitpop 4.1)

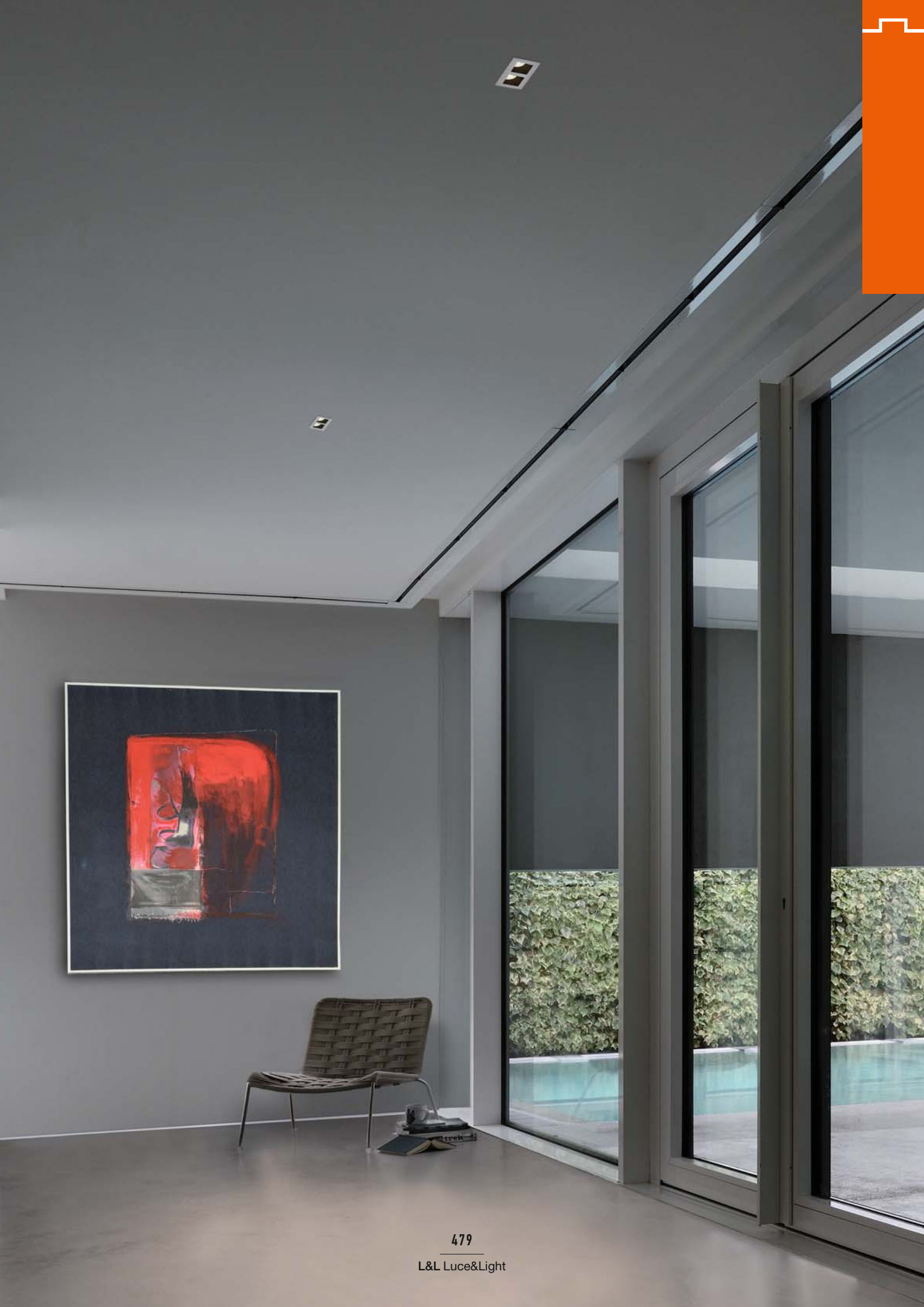


WC8709

Outer casing for flush installation in solid ceilings (Bitpop 8.1)

POWER SUPPLY UNIT Bitpop 1.0, 24Vdc version

Max no. fixtures	PSU	IP	Page
1...n	24Vdc	20	847



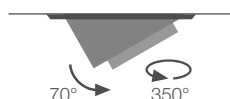


480

L&L Luce&Light

CIAK

INDOOR RECESSED DOWNLIGHTS
SHOWCASES AND NICHEs IN MUSEUMS AND RETAIL SPACES



2700K 3000K 4000K

Ø55 mm



narrow medium wide elliptical

WITH ANTI-GLARE
SNOOT



CIAK 1.0 p. 484
max 1.5W max 500mA
constant current



CIAK 1.6 p. 485
2.5W 24Vdc
constant voltage

WITHOUT ANTI-GLARE
SNOOT



CIAK 1.1 p. 484
max 1.5W max 500mA
constant current



CIAK 1.7 p. 485
2.5W 24Vdc
constant voltage

Ø70 mm



narrow medium wide ultra-wide elliptical



CIAK 2.6 p. 487
5W 24Vdc
constant voltage



CIAK 2.7 p. 487
5W 24Vdc
constant voltage



BUILT-IN PROTECTION SYSTEMS:

EPS
ELECTRICAL
PROTECTION
SYSTEM

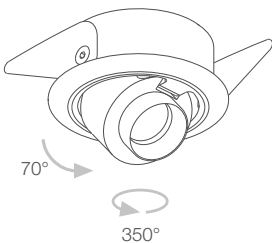


RAL FINISH
ON REQUEST

BODY AND TRIM
IN ALUMINIUM,
MADE ENTIRELY
ON A CNC LATHE



THE ENTIRE
CIAK FAMILY USES
LIGHT SOURCES WITH
A HIGH COLOUR
RENDERING INDEX



THE LIGHT BEAM CAN BE PRECISELY
DIRECTED THANKS TO THE HIGH
ADJUSTABILITY OF THE OPTICAL UNIT:
- ROTATABLE UP TO 350° ON VERTICAL AXIS
- TILTABLE UP TO 70° ON HORIZONTAL AXIS

CIAK

UNIQUE SELLING POINTS



LOW THICKNESSES:
CIAK'S COMPACT HEIGHT –
22 MM (CIAK 1) AND 30 MM (CIAK 2) –
MEANS IT CAN BE RECESSED INTO
SHALLOW SHELVES SUCH AS THOSE IN SHOP
WINDOWS AND DISPLAY CABINETS, IN
CONFORMITY WITH HEAT-TRANSFER VOLUMES



CIAK HAS SHARP OPTICS
TO PRODUCE A LIGHT BEAM
WITH PIN-SHARP EDGES



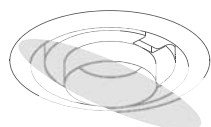
ALL VERSIONS ARE AVAILABLE
WITH OR WITHOUT AN
ANTI-GLARE SNOOT FOR
GREATER VISUAL COMFORT



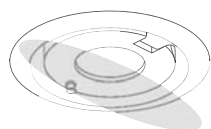
CIAK 1



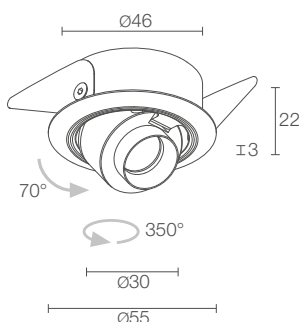
CIAK 1.0



16°x34° optics
(Ciak 1.0 / 1.6)



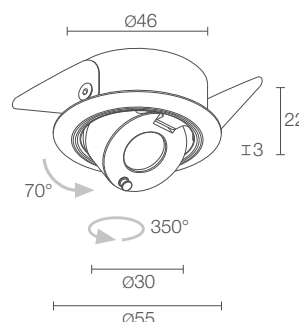
16°x34° optics
(Ciak 1.1 / 1.7)



Ø 50 mm



CIAK 1.1



Ø 50 mm

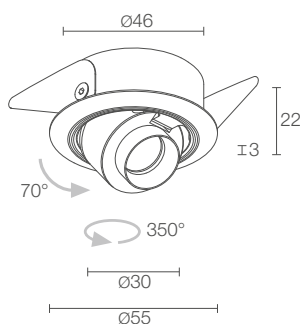


POWER / POWER SUPPLY CODE	max 1.5W max 500mA CK10101 ■ ■ B White CK10101 ■ ■ N Black
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	S - 17° M - 29° P - 48° sharp L - 52° W - 16°x34°
LUMEN OUTPUT AT SOURCE	157 lm (3000K, 500mA)
DELIVERED LUMEN OUTPUT	144 lm (3000K, 500mA, 29°)
NO. AND TYPE OF LED	1 power LED 1/4 ANSI BIN, 50000h L90 B10 (Ta 25°C)
MATERIAL	body and trim in aluminium
POWER SUPPLY UNIT	not included, see p. 488 and 844
POWER CABLES	includes 1.5 m PVC cable FROR 2x0.35 Ø3.5 mm
WIRING	series
MOUNTING	recessed (ceiling, shelf, shop windows)
FEATURES	CRI >90
PHOTOMETRIC DATA	see p. 743

POWER / POWER SUPPLY CODE	max 1.5W max 500mA CK11101 ■ ■ B White CK11101 ■ ■ N Black
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	S - 17° M - 29° P - 48° sharp L - 52° W - 16°x34°
LUMEN OUTPUT AT SOURCE	157 lm (3000K, 500mA)
DELIVERED LUMEN OUTPUT	144 lm (3000K, 500mA, 29°)
NO. AND TYPE OF LED	1 power LED 1/4 ANSI BIN, 50000h L90 B10 (Ta 25°C)
MATERIAL	body and trim in aluminium
POWER SUPPLY UNIT	not included, see p. 488 and 844
POWER CABLES	includes 1.5 m PVC cable FROR 2x0.35 Ø3.5 mm
WIRING	series
MOUNTING	recessed (ceiling, shelf, shop windows)
FEATURES	CRI >90
PHOTOMETRIC DATA	see p. 743



CIAK 1.6



2.5W 24Vdc
CK16001 ■ ■ B White
CK16001 ■ ■ N Black

■ F - 2700K
 5 - 3000K
 9 - 4000K

■ S - 17°
 M - 29°
 P - 48° sharp
 L - 52°
 W - 16°x34°

157 lm (3000K)

144 lm (3000K, 29°)

1 power LED
 1/4 ANSI BIN, 50000h L90 B10 (Ta 25°C)

body and trim in aluminium

not included, see p. 488

includes 1.5 m PVC cable
 FROR 2x0.35/0.35 Ø3.5 mm

parallel

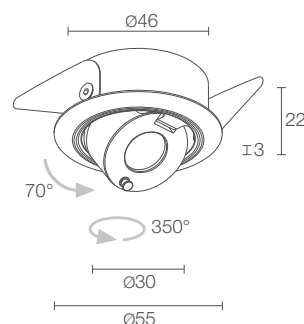
recessed (ceiling, shelf, shop windows)

CRI >90

see p. 743



CIAK 1.7



2.5W 24Vdc
CK17001 ■ ■ B White
CK17001 ■ ■ N Black

■ F - 2700K
 5 - 3000K
 9 - 4000K

■ S - 17°
 M - 29°
 P - 48° sharp
 L - 52°
 W - 16°x34°

157 lm (3000K)

144 lm (3000K, 29°)

1 power LED
 1/4 ANSI BIN, 50000h L90 B10 (Ta 25°C)

body and trim in aluminium

not included, see p. 488

includes 1.5 m PVC cable
 FROR 2x0.35/0.35 Ø3.5 mm

parallel

recessed (ceiling, shelf, shop windows)

CRI >90

see p. 743



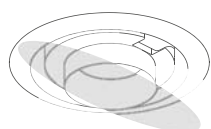
CIAK 2



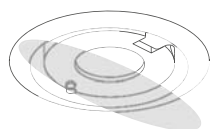
CIAK 2.6



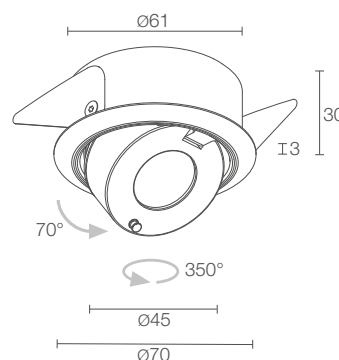
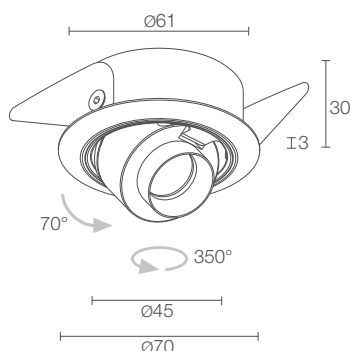
CIAK 2.7



13°x43° optics
(Ciak 2.6)



13°x43° optics
(Ciak 2.7)



POWER / POWER SUPPLY CODE	5W 24Vdc CK26001 ■ B White CK26001 ■ N Black
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	S - 11° M - 17° P - 19° sharp L - 32° J - 65° W - 13°x43°
LUMEN OUTPUT AT SOURCE	452 lm (3000K)
DELIVERED LUMEN OUTPUT	303 lm (3000K, 32°)
NO. AND TYPE OF LED	1 high intensity power LED 3-step MacAdam, 50000h L95 B10 (Ta 25°C)
MATERIAL	body and trim in aluminium
POWER SUPPLY UNIT	not included, see p. 488
POWER CABLES	includes 1.5 m PVC cable FROR 2x0.35/0.35 Ø3.5 mm
MOUNTING	recessed (ceiling, shelf, shop windows)
FEATURES	CRI >90
PHOTOMETRIC DATA	see p. 743

POWER / POWER SUPPLY CODE	5W 24Vdc CK27001 ■ B White CK27001 ■ N Black
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	S - 11° M - 17° P - 19° sharp L - 32° J - 65° W - 13°x43°
LUMEN OUTPUT AT SOURCE	452 lm (3000K)
DELIVERED LUMEN OUTPUT	303 lm (3000K, 32°)
NO. AND TYPE OF LED	1 high intensity power LED 3-step MacAdam, 50000h L95 B10 (Ta 25°C)
MATERIAL	body and trim in aluminium
POWER SUPPLY UNIT	not included, see p. 488
POWER CABLES	includes 1.5 m PVC cable FROR 2x0.35/0.35 Ø3.5 mm
MOUNTING	recessed (ceiling, shelf, shop windows)
FEATURES	CRI >90
PHOTOMETRIC DATA	see p. 743

CIAK

POWER SUPPLY UNITS

POWER SUPPLY UNITS Ciak 1.0 / 1.1

350mA

Max no. fixtures	PSU	IP	Page
1/3	A13350VL	20	845
1/15	ACUNI020T1	20	844 845
3/9	A19350QL	20	845
5/12	A312350QL	20	845
1/12 dimmer	ADUNITC	20	848 849 850

500mA

Max no. fixtures	PSU	IP	Page
1/3	A13500TC	20	845
1/10	ACUNI020T1	20	844 845
2/5	A15500QL	20	845
5/10	A310500QL	20	845
1/12 dimmer	ADUNITC	20	848 849 850

POWER SUPPLY UNITS Ciak 1.6 / 1.7 / 2.6 / 2.7

Max no. fixtures	PSU	IP	Page
1...n	24Vdc	20	847





490

L&L Luce&Light

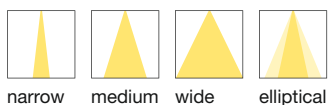


CAMEO

INDOOR RECESSED DOWNLIGHTS
FALSE CEILINGS AND NICHES IN PRIVATE HOMES



FIXED OPTICS AND FIXED FOCUS



narrow medium wide elliptical

Ø39 mm



CAMEO 1.0 p. 492
max 1.5W max 500mA
constant current

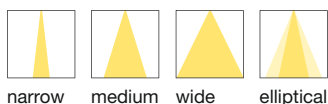
CAMEO 1.6 p. 494
2.5W 24Vdc
constant voltage

Ø49 mm



CAMEO 2.6 p. 496
5W 24Vdc
constant voltage

TILTABLE OPTICS AND FIXED FOCUS



narrow medium wide elliptical

Ø58 mm



CAMEO 1.1 p. 493
max 1.5W max 500mA
constant current

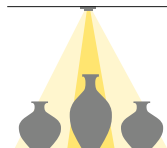
CAMEO 1.7 p. 495
2.5W 24Vdc
constant voltage

Ø69 mm



CAMEO 2.7 p. 497
5W 24Vdc
constant voltage

TILTABLE ZOOM LENS



Ø58 mm



CAMEO 1.2 p. 493
max 1.5W max 500mA
constant current

CAMEO 1.8 p. 495
2.5W 24Vdc
constant voltage

Ø69 mm



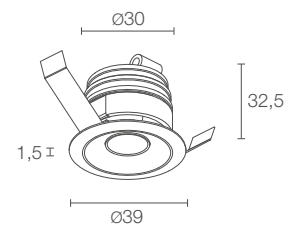
CAMEO 2.8 p. 497
5W 24Vdc
constant voltage

CAMEO 1

✓
CAMEO 1.1
3000K, 1.5W, 29°, black



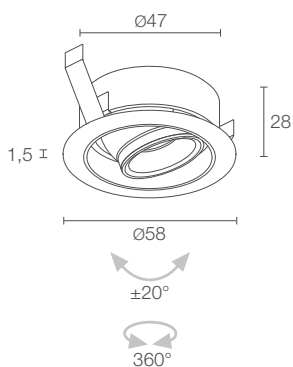
CAMEO 1.0



POWER / POWER SUPPLY CODE	max 1.5W max 500mA CM10201000 0 E White CM10201000 0 N Black
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	S - 17° M - 29° P - 48° sharp L - 52° W - 16°x34°
LUMEN OUTPUT AT SOURCE	157 lm (3000K, 500mA)
DELIVERED LUMEN OUTPUT	144 lm (3000K, 500mA, 29°)
NO. AND TYPE OF LED	1 power LED, 1/4 ANSI BIN 50000h L90 B10 (Ta 25°C)
MATERIAL	body and trim in aluminium
POWER SUPPLY UNIT	not included, see p. 498 and 844
POWER CABLES	includes 1.5 m PVC cable FROR 2x0.35 Ø3.5 mm
WIRING	series
MOUNTING	recessed (ceilings, false ceilings, niches in plasterboard)
FEATURES	CRI >90
PHOTOMETRIC DATA	see p. 741



CAMEO 1.1



Ø 54 mm



max 1.5W max 500mA
CM11201000 **0** **E** White
CM11201000 **0** **N** Black

F - 2700K
5 - 3000K
9 - 4000K

S - 17° tiltable ±20°
M - 29° tiltable ±20°
P - 48° sharp tiltable ±20°
L - 52° tiltable ±20°
W - 16°x34° tiltable ±20°

157 lm (3000K, 500mA)

144 lm (3000K, 500mA, 29°)

1 power LED, 1/4 ANSI BIN
 50000h L90 B10 (Ta 25°C)

body and trim in aluminium

not included, see p. 498 and 844

includes 1.5 m PVC cable
 FROR 2x0.35 Ø3.5 mm

series

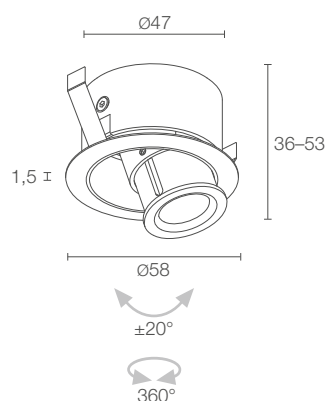
recessed (ceilings, false ceilings, niches in plasterboard)

CRI >90

see p. 741



CAMEO 1.2



Ø 54 mm



max 1.5W max 500mA
CM12201000 **R1** **E** White
CM12201000 **R1** **N** Black

F - 2700K
5 - 3000K
9 - 4000K

optical range 8°-40° tiltable ±20°

157 lm (3000K, 500mA)

50 lm (3000K, 500mA, 40°)

1 power LED, 1/4 ANSI BIN
 50000h L90 B10 (Ta 25°C)

body and trim in aluminium

not included, see p. 498 and 844

includes 1.5 m PVC cable
 FROR 2x0.35 Ø3.5 mm

series

recessed (ceilings, false ceilings, niches in plasterboard)

CRI >90

see p. 741

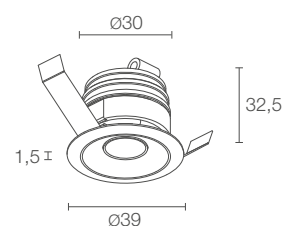


CAMEO 1

✓
CAMEO 1.8
 3000K, 2.5W, tiltable zoom lens 8°–40°, black



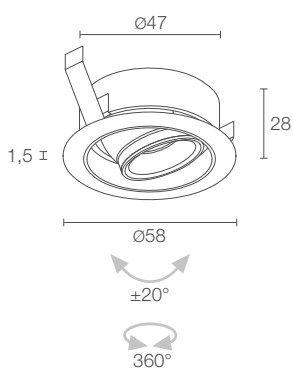
CAMEO 1.6



POWER / POWER SUPPLY CODE	2.5W 24Vdc CM16001000 ■ 0 ■ E White CM16001000 ■ 0 ■ N Black
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	S - 17° M - 29° P - 48° sharp L - 52° W - 16°x34°
LUMEN OUTPUT AT SOURCE	157 lm (3000K)
DELIVERED LUMEN OUTPUT	144 lm (3000K, 29°)
NO. AND TYPE OF LED	1 power LED, 1/4 ANSI BIN 50000h L90 B10 (Ta 25°C)
MATERIAL	body and trim in aluminium
POWER SUPPLY UNIT	not included, see p. 499
POWER CABLES	includes 1.5 m PVC cable FROR 2x0.35/0.35 Ø3.5 mm
MOUNTING	recessed (ceilings, false ceilings, niches in plasterboard)
FEATURES	CRI >90
PHOTOMETRIC DATA	see p. 741



CAMEO 1.7



2.5W 24Vdc
CM17001000 **0** **G** **E** White
CM17001000 **0** **G** **N** Black

F - 2700K
5 - 3000K
9 - 4000K

S - 17° tiltable ±20°
M - 29° tiltable ±20°
P - 48° sharp tiltable ±20°
L - 52° tiltable ±20°
W - 16°x34° tiltable ±20°

157 lm (3000K)

144 lm (3000K, 29°)

1 power LED, 1/4 ANSI BIN
 50000h L90 B10 (Ta 25°C)

body and trim in aluminium

not included, see p. 499

includes 1.5 m PVC cable
 FROR 2x0.35/0.35 Ø3.5 mm

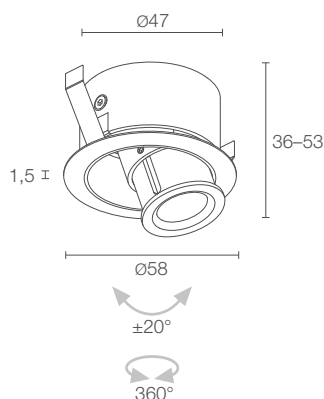
recessed (ceilings, false ceilings, niches in plasterboard)

CRI >90

see p. 741



CAMEO 1.8



2.5W 24Vdc
CM18001000 **R1** **E** White
CM18001000 **R1** **N** Black

F - 2700K
5 - 3000K
9 - 4000K

optical range 8°-40° tiltable ±20°

157 lm (3000K)

50 lm (3000K, 40°)

1 power LED, 1/4 ANSI BIN
 50000h L90 B10 (Ta 25°C)

body and trim in aluminium

not included, see p. 499

includes 1.5 m PVC cable
 FROR 2x0.35/0.35 Ø3.5 mm

recessed (ceilings, false ceilings, niches in plasterboard)

CRI >90

see p. 741

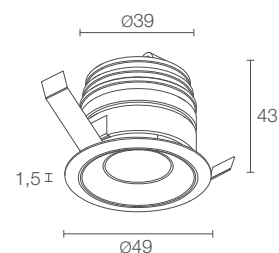


CAMEO 2

✓
CAMEO 2.6
3000K, 5W, 17°, black



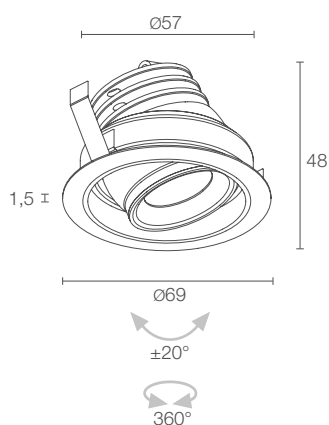
CAMEO 2.6



POWER / POWER SUPPLY CODE	5W 24Vdc CM26001000 0 0 E White CM26001000 0 0 N Black
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	S - 11° M - 17° P - 19° sharp L - 32° J - 65° W - 13°x43°
LUMEN OUTPUT AT SOURCE	452 lm (3000K)
DELIVERED LUMEN OUTPUT	303 lm (3000K, 32°)
NO. AND TYPE OF LED	1 high intensity power LED, 3-step MacAdam 50000h L95 B10 (Ta 25°C)
MATERIAL	body and trim in aluminium
POWER SUPPLY UNIT	not included, see p. 499
POWER CABLES	includes 1.5 m PVC cable FROR 2x0.35/0.35 Ø3.5 mm
MOUNTING	recessed (ceilings, false ceilings, niches in plasterboard)
FEATURES	CRI >90
PHOTOMETRIC DATA	see p. 742



CAMEO 2.7



Ø 65 mm



5W 24Vdc
CM27001000 **0** **0** **E** White
CM27001000 **0** **0** **N** Black

F - 2700K
5 - 3000K
9 - 4000K

S - 11° tiltable ±20°
M - 17° tiltable ±20°
P - 19° sharp tiltable ±20°
L - 32° tiltable ±20°
J - 65° tiltable ±20°
W - 13°x43° tiltable ±20°

452 lm (3000K)

303 lm (3000K, 32°)

1 high intensity power LED, 3-step MacAdam
 50000h L95 B10 (Ta 25°C)

body and trim in aluminium

not included, see p. 499

includes 1.5 m PVC cable
 FROR 2x0.35/0.35 Ø3.5 mm

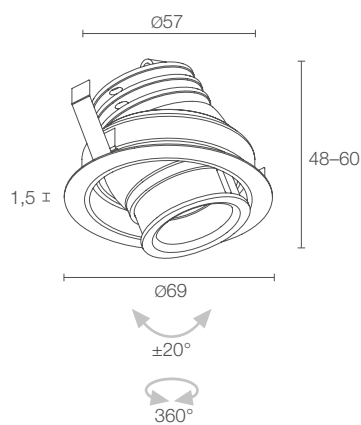
recessed (ceilings, false ceilings, niches in plasterboard)

CRI >90

see p. 742



CAMEO 2.8



Ø 65 mm



5W 24Vdc
CM28001000 **R1** **E** White
CM28001000 **R1** **N** Black

F - 2700K
5 - 3000K
9 - 4000K

optical range 8°–58° tiltable ±20°

452 lm (3000K)

241 lm (3000K, 58°)

1 high intensity power LED, 3-step MacAdam
 50000h L95 B10 (Ta 25°C)

body and trim in aluminium

not included, see p. 499

includes 1.5 m PVC cable
 FROR 2x0.35/0.35 Ø3.5 mm

recessed (ceilings, false ceilings, niches in plasterboard)

CRI >90

see p. 742



CAMEO

POWER SUPPLY UNITS

POWER SUPPLY UNITS Cameo 1.0 / 1.1 / 1.2

350mA

Max no. fixtures	PSU	IP	Page
1/3	A13350VL	20	845
1/15	ACUNI020T1	20	844 845
3/9	A19350QL	20	845
5/12	A312350QL	20	845
1/12 dimmer	ADUNITC	20	848 849 850

500mA

Max no. fixtures	PSU	IP	Page
1/3	A13500TC	20	845
1/10	ACUNI020T1	20	844 845
2/5	A15500QL	20	845
5/10	A310500QL	20	845
1/12 dimmer	ADUNITC	20	848 849 850

▼

CAMEO 2.8

3000K, 5W, tiltable zoom lens 8°-58°, white



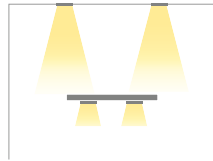
POWER SUPPLY UNITS Cameo 1.6 / 1.7 / 1.8 / 2.6 / 2.7 / 2.8



Max no. fixtures	PSU	IP	Page
1...n	24Vdc	20	847

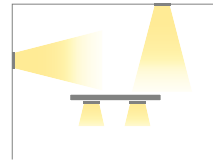








^
ESEM 3.2
 3000K, 8W, black



 
 narrow medium



   
 narrow medium wide elliptical

FIXED OPTICS

Ø31 mm



ESEM MINI 1.0 p. 502
 max 2W max 500mA
 constant current

ESEM MINI 1.6 p. 503
 2W 24Vdc
 constant voltage



Ø46 mm



ESEM MID 1.0 p. 504
 max 3W max 350mA
 constant current

ESEM MID 1.6 p. 505
 3W 24Vdc
 constant voltage



TILTABLE OPTICS

Ø40 mm



ESEM MINI 1.1 p. 502
 max 2W max 500mA
 constant current

ESEM MINI 1.7 p. 503
 2W 24Vdc
 constant voltage



Ø55 mm



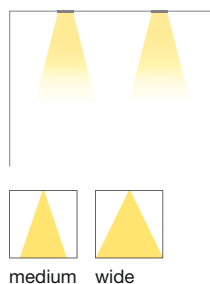
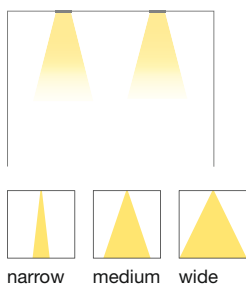
ESEM MID 1.1 p. 504
 max 3W max 350mA
 constant current

ESEM MID 1.7 p. 505
 3W 24Vdc
 constant voltage



ESEM

INDOOR RECESSED DOWNLIGHTS
SHOWCASES AND FALSE CEILINGS IN HOSPITALITY AND PRIVATE HOMES



Ø38 mm



ESEM 2.0 p. 507
max 2W max 500mA
constant current

ESEM 2.6 p. 507
2W 24Vdc
constant voltage



Ø59 mm



ESEM 3.0 p. 508
8W 230Vac
DALI, ON/OFF
mains voltage



Ø75 mm



ESEM 4.0 p. 510
14W 230Vac
DALI, 1-10V, mains dimming, ON/OFF
mains voltage



Ø74 mm



ESEM 3.1 p. 509
8W 230Vac
DALI, 1-10V,
ON/OFF
mains voltage



Ø74 mm



ESEM 3.2 p. 509
8W 230Vac
DALI, 1-10V,
ON/OFF
mains voltage



Ø89 mm



ESEM 4.1 p. 511
14W 230Vac
DALI, 1-10V, mains dimming,
ON/OFF
mains voltage



Ø89 mm



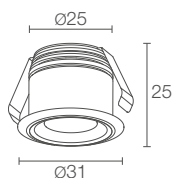
ESEM 4.2 p. 511
14W 230Vac
DALI, 1-10V, mains dimming,
ON/OFF
mains voltage



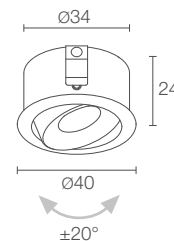
ESEM MINI



ESEM MINI 1.0



ESEM MINI 1.1

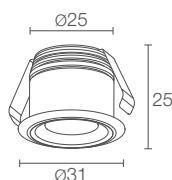


POWER / POWER SUPPLY CODE	max 2W max 500mA ME1012 ■ B White ME1012 ■ N Black ME1012 ■ A Anodized grey
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K
OPTICS	S - 14° M - 27°
LUMEN OUTPUT AT SOURCE	145 lm (3000K, 500mA)
DELIVERED LUMEN OUTPUT	125 lm (3000K, 500mA, 27°)
NO. AND TYPE OF LED	1 power LED 1/4 ANSI BIN, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in aluminium
POWER SUPPLY UNIT	not included, see p. 512 and 844
POWER CABLES	includes 2x0.50 m single-core cables
WIRING	series
MOUNTING	recessed (ceiling, shelf)
PHOTOMETRIC DATA	see p. 760

POWER / POWER SUPPLY CODE	max 2W max 500mA ME1112 ■ B White ME1112 ■ N Black ME1112 ■ A Anodized grey
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K
OPTICS	S - 14° tilttable ±20° M - 27° tilttable ±20°
LUMEN OUTPUT AT SOURCE	145 lm (3000K, 500mA)
DELIVERED LUMEN OUTPUT	125 lm (3000K, 500mA, 27°)
NO. AND TYPE OF LED	1 power LED 1/4 ANSI BIN, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in aluminium
POWER SUPPLY UNIT	not included, see p. 512 and 844
POWER CABLES	includes 2x0.50 m single-core cables
WIRING	series
MOUNTING	recessed (ceiling, shelf)
PHOTOMETRIC DATA	see p. 760



ESEM MINI 1.6



2W 24Vdc

ME1600 ■ **B** White
ME1600 ■ **N** Black
ME1600 ■ **A** Anodized grey

■ **F** - 2700K
5 - 3000K
9 - 4000K
0 - 5000K

■ **S** - 14°
M - 27°

145 lm (3000K)

125 lm (3000K, 27°)

1 power LED
1/4 ANSI BIN, 50000h L90 B10 (Ta 25°C)

body in aluminium

not included, see p. 512

includes 1.5 m PVC cable
FROR 2x0.35/0.35 Ø3.5 mm

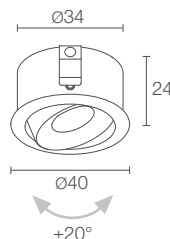
parallel

recessed (ceiling, shelf)

see p. 760



ESEM MINI 1.7



2W 24Vdc

ME1700 ■ **B** White
ME1700 ■ **N** Black
ME1700 ■ **A** Anodized grey

■ **F** - 2700K
5 - 3000K
9 - 4000K
0 - 5000K

■ **S** - 14° tilttable ±20°
M - 27° tilttable ±20°

145 lm (3000K)

125 lm (3000K, 27°)

1 power LED
1/4 ANSI BIN, 50000h L90 B10 (Ta 25°C)

body in aluminium

not included, see p. 512

includes 1.5 m PVC cable
FROR 2x0.35/0.35 Ø3.5 mm

parallel

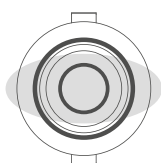
recessed (ceiling, shelf)

see p. 760

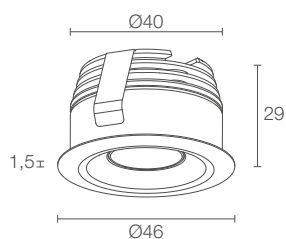
ESEM MID



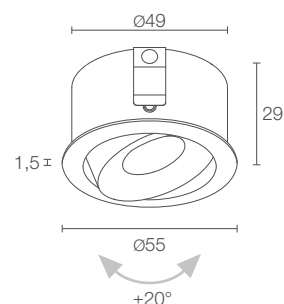
ESEM MID 1.0



20°x45° optics



ESEM MID 1.1

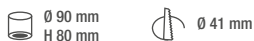
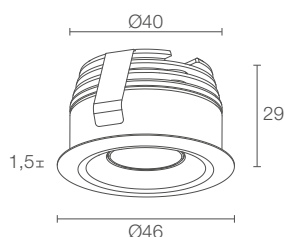


POWER / POWER SUPPLY CODE	max 3W max 350mA EM1031 ■ B White EM1031 ■ N Black EM1031 ■ A Anodized grey
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K
OPTICS	S - 11° M - 22° L - 30° W - 20°x45°
LUMEN OUTPUT AT SOURCE	309 lm (3000K, 350mA)
DELIVERED LUMEN OUTPUT	220 lm (3000K, 350mA, 22°)
NO. AND TYPE OF LED	3 power LEDs 1/4 ANSI BIN, 50000h L95 B10 (Ta 25°C)
MATERIAL	body and trim in aluminium
POWER SUPPLY UNIT	not included, see p. 512 and 844
POWER CABLES	includes 1.5 m PVC cable FROR 2x0.35 Ø3.5 mm
WIRING	series
MOUNTING	recessed (ceiling, wall, shelf)
NOTES	IP44 version available on request
PHOTOMETRIC DATA	see p. 760

POWER / POWER SUPPLY CODE	max 3W max 350mA EM1131 ■ B White EM1131 ■ N Black EM1131 ■ A Anodized grey
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K
OPTICS	S - 11° tilttable ±20° M - 22° tilttable ±20° L - 30° tilttable ±20° W - 20°x45° tilttable ±20°
LUMEN OUTPUT AT SOURCE	309 lm (3000K, 350mA)
DELIVERED LUMEN OUTPUT	220 lm (3000K, 350mA, 22°)
NO. AND TYPE OF LED	3 power LEDs 1/4 ANSI BIN, 50000h L95 B10 (Ta 25°C)
MATERIAL	body and trim in aluminium
POWER SUPPLY UNIT	not included, see p. 512 and 844
POWER CABLES	includes 1.5 m PVC cable FROR 2x0.35 Ø3.5 mm
WIRING	series
MOUNTING	recessed (ceiling, wall, shelf)
NOTES	IP44 version available on request
PHOTOMETRIC DATA	see p. 760



ESEM MID 1.6



3W 24Vdc
EM1600 ■ **B** White
EM1600 ■ **N** Black
EM1600 ■ **A** Anodized grey

■ **F** - 2700K
5 - 3000K
9 - 4000K
0 - 5000K

■ **S** - 11°
M - 22°
L - 30°
W - 20°x45°

309 lm (3000K)

220 lm (3000K, 22°)

3 power LEDs
 1/4 ANSI BIN, 50000h L95 B10 (Ta 25°C)

body and trim in aluminium

not included, see p. 512

includes 1.5 m PVC cable
 FROR 2x0.35/0.35 Ø3.5 mm

parallel

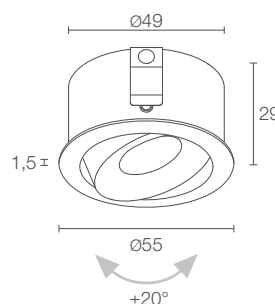
recessed (ceiling, wall, shelf)

IP44 version available on request

see p. 760



ESEM MID 1.7



3W 24Vdc
EM1700 ■ **B** White
EM1700 ■ **N** Black
EM1700 ■ **A** Anodized grey

■ **F** - 2700K
5 - 3000K
9 - 4000K
0 - 5000K

■ **S** - 11° tiltable ±20°
M - 22° tiltable ±20°
L - 30° tiltable ±20°
W - 20°x45° tiltable ±20°

309 lm (3000K)

220 lm (3000K, 22°)

3 power LEDs
 1/4 ANSI BIN, 50000h L95 B10 (Ta 25°C)

body and trim in aluminium

not included, see p. 512

includes 1.5 m PVC cable
 FROR 2x0.35/0.35 Ø3.5 mm

parallel

recessed (ceiling, wall, shelf)

IP44 version available on request

see p. 760



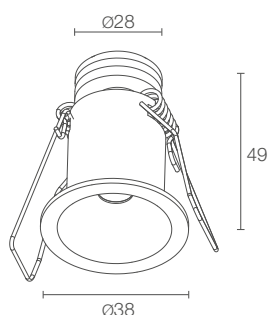
506

L&L Luce&Light

ESEM 2



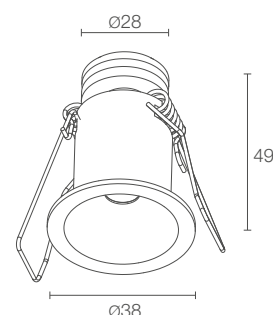
ESEM 2.0



Ø 130 mm
H 90 mm



ESEM 2.6



Ø 130 mm
H 90 mm



POWER / POWER SUPPLY CODE	max 2W max 500mA ES2012 ■ ■ E B White
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K
OPTICS	S - 16° M - 36° L - 80°
LUMEN OUTPUT AT SOURCE	145 lm (3000K, 500mA)
DELIVERED LUMEN OUTPUT	122 lm (3000K, 500mA, 36°)
NO. AND TYPE OF LED	1 power LED 1/4 ANSI BIN, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in aluminium
POWER SUPPLY UNIT	not included, see p. 512 and 844
POWER CABLES	includes 1.5 m PVC cable FROR 2x0.35 Ø3.5 mm
WIRING	series
MOUNTING	recessed (ceiling)
ACCESSORIES	see p. 512
PHOTOMETRIC DATA	see p. 760

POWER / POWER SUPPLY CODE	2W 24Vdc ES2600 ■ ■ B White
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K
OPTICS	S - 16° M - 36° L - 80°
LUMEN OUTPUT AT SOURCE	145 lm (3000K)
DELIVERED LUMEN OUTPUT	122 lm (3000K, 36°)
NO. AND TYPE OF LED	1 power LED 1/4 ANSI BIN, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in aluminium
POWER SUPPLY UNIT	not included, see p. 512
POWER CABLES	includes 1.5 m PVC cable FROR 2x0.35 Ø3.5 mm
WIRING	parallel
MOUNTING	recessed (ceiling)
ACCESSORIES	none
PHOTOMETRIC DATA	see p. 760

< ESEM MID 1.1
3000K, 3W, 30°, black

Project by / Studio ARCHH Lorenzo Agnese,
Giovanni Guerrieri
Photo by / Alessio Tamborini
The Coeclerici Gallery - Galata Maritime Museum,
Genoa, Italy

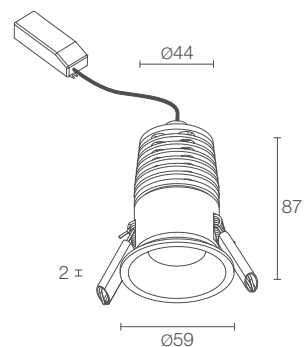
ESEM 3

✓
ESEM 3.1
 3000K, 8W, 20°, white

Interior design by / Cristian Turra
 Photo by / Alessio Tamborini
 Private residence, Brescia, Italy



ESEM 3.0



Ø 170 mm
 H 150 mm

Ø 50 mm

CE LED TEC DALI kg 0.25 IP40 IP44 installed
 A A+ A++

POWER / POWER SUPPLY CODE

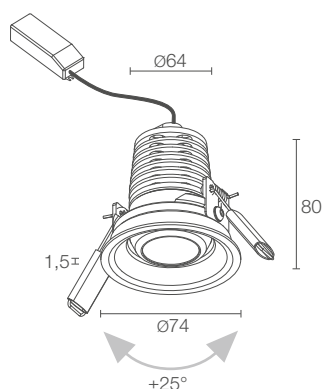
8W 230Vac
ES3010 ■ **B** White
ES3010 ■ **N** Black

8W 230Vac DALI + PUSH
ES3010 ■ **BD** White
ES3010 ■ **ND** Black

LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	S - 20° M - 30° L - 54°
LUMEN OUTPUT AT SOURCE	512 lm (3000K)
DELIVERED LUMEN OUTPUT	425 lm (3000K, 30°)
NO. AND TYPE OF LED	1 multichip power LED 2-step MacAdam, 50000h L90 B10 (Ta 25°C)
MATERIAL	body and trim in aluminium
POWER SUPPLY UNIT	included and wired
POWER CABLES	includes 0.30 m cable
MOUNTING	recessed (ceiling)
PHOTOMETRIC DATA	see p. 761



ESEM 3.1



Ø 180 mm
H 150 mm

Ø 65 mm

CE LED DALI kg 0.30 IP40
A A+ A++

8W 230Vac

ES3100 **B** White
ES3100 **N** Black

8W 230Vac 1-10V + PUSH

ES3100 **BR** White
ES3100 **NR** Black

8W 230Vac DALI + PUSH

ES3100 **BD** White
ES3100 **ND** Black

F - 2700K
5 - 3000K
9 - 4000K

S - 20° tilttable ±25°
M - 30° tilttable ±25°
L - 54° tilttable ±25°

512 lm (3000K)

425 lm (3000K, 30°)

1 multichip power LED
2-step MacAdam, 50000h L90 B10 (Ta 25°C)

body and trim in aluminium

included and wired

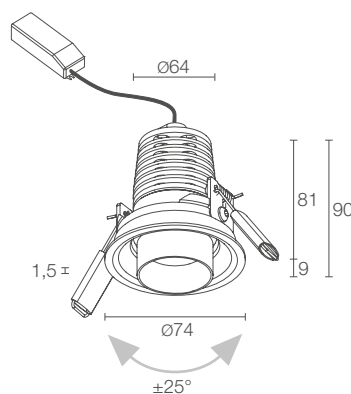
includes 0.30 m cable

recessed (ceiling)

see p. 761



ESEM 3.2



Ø 180 mm
H 150 mm

Ø 65 mm

CE LED DALI kg 0.30 IP40
A A+ A++

8W 230Vac

ES3200 **B** White
ES3200 **N** Black

8W 230Vac 1-10V + PUSH

ES3200 **BR** White
ES3200 **NR** Black

8W 230Vac DALI + PUSH

ES3200 **BD** White
ES3200 **ND** Black

F - 2700K
5 - 3000K
9 - 4000K

S - 16° tilttable ±25°
M - 29° tilttable ±25°
L - 46° tilttable ±25°

512 lm (3000K)

436 lm (3000K, 29°)

1 multichip power LED
2-step MacAdam, 50000h L90 B10 (Ta 25°C)

body and trim in aluminium

included and wired

includes 0.30 m cable

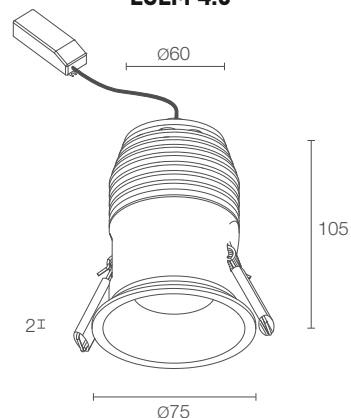
recessed (ceiling)

see p. 761

ESEM 4



ESEM 4.0



✓
ESEM 4.2
3000K, 14W, 24°, white

Interior design by / Cristian Turra
Photo by / Alessio Tamborini
Private residence, Brescia, Italy



POWER / POWER SUPPLY CODE

14W 230Vac
ES4010 ■ ■ **B** White
ES4010 ■ ■ **N** Black

14W 230Vac 1-10V + PUSH
ES4010 ■ ■ **BR** White
ES4010 ■ ■ **NR** Black

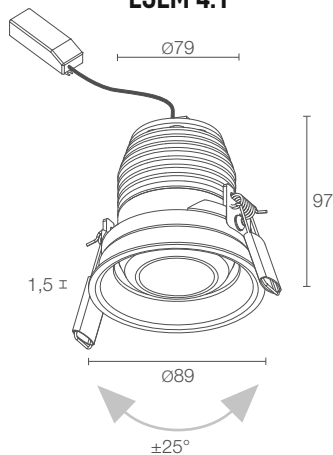
14W 230Vac DALI + PUSH
ES4010 ■ ■ **BD** White
ES4010 ■ ■ **ND** Black

14W 230Vac MAINS DIMMING
ES4010 ■ ■ **BT** White
ES4010 ■ ■ **NT** Black

■ LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
■ OPTICS	M - 20° L - 40°
LUMEN OUTPUT AT SOURCE	1219 lm (3000K)
DELIVERED LUMEN OUTPUT	957 lm (3000K, 20°)
NO. AND TYPE OF LED	1 multichip power LED 2-step MacAdam, 50000h L85 B10 (Ta 25°C)
MATERIAL	body and trim in aluminium
POWER SUPPLY UNIT	included and wired
POWER CABLES	includes 0.30 m cable
MOUNTING	recessed (ceiling)
PHOTOMETRIC DATA	see p. 761



ESEM 4.1



Ø 200 mm
H 200 mm

Ø 80 mm

CE LED TECH IP40

A A+ A++

14W 230Vac
ES4100 ■ **B** White
ES4100 ■ **N** Black

14W 230Vac 1-10V + PUSH
ES4100 ■ **BR** White
ES4100 ■ **NR** Black

14W 230Vac DALI + PUSH
ES4100 ■ **BD** White
ES4100 ■ **ND** Black

14W 230Vac MAINS DIMMING
ES4100 ■ **BT** White
ES4100 ■ **NT** Black

■ **F** - 2700K
5 - 3000K
9 - 4000K

■ **M** - 20° tilttable ±25°
L - 40° tilttable ±25°

1219 lm (3000K)

957 lm (3000K, 20°)

1 multichip power LED
 2-step MacAdam, 50000h L85 B10 (Ta 25°C)

body and trim in aluminium

included and wired

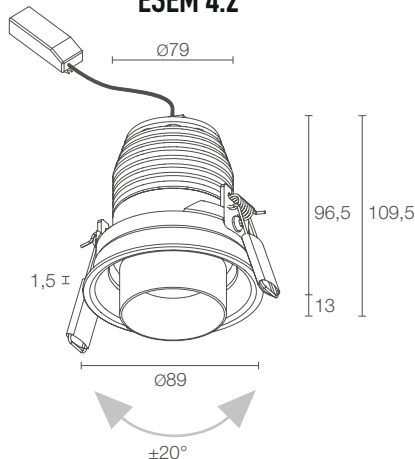
includes 0.30 m cable

recessed (ceiling)

see p. 761



ESEM 4.2



Ø 200 mm
H 200 mm

Ø 80 mm

CE LED TECH IP40

A A+ A++

14W 230Vac
ES4200 ■ **B** White
ES4200 ■ **N** Black

14W 230Vac 1-10V + PUSH
ES4200 ■ **BR** White
ES4200 ■ **NR** Black

14W 230Vac DALI + PUSH
ES4200 ■ **BD** White
ES4200 ■ **ND** Black

14W 230Vac MAINS DIMMING
ES4200 ■ **BT** White
ES4200 ■ **NT** Black

■ **F** - 2700K
5 - 3000K
9 - 4000K

■ **M** - 24° tilttable ±20°
L - 37° tilttable ±20°

1219 lm (3000K)

940 lm (3000K, 24°)

1 multichip power LED
 2-step MacAdam, 50000h L85 B10 (Ta 25°C)

body and trim in aluminium

included and wired

includes 0.30 m cable

recessed (ceiling)

see p. 761

ESEM

ACCESSORIES AND POWER SUPPLY UNITS

POWER CABLES

PVC cable
FROR 2x0.35 Ø3.5 mm
your choice of length

WF0110

(Esem 2.0)

order together
with the lighting fixture

POWER SUPPLY UNITS Esem Mini 1.0 / 1.1

350mA

Max no. fixtures	PSU	IP	Page
1/3	A13350VL	20	845
1/15	ACUNI020T1	20	844 845
3/9	A19350QL	20	845
5/12	A312350QL	20	845
1/12 dimmer	ADUNITC	20	848 849 850
2/6	A16350IP67	67	845
5/12	A312350IP67	67	845

500mA

Max no. fixtures	PSU	IP	Page
1/3	A13500TC	20	845
1/10	ACUNI020T1	20	844 845
2/5	A15500QL	20	845
5/10	A310500QL	20	845
1/12 dimmer	ADUNITC	20	848 849 850
1/4	A14500IP67	67	845
5/10	A310500IP67	67	845

POWER SUPPLY UNITS Esem Mini 1.6 / 1.7, Esem Mid 1.6 / 1.7, Esem 2.6

Max no. fixtures	PSU	IP	Page
1...n	24Vdc	20	847

POWER SUPPLY UNITS Esem Mid 1.0 / 1.1

Max no. fixtures	PSU	IP	Page
1	A13350VL	20	845
1/3	A19350QL	20	845
1/5	ACUNI020T1	20	844 845
2/4	A312350QL	20	845
1/4 dimmer	ADUNITC	20	848 849 850

POWER SUPPLY UNITS Esem 2.0

350mA

Max no. fixtures	PSU	IP	Page
1/3	A13350VL	20	845
1/15	ACUNI020T1	20	844 845
3/9	A19350QL	20	845
5/12	A312350QL	20	845
1/12 dimmer	ADUNITC	20	848 849 850

500mA

Max no. fixtures	PSU	IP	Page
1/3	A13500TC	20	845
1/10	ACUNI020T1	20	844 845
2/5	A15500QL	20	845
5/10	A310500QL	20	845
1/12 dimmer	ADUNITC	20	848 849 850

ESEM 3.1 >

3000K, 8W, 20°, white

Interior design by / Cristian Turra
Private residence, Iseo, Brescia, Italy



ROUND COVER



CONSTANT CURRENT

CONSTANT VOLTAGE

Ø25 mm
IDEAL FOR STARRY SKY



EYES 1.0 p. 516
max 1W max 350mA



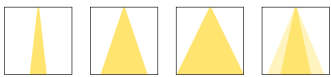
EYES 1.6 p. 517
1W 24Vdc

Ø35 mm
IDEAL FOR SHELVES AND SHOWCASES



EYES 2.0 p. 518
max 2W max 500mA

Ø34 mm
IDEAL FOR SHELVES AND SHOWCASES



EYES 2.1 p. 518
max 2W max 500mA



EYES 2.7 p. 521
2W 24Vdc

▼
EYES 2.1
4000K, 2W, 20°, white



EYES

INDOOR RECESSED DOWNLIGHTS
STARRY SKY, SHELVES, SHOWCASES AND FALSE CEILINGS

SQUARE COVER



2700K 3000K 4000K 5000K blue

CONSTANT CURRENT

CONSTANT VOLTAGE

25x25 mm

IDEAL FOR STARRY SKY



wide diffuse



EYES 1.2 p. 516
max 1W max 350mA



EYES 1.8 p. 517
1W 24Vdc

35x35 mm

IDEAL FOR SHELVES AND SHOWCASES



diffuse



EYES 2.2 p. 519
max 2W max 500mA

35x35 mm

IDEAL FOR SHELVES AND SHOWCASES



narrow medium wide elliptical



EYES 2.3 p. 519
max 2W max 500mA



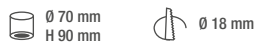
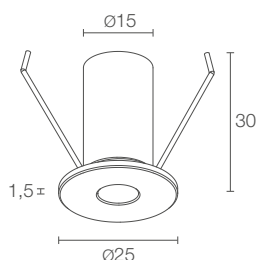
EYES 2.9 p. 521
2W 24Vdc



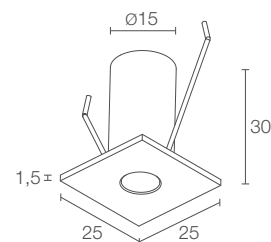
EYES 1



EYES 1.0



EYES 1.2

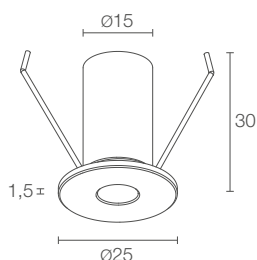


POWER / POWER SUPPLY CODE	max 1W max 350mA EY1011 ■ B White EY1011 ■ C Chrome EY1011 ■ D Gold EY1011 ■ S Satin EY1011 ■ N Black
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue
OPTICS	F - 40° D - diffuse
LUMEN OUTPUT AT SOURCE	110 lm (3000K, 350mA)
DELIVERED LUMEN OUTPUT	54 lm (3000K, 350mA, 40°)
NO. AND TYPE OF LED	1 power LED 1/4 ANSI BIN (white LED colour) 50000h L90 B10 (Ta 25°C)
MATERIAL	body in anodized aluminium trim in brass
POWER SUPPLY UNIT	not included, see p. 523 and 844
POWER CABLES	includes 1.5 m PVC cable FROR 2x0.35 Ø3.5 mm
WIRING	series
MOUNTING	recessed (ceiling)
ACCESSORIES	see p. 522
PHOTOMETRIC DATA	see p. 762

POWER / POWER SUPPLY CODE	max 1W max 350mA EY1211 ■ B White EY1211 ■ C Chrome EY1211 ■ D Gold EY1211 ■ S Satin EY1211 ■ N Black
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue
OPTICS	F - 40° D - diffuse
LUMEN OUTPUT AT SOURCE	110 lm (3000K, 350mA)
DELIVERED LUMEN OUTPUT	54 lm (3000K, 350mA, 40°)
NO. AND TYPE OF LED	1 power LED 1/4 ANSI BIN (white LED colour) 50000h L90 B10 (Ta 25°C)
MATERIAL	body in anodized aluminium trim in brass
POWER SUPPLY UNIT	not included, see p. 523 and 844
POWER CABLES	includes 1.5 m PVC cable FROR 2x0.35 Ø3.5 mm
WIRING	series
MOUNTING	recessed (ceiling)
ACCESSORIES	see p. 522
PHOTOMETRIC DATA	see p. 762



EYES 1.6



Ø 70 mm
H 90 mm

Ø 18 mm

CE LED T834 III kg 0.08 IP40 IP44 installed
A A+ A++ EPS

1W 24Vdc

EY1611 B White
EY1611 C Chrome
EY1611 D Gold
EY1611 S Satin
EY1611 N Black

F - 2700K
5 - 3000K
9 - 4000K
0 - 5000K
1 - blue

F - 40°
D - diffuse

110 lm (3000K)

54 lm (3000K, 40°)

1 power LED
1/4 ANSI BIN (white LED colour)
50000h L90 B10 (Ta 25°C)

body in anodized aluminium
trim in brass

not included, see p. 523

includes 1.5 m PVC cable
FROR 2x0.35 Ø3.5 mm

parallel

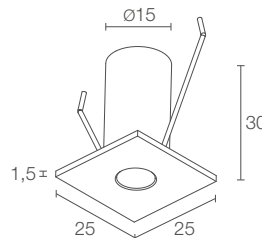
recessed (ceiling)

none

see p. 762



EYES 1.8



Ø 70 mm
H 90 mm

Ø 18 mm

CE LED T834 III kg 0.08 IP40 IP44 installed
A A+ A++ EPS

1W 24Vdc

EY1811 B White
EY1811 C Chrome
EY1811 D Gold
EY1811 S Satin
EY1811 N Black

F - 2700K
5 - 3000K
9 - 4000K
0 - 5000K
1 - blue

F - 40°
D - diffuse

110 lm (3000K)

54 lm (3000K, 40°)

1 power LED
1/4 ANSI BIN (white LED colour)
50000h L90 B10 (Ta 25°C)

body in anodized aluminium
trim in brass

not included, see p. 523

includes 1.5 m PVC cable
FROR 2x0.35 Ø3.5 mm

parallel

recessed (ceiling)

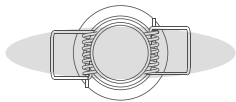
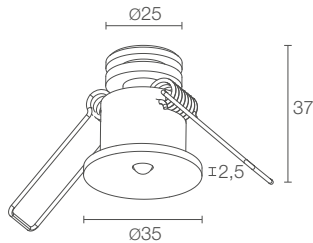
none

see p. 762

EYES 2



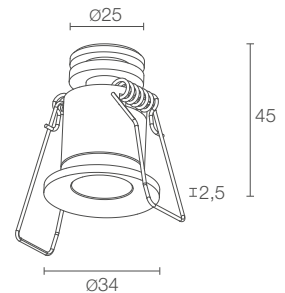
EYES 2.0



10°x45° optics
(Eyes 2.1)



EYES 2.1

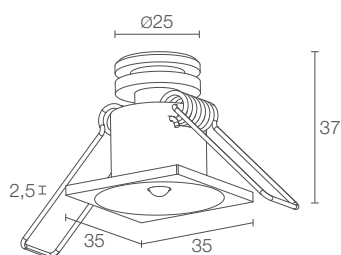


POWER / POWER SUPPLY CODE	max 2W max 500mA F1235 D E B White F1235 D E C Chrome F1235 D E D Gold F1235 D E S Satin F1235 D E N Black
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue 2200K on request
OPTICS	diffuse
LUMEN OUTPUT AT SOURCE	145 lm (3000K, 500mA)
DELIVERED LUMEN OUTPUT	73 lm (3000K, 500mA)
NO. AND TYPE OF LED	1 power LED 1/4 ANSI BIN (white LED colour) 50000h L90 B10 (Ta 25°C)
MATERIAL	body in anodized aluminium trim in brass screen in transparent polycarbonate
POWER SUPPLY UNIT	not included, see p. 523 and 844
POWER CABLES	includes 1.5 m PVC cable FROR 2x0.35 Ø3.5 mm
WIRING	series
MOUNTING	recessed (ceiling)
ACCESSORIES	see p. 522
NOTES	
PHOTOMETRIC DATA	see p. 762

POWER / POWER SUPPLY CODE	max 2W max 500mA F1235 E B White F1235 E C Chrome F1235 E D Gold F1235 E S Satin F1235 E N Black
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue 2200K on request
OPTICS	S - 10° M - 20° L - 40° W - 10°x45°
LUMEN OUTPUT AT SOURCE	145 lm (3000K, 500mA)
DELIVERED LUMEN OUTPUT	115 lm (3000K, 500mA, 20°)
NO. AND TYPE OF LED	1 power LED 1/4 ANSI BIN (white LED colour) 50000h L90 B10 (Ta 25°C)
MATERIAL	body in anodized aluminium trim in brass
POWER SUPPLY UNIT	not included, see p. 523 and 844
POWER CABLES	includes 1.5 m PVC cable FROR 2x0.35 Ø3.5 mm
WIRING	series
MOUNTING	recessed (ceiling)
ACCESSORIES	see p. 522
NOTES	24Vdc version: Eyes 2.7, p. 521
PHOTOMETRIC DATA	see p. 762



EYES 2.2



Ø 110 mm
H 90 mm



CE LED III kg 0.10 IP40 IP44 installed
A A+ A++ EPS

max 2W max 500mA

FQ1235 **D E B** White
FQ1235 **D E C** Chrome
FQ1235 **D E D** Gold
FQ1235 **D E S** Satin
FQ1235 **D E N** Black

F - 2700K
5 - 3000K
9 - 4000K
0 - 5000K
1 - blue
2200K on request

diffuse

145 lm (3000K, 500mA)

73 lm (3000K, 500mA)

1 power LED
1/4 ANSI BIN (white LED colour)
50000h L90 B10 (Ta 25°C)

body in anodized aluminium
trim in brass
screen in transparent polycarbonate

not included, see p. 523 and 844

includes 1.5 m PVC cable
FROR 2x0.35 Ø3.5 mm

series

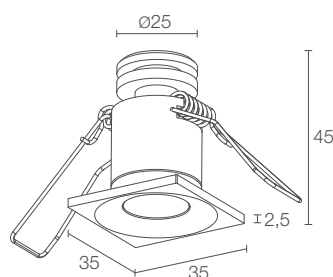
recessed (ceiling)

see p. 522

see p. 762



EYES 2.3



Ø 110 mm
H 90 mm



CE LED III kg 0.10 IP40 IP44 installed
A A+ A++ EPS

max 2W max 500mA

FQ1235 **E B** White
FQ1235 **E C** Chrome
FQ1235 **E D** Gold
FQ1235 **E S** Satin
FQ1235 **E N** Black

F - 2700K
5 - 3000K
9 - 4000K
0 - 5000K
1 - blue
2200K on request

S - 10°
M - 20°
L - 40°
W - 10°x45°

145 lm (3000K, 500mA)

115 lm (3000K, 500mA, 20°)

1 power LED
1/4 ANSI BIN (white LED colour)
50000h L90 B10 (Ta 25°C)

body in anodized aluminium
trim in brass

not included, see p. 523 and 844

includes 1.5 m PVC cable
FROR 2x0.35 Ø3.5 mm

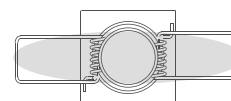
series

recessed (ceiling)

see p. 522

24Vdc version: Eyes 2.9, p. 521

see p. 762



10°x45° optics
(Eyes 2.3)



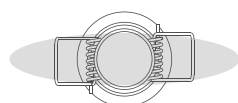
EYES 2



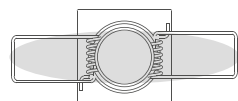
EYES 2.7



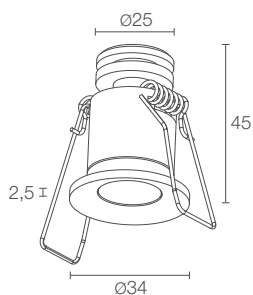
EYES 2.9



10°x45° optics
(Eyes 2.7)



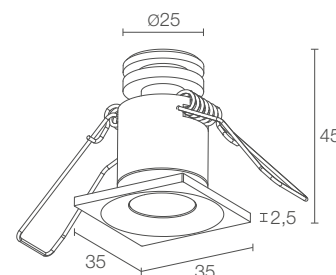
10°x45° optics
(Eyes 2.9)



Ø 110 mm
H 90 mm

Ø 30 mm

CE kg 0.10 IP40 IP44 installed
A A+ A++



Ø 110 mm
H 90 mm

Ø 30 mm

CE kg 0.10 IP40 IP44 installed
A A+ A++

POWER / POWER SUPPLY CODE

2W 24Vdc
F2700 **B** White
F2700 **C** Chrome
F2700 **D** Gold
F2700 **S** Satin
F2700 **N** Black

LED COLOUR

F - 2700K
5 - 3000K
9 - 4000K
0 - 5000K
1 - blue
 2200K on request

OPTICS

S - 10°
M - 20°
L - 40°
W - 10°x45°

LUMEN OUTPUT AT SOURCE

145 lm (3000K)

DELIVERED LUMEN OUTPUT

115 lm (3000K, 20°)

NO. AND TYPE OF LED

1 power LED
 1/4 ANSI BIN (white LED colour)
 50000h L90 B10 (Ta 25°C)

MATERIAL

body in anodized aluminium
 trim in brass

POWER SUPPLY UNIT

not included, see p. 523

POWER CABLES

includes 1.5 m PVC cable
 FROR 2x0.35 Ø3.5 mm

MOUNTING

recessed (ceiling)

ACCESSORIES

see p. 522

NOTES

500mA version: Eyes 2.1, p. 518

PHOTOMETRIC DATA

see p. 762

2W 24Vdc

F2900 **B** White
F2900 **C** Chrome
F2900 **D** Gold
F2900 **S** Satin
F2900 **N** Black

F - 2700K
5 - 3000K
9 - 4000K
0 - 5000K
1 - blue
 2200K on request

S - 10°
M - 20°
L - 40°
W - 10°x45°

145 lm (3000K)

115 lm (3000K, 20°)

1 power LED
 1/4 ANSI BIN (white LED colour)
 50000h L90 B10 (Ta 25°C)

body in anodized aluminium
 trim in brass

not included, see p. 523

includes 1.5 m PVC cable
 FROR 2x0.35 Ø3.5 mm

recessed (ceiling)

see p. 522

500mA version: Eyes 2.3, p. 519

see p. 762

< **EYES 2.1**
 4000K, 2W, 20°, white

Project and light planning by /
 Studio Casolaro Giuseppe e Ottavio
 Offices, Foggia, Italy

EYES

ACCESSORIES AND POWER SUPPLY UNITS

ACCESSORIES FOR INSTALLATION



WC0202

Outer casing for solid walls

(Eyes 2.0 / 2.1 / 2.2 / 2.3 / 2.7 / 2.9)

POWER CABLES

PVC cable

FROR 2x0.35 Ø3.5 mm

your choice of length

WF0110

(Eyes 1.0 / 1.2 / 2.0 / 2.1 / 2.2 / 2.3)

order together
with the lighting fixture

POWER SUPPLY UNITS Eyes 1.0 / 1.2

Max no. fixtures	PSU	IP	Page
1/3	A13350VL	20	845
1/15	ACUNI020T1	20	844 845
3/9	A19350QL	20	845
5/12	A312350QL	20	845
1/12 dimmer	ADUNITC	20	848 849 850

POWER SUPPLY UNITS Eyes 2.0 / 2.1 / 2.2 / 2.3**350mA**

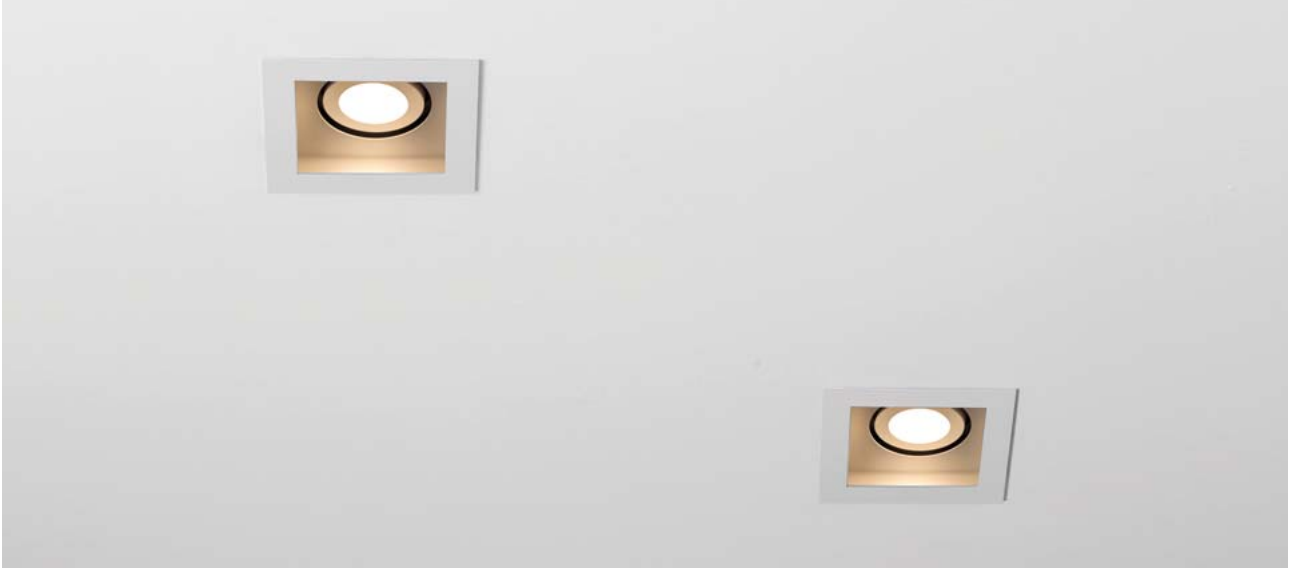
Max no. fixtures	PSU	IP	Page
1/3	A13350VL	20	845
1/15	ACUNI020T1	20	844 845
3/9	A19350QL	20	845
5/12	A312350QL	20	845
1/12 dimmer	ADUNITC	20	848 849 850

500mA

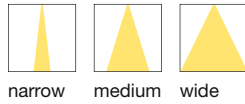
Max no. fixtures	PSU	IP	Page
1/3	A13500TC	20	845
1/10	ACUNI020T1	20	844 845
2/5	A15500QL	20	845
5/10	A310500QL	20	845
1/12 dimmer	ADUNITC	20	848 849 850

POWER SUPPLY UNITS Eyes 1.6 / 1.8 / 2.7 / 2.9

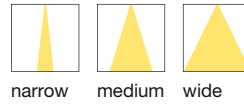
Max no. fixtures	PSU	IP	Page
1...n	24Vdc	20	847



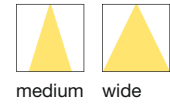
2700K 3000K 4000K 5000K blue RGB



2700K 3000K 4000K



2700K 3000K 4000K



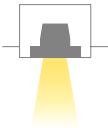
WITHOUT FRAME

CONSTANT CURRENT

MAINS VOLTAGE

MAINS VOLTAGE

SINGLE BEAM



QUAD 6.1 p. 526
max 6W max 500mA

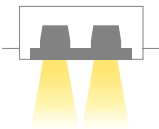


QUAD MAXI 2.1 p. 530
8W 230Vac
DALI, 1-10V, ON/OFF



QUAD MAXI 4.1 p. 534
14W 230Vac
DALI, 1-10V, ON/OFF

DOUBLE BEAM



QUAD 6.2 p. 527
max 12W max 500mA



QUAD MAXI 2.2 p. 531
14,5W 230Vac
DALI, 1-10V, ON/OFF



QUAD MAXI 4.2 p. 535
26W 230Vac
DALI, 1-10V, ON/OFF

3 BEAMS



QUAD 6.3 p. 527
max 18W max 500mA



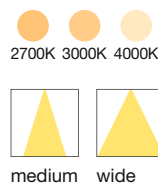
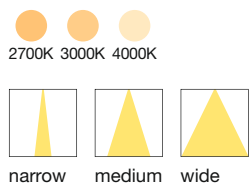
QUAD MAXI 2.3 p. 531
22W 230Vac
DALI, 1-10V, ON/OFF



QUAD MAXI 4.3 p. 535
40W 230Vac
DALI, 1-10V, ON/OFF

QUAD

INDOOR RECESSED DOWNLIGHTS
FALSE CEILINGS IN RETAIL SPACES AND PRIVATE HOMES

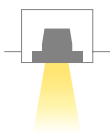


WITH FRAME

MAINS VOLTAGE

MAINS VOLTAGE

SINGLE BEAM

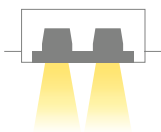


QUAD MAXI 1.1 p. 528
8W 230Vac
DALI, 1-10V, ON/OFF



QUAD MAXI 3.1 p. 532
14W 230Vac
DALI, 1-10V, ON/OFF

DOUBLE BEAM

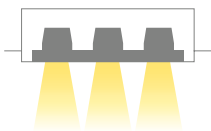


QUAD MAXI 1.2 p. 529
14,5W 230Vac
DALI, 1-10V, ON/OFF



QUAD MAXI 3.2 p. 533
26W 230Vac
DALI, 1-10V, ON/OFF

3 BEAMS



QUAD MAXI 1.3 p. 529
22W 230Vac
DALI, 1-10V, ON/OFF



QUAD MAXI 3.3 p. 533
40W 230Vac
DALI, 1-10V, ON/OFF

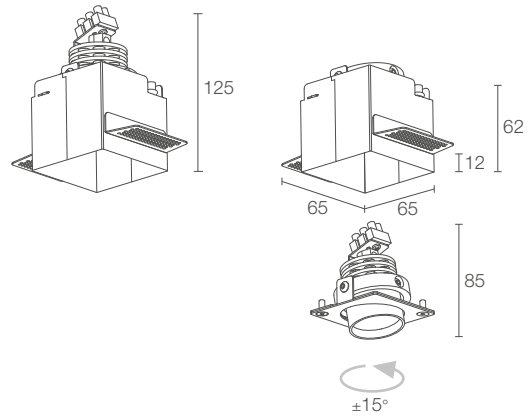
QUAD 6

v
QUAD 6.1
 3000K, 6W, 56°, white

Project by / Nini Andrade Silva
 Light planning by / Light 2 Life, Lighting Design
 WC Beautique Hotel, Lisbon, Portugal





QUAD 6.1



Required outer casing, not included

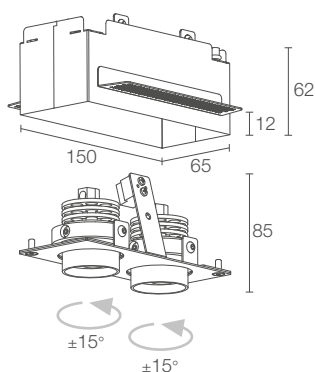
 165x165 mm H 150 mm
  65x65 mm

     kg 0.30 IP40
 A A+ A++

POWER / POWER SUPPLY CODE	max 6W max 500mA QD6132  B White QD6132  N Black
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue 6 - RGB
OPTICS	S - 12° tilttable ±15° M - 24° tilttable ±15° L - 56° tilttable ±15°
LUMEN OUTPUT AT SOURCE	436 lm (3000K, 500mA) RGB: 294 lm, R: 108 lm G: 140 lm B: 46 lm (500mA)
DELIVERED LUMEN OUTPUT	336 lm (3000K, 500mA, 24°) RGB: 210 lm, R: 77 lm G: 100 lm B: 33 lm (500mA, 24°)
NO. AND TYPE OF LED	3 power LEDs 1/4 ANSI BIN (white LED colour) 50000h L90 B10 (Ta 25°C)
MATERIAL	body in anodized aluminium trim in steel
POWER SUPPLY UNIT	not included, see p. 537 and 844
POWER CABLES	terminal block
WIRING	series
MOUNTING	recessed (ceiling)
ACCESSORIES	see p. 536
PHOTOMETRIC DATA	see p. 802



QUAD 6.2



Required outer casing, not included



max 12W max 500mA
QD6262 ■ B White
QD6262 ■ N Black

■ F - 2700K
 5 - 3000K
 9 - 4000K
 0 - 5000K
 1 - blue
 6 - RGB

■ S - 12° tiltable ±15°
 M - 24° tiltable ±15°
 L - 56° tiltable ±15°

436 lm (3000K, 500mA) per beam
 RGB: 294 lm, R: 108 lm G: 140 lm
 B: 46 lm (500mA) per beam

336 lm (3000K, 500mA, 24°) per beam
 RGB: 210 lm, R: 77 lm G: 100 lm
 B: 33 lm (500mA, 24°) per beam

6 power LEDs
 1/4 ANSI BIN (white LED colour)
 50000h L90 B10 (Ta 25°C)

body in anodized aluminium
 trim in steel

not included, see p. 537 and 844

terminal block

series

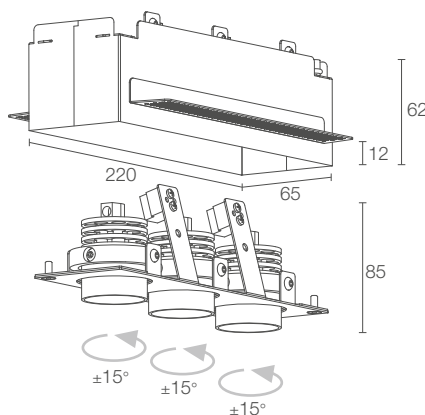
recessed (ceiling)

see p. 536

see p. 802



QUAD 6.3



Required outer casing, not included



max 18W max 500mA
QD6392 ■ B White
QD6392 ■ N Black

■ F - 2700K
 5 - 3000K
 9 - 4000K
 0 - 5000K
 1 - blue
 6 - RGB

■ S - 12° tiltable ±15°
 M - 24° tiltable ±15°
 L - 56° tiltable ±15°

436 lm (3000K, 500mA) per beam
 RGB: 294 lm, R: 108 lm G: 140 lm
 B: 46 lm (500mA) per beam

336 lm (3000K, 500mA, 24°) per beam
 RGB: 210 lm, R: 77 lm G: 100 lm
 B: 33 lm (500mA, 24°) per beam

9 power LEDs
 1/4 ANSI BIN (white LED colour)
 50000h L90 B10 (Ta 25°C)

body in anodized aluminium
 trim in steel

not included, see p. 537 and 844

terminal block

series

recessed (ceiling)

see p. 536

see p. 802

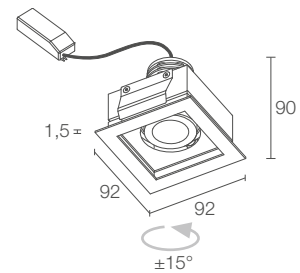
QUAD MAXI 1

✓
QUAD MAXI 1.1
 4000K, 8W, 29°

Light planning by / Studio Luce Sacchi
 Sordi Gioielli, Varedo, Monza and Brianza, Italy



QUAD MAXI 1.1



175x175 mm
 H 150 mm

75x75 mm

CE LED TECH IP40 IP43 installed
 A A+ A++ kg 0.30

POWER / POWER SUPPLY CODE

8W 230Vac
MQ1110 ■ ■ **B** White

8W 230Vac 1-10V + PUSH
MQ1110 ■ ■ **BR** White

8W 230Vac DALI + PUSH
MQ1110 ■ ■ **BD** White

LED COLOUR

F - 2700K
5 - 3000K
9 - 4000K

OPTICS

S - 20° tiltable ±15°
M - 29° tiltable ±15°
L - 54° tiltable ±15°

LUMEN OUTPUT AT SOURCE

512 lm (3000K)

DELIVERED LUMEN OUTPUT

425 lm (3000K, 29°)

NO. AND TYPE OF LED

1 multichip power LED
 2-step MacAdam, 50000h L90 B10 (Ta 25°C)

MATERIAL

body in anodized aluminium
 trim in steel

POWER SUPPLY UNIT

included and wired

POWER CABLES

includes 0.30 m cable

MOUNTING

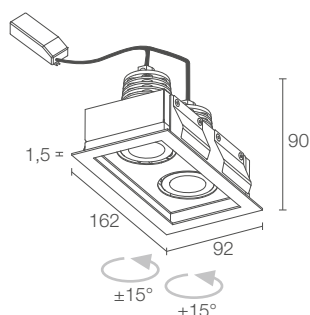
recessed (ceiling)

PHOTOMETRIC DATA

see p. 802



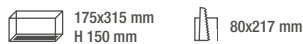
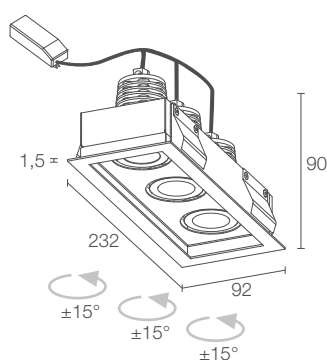
QUAD MAXI 1.2



- 14.5W 230Vac
MQ1210 ■ ■ B White
- 14.5W 230Vac 1-10V + PUSH
MQ1210 ■ ■ BR White
- 14.5W 230Vac DALI + PUSH
MQ1210 ■ ■ BD White



QUAD MAXI 1.3



- 22W 230Vac
MQ1310 ■ ■ B White
- 22W 230Vac 1-10V + PUSH
MQ1310 ■ ■ BR White
- 22W 230Vac DALI + PUSH
MQ1310 ■ ■ BD White

■	F - 2700K 5 - 3000K 9 - 4000K
■	S - 20° tiltable ±15° M - 29° tiltable ±15° L - 54° tiltable ±15°
512 lm (3000K) per beam	
425 lm (3000K, 29°) per beam	
2 multichip power LEDs 2-step MacAdam, 50000h L90 B10 (Ta 25°C)	
body in anodized aluminium trim in steel	
included and wired	
includes 0.30 m cable	
recessed (ceiling)	
see p. 802	

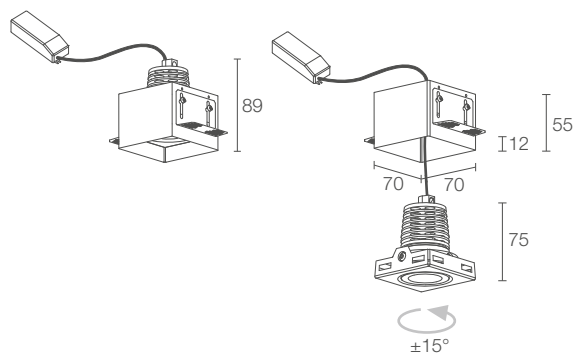
■	F - 2700K 5 - 3000K 9 - 4000K
■	S - 20° tiltable ±15° M - 29° tiltable ±15° L - 54° tiltable ±15°
512 lm (3000K) per beam	
425 lm (3000K, 29°) per beam	
3 multichip power LEDs 2-step MacAdam, 50000h L90 B10 (Ta 25°C)	
body in anodized aluminium trim in steel	
included and wired	
includes 0.30 m cable	
recessed (ceiling)	
see p. 802	

QUAD MAXI 2

✓
QUAD MAXI 2.1
 3000K, 8W, 29°



QUAD MAXI 2.1



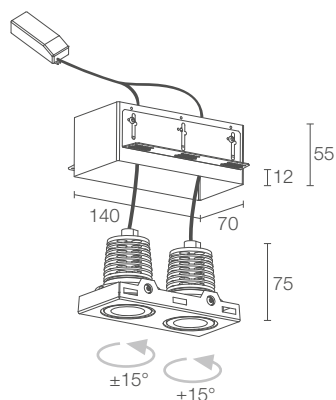
Required outer casing, not included



POWER / POWER SUPPLY CODE	8W 230Vac MQ2110 ■ ■ B White 8W 230Vac 1-10V + PUSH MQ2110 ■ ■ BR White 8W 230Vac DALI + PUSH MQ2110 ■ ■ BD White
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	S - 20° tilttable ±15° M - 29° tilttable ±15° L - 54° tilttable ±15°
LUMEN OUTPUT AT SOURCE	512 lm (3000K)
DELIVERED LUMEN OUTPUT	425 lm (3000K, 29°)
NO. AND TYPE OF LED	1 multichip power LED 2-step MacAdam, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in anodized aluminium trim in steel
POWER SUPPLY UNIT	included and wired
POWER CABLES	includes 0.30 m cable
MOUNTING	recessed (ceiling)
ACCESSORIES	see p. 536
PHOTOMETRIC DATA	see p. 802



QUAD MAXI 2.2



Required outer casing, not included



14.5W 230Vac
MQ2210 ■ ■ B White

14.5W 230Vac 1-10V + PUSH
MQ2210 ■ ■ BR White

14.5W 230Vac DALI + PUSH
MQ2210 ■ ■ BD White

■ F - 2700K
5 - 3000K
9 - 4000K

■ S - 20° tilttable ±15°
M - 29° tilttable ±15°
L - 54° tilttable ±15°

512 lm (3000K) per beam

425 lm (3000K, 29°) per beam

2 multichip power LEDs
2-step MacAdam, 50000h L90 B10 (Ta 25°C)

body in anodized aluminium
trim in steel

included and wired

includes 0.30 m cable

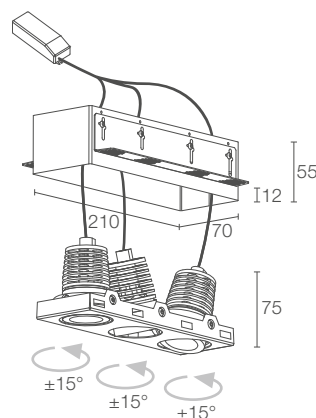
recessed (ceiling)

see p. 536

see p. 802



QUAD MAXI 2.3



Required outer casing, not included



22W 230Vac
MQ2310 ■ ■ B White

22W 230Vac 1-10V + PUSH
MQ2310 ■ ■ BR White

22W 230Vac DALI + PUSH
MQ2310 ■ ■ BD White

■ F - 2700K
5 - 3000K
9 - 4000K

■ S - 20° tilttable ±15°
M - 29° tilttable ±15°
L - 54° tilttable ±15°

512 lm (3000K) per beam

425 lm (3000K, 29°) per beam

3 multichip power LEDs
2-step MacAdam, 50000h L90 B10 (Ta 25°C)

body in anodized aluminium
trim in steel

included and wired

includes 0.30 m cable

recessed (ceiling)

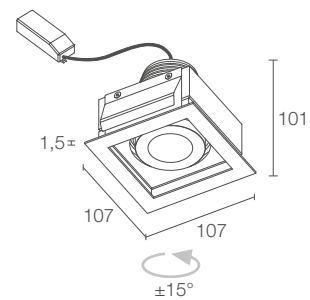
see p. 536

see p. 802

QUAD MAXI 3



QUAD MAXI 3.1









 190x190 mm
H 150 mm

 95x95 mm

    kg 0.76 **IP40** **IP43**
installed

A **A+** **A++** 

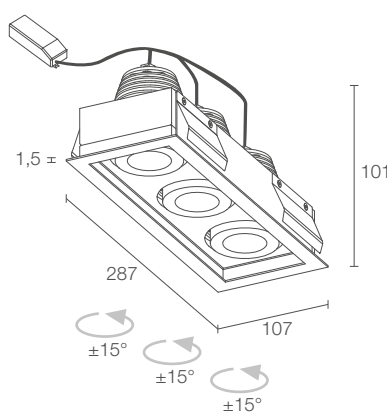
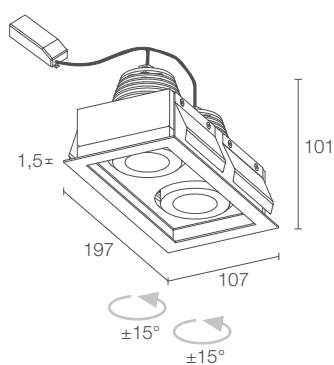
POWER / POWER SUPPLY CODE	14W 230Vac MQ3110   B White
	14W 230Vac 1-10V + PUSH MQ3110   BR White
	14W 230Vac DALI + PUSH MQ3110   BD White
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	M - 20° tiltable ±15° L - 40° tiltable ±15°
LUMEN OUTPUT AT SOURCE	1219 lm (3000K)
DELIVERED LUMEN OUTPUT	950 lm (3000K, 20°)
NO. AND TYPE OF LED	1 multichip power LED 2-step MacAdam, 50000h L85 B10 (Ta 25°C)
MATERIAL	body in anodized aluminium trim in steel
POWER SUPPLY UNIT	included and wired
POWER CABLES	includes 0.30 m cable
MOUNTING	recessed (ceiling)
PHOTOMETRIC DATA	see p. 802



QUAD MAXI 3.2



QUAD MAXI 3.3



190x280 mm
H 150 mm

95x182 mm

190x370 mm
H 150 mm

95x272 mm

CE LED TECH IP40 IP43 installed
A A+ A++

CE LED TECH IP40 IP43 installed
A A+ A++

26W 230Vac
MQ3210 B White

40W 230Vac
MQ3310 B White

26W 230Vac 1-10V + PUSH
MQ3210 BR White

40W 230Vac 1-10V + PUSH
MQ3310 BR White

26W 230Vac DALI + PUSH
MQ3210 BD White

40W 230Vac DALI + PUSH
MQ3310 BD White

F - 2700K
5 - 3000K
9 - 4000K

F - 2700K
5 - 3000K
9 - 4000K

M - 20° tilttable ±15°
L - 40° tilttable ±15°

M - 20° tilttable ±15°
L - 40° tilttable ±15°

1219 lm (3000K) per beam

1219 lm (3000K) per beam

950 lm (3000K, 20°) per beam

950 lm (3000K, 20°) per beam

2 multichip power LEDs
2-step MacAdam, 50000h L85 B10 (Ta 25°C)

3 multichip power LEDs
2-step MacAdam, 50000h L85 B10 (Ta 25°C)

body in anodized aluminium
trim in steel

body in anodized aluminium
trim in steel

included and wired

included and wired

includes 0.30 m cable

includes 0.30 m cable

recessed (ceiling)

recessed (ceiling)

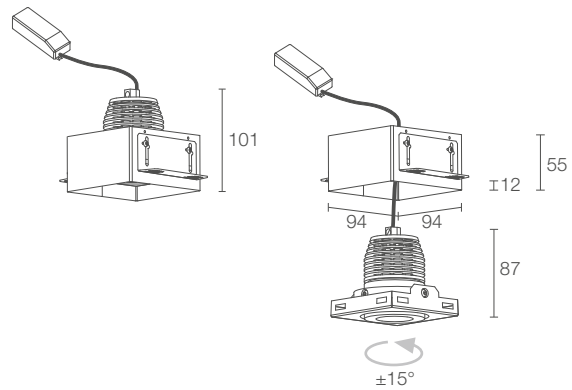
see p. 802

see p. 802

QUAD MAXI 4



QUAD MAXI 4.1



▼
QUAD MAXI 4.1
 3000K, 14W, 20°

Interior design by / Cristian Turra
 Private residence, Iseo, Brescia, Italy



Required outer casing, not included

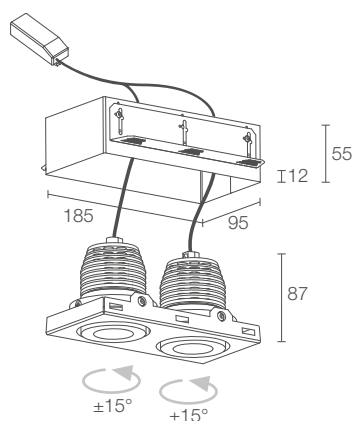


POWER / POWER SUPPLY CODE	14W 230Vac MQ4110 ■ ■ B White
	14W 230Vac 1-10V + PUSH MQ4110 ■ ■ BR White
	14W 230Vac DALI + PUSH MQ4110 ■ ■ BD White

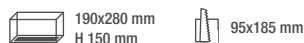
■ LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
■ OPTICS	M - 20° tilttable ±15° L - 40° tilttable ±15°
LUMEN OUTPUT AT SOURCE	1219 lm (3000K)
DELIVERED LUMEN OUTPUT	950 lm (3000K, 20°)
NO. AND TYPE OF LED	1 multichip power LED 2-step MacAdam, 50000h L85 B10 (Ta 25°C)
MATERIAL	body in anodized aluminium trim in steel
POWER SUPPLY UNIT	included and wired
POWER CABLES	includes 0.30 m cable
MOUNTING	recessed (ceiling)
ACCESSORIES	see p. 536
PHOTOMETRIC DATA	see p. 802



QUAD MAXI 4.2



Required outer casing, not included



26W 230Vac
MQ4210 ■ ■ B White

26W 230Vac 1-10V + PUSH
MQ4210 ■ ■ BR White

26W 230Vac DALI + PUSH
MQ4210 ■ ■ BD White

■	F - 2700K 5 - 3000K 9 - 4000K
---	-------------------------------------

■	M - 20° tiltable ±15° L - 40° tiltable ±15°
---	--

1219 lm (3000K) per beam

950 lm (3000K, 20°) per beam

2 multichip power LEDs
2-step MacAdam, 50000h L85 B10 (Ta 25°C)

body in anodized aluminium
trim in steel

included and wired

includes 0.30 m cable

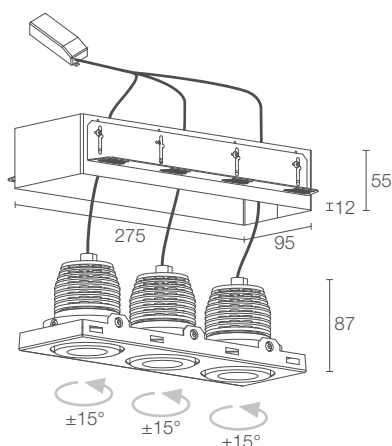
recessed (ceiling)

see p. 536

see p. 802



QUAD MAXI 4.3



Required outer casing, not included



40W 230Vac
MQ4310 ■ ■ B White

40W 230Vac 1-10V + PUSH
MQ4310 ■ ■ BR White

40W 230Vac DALI + PUSH
MQ4310 ■ ■ BD White

■	F - 2700K 5 - 3000K 9 - 4000K
---	-------------------------------------

■	M - 20° tiltable ±15° L - 40° tiltable ±15°
---	--

1219 lm (3000K) per beam

950 lm (3000K, 20°) per beam

3 multichip power LEDs
2-step MacAdam, 50000h L85 B10 (Ta 25°C)

body in anodized aluminium
trim in steel

included and wired

includes 0.30 m cable

recessed (ceiling)

see p. 536

see p. 802

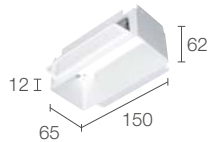
QUAD

ACCESSORIES AND POWER SUPPLY UNITS

ACCESSORIES FOR INSTALLATION



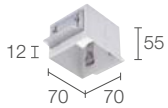
WC2001
Outer casing for plasterboard
(Quad 6.1)



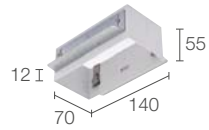
WC2002
Outer casing for plasterboard
(Quad 6.2)



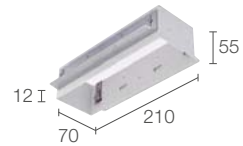
WC2003
Outer casing for plasterboard
(Quad 6.3)



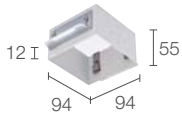
WC2201
Outer casing for plasterboard
(Quad Maxi 2.1)



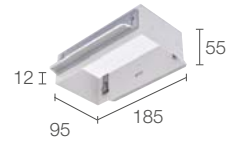
WC2202
Outer casing for plasterboard
(Quad Maxi 2.2)



WC2203
Outer casing for plasterboard
(Quad Maxi 2.3)



WC2401
Outer casing for plasterboard
(Quad Maxi 4.1)



WC2402
Outer casing for plasterboard
(Quad Maxi 4.2)



WC2403
Outer casing for plasterboard
(Quad Maxi 4.3)

POWER SUPPLY UNITS Quad 6.1

350mA

Max no. fixtures	PSU	IP	Page
1	A13350VL	20	845
1/3	A19350QL	20	845
1/5	ACUNI020T1	20	844 845
2/4	A312350QL	20	845
1/4 dimmer	ADUNITC	20	848 849 850
-	RGB controller	-	855 - 860

500mA

Max no. fixtures	PSU	IP	Page
1	A13500TC	20	845
1/3	ACUNI020T1	20	844 845
2/3	A310500QL	20	845
1/4 dimmer	ADUNITC	20	848 849 850
-	RGB controller	-	855 - 860

POWER SUPPLY UNITS Quad 6.2

350mA

Max no. fixtures	PSU	IP	Page
1	ACUNI020T1	20	844 845
1/2	A312350QL	20	845
1/2 dimmer	ADUNITC	20	848 849 850
-	RGB controller	-	855 - 860

500mA

Max no. fixtures	PSU	IP	Page
1	ACUNI020T1	20	844 845
1	A310500QL	20	845
1/2 dimmer	ADUNITC	20	848 849 850
-	RGB controller	-	855 - 860

POWER SUPPLY UNITS Quad 6.3

350mA

Max no. fixtures	PSU	IP	Page
1	ACUNI020T1	20	844 845
1	A19350QL	20	845
1	A312350QL	20	845
1/4 dimmer	ADUNITC	20	848 849 850
-	RGB controller	-	855 - 860

500mA

Max no. fixtures	PSU	IP	Page
1	ACUNI020T1	20	844 845
1	A310500QL	20	845
1 dimmer	ADUNITC	20	848 849 850
-	RGB controller	-	855 - 860



ECHO LED

INDOOR RECESSED DOWNLIGHTS
GENERAL LIGHTING



diffuse

3000K 4000K

Ø178 mm

Ø197 mm

Ø245 mm



ECHO LED 1.0 p. 540
18W 230Vac



ECHO LED 2.0 p. 540
24W 230Vac



ECHO LED 4.0 p. 541
36W 230Vac



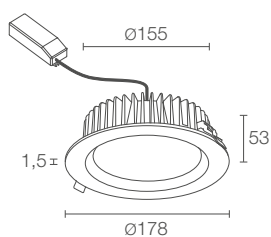
ECHO LED 3.0 p. 541
36W 230Vac

< **ECHO LED 4.0**
4000K, 36W, customized DALI version
Naples-Capodichino International Airport,
Naples, Italy

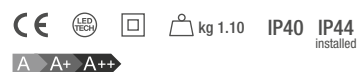
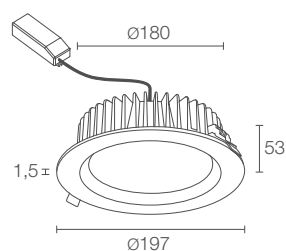
ECHO LED



ECHO LED 1.0



ECHO LED 2.0

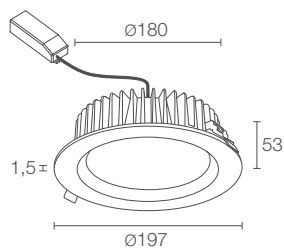


POWER / POWER SUPPLY CODE	18W 230Vac EC1000 D B White
LED COLOUR	5 - 3000K 9 - 4000K
OPTICS	diffuse
LUMEN OUTPUT AT SOURCE	1820 lm (3000K)
DELIVERED LUMEN OUTPUT	1250 lm (3000K)
NO. AND TYPE OF LED	power LED matrix 3-step MacAdam, 50000h L80 B10 (Ta 25°C)
MATERIAL	body and trim in die-cast aluminium screen in one-side-frosted polycarbonate
POWER SUPPLY UNIT	included and wired
POWER CABLES	includes 0.30 m cable
MOUNTING	recessed (ceiling)
PHOTOMETRIC DATA	see p. 757

POWER / POWER SUPPLY CODE	24W 230Vac EC2000 D B White
LED COLOUR	5 - 3000K 9 - 4000K
OPTICS	diffuse
LUMEN OUTPUT AT SOURCE	2440 lm (3000K)
DELIVERED LUMEN OUTPUT	1680 lm (3000K)
NO. AND TYPE OF LED	power LED matrix 3-step MacAdam, 50000h L80 B10 (Ta 25°C)
MATERIAL	body and trim in die-cast aluminium screen in one-side-frosted polycarbonate
POWER SUPPLY UNIT	included and wired
POWER CABLES	includes 0.30 m cable
MOUNTING	recessed (ceiling)
PHOTOMETRIC DATA	see p. 757



ECHO LED 3.0



Ø 280 mm
H 120 mm

Ø 180 mm

CE LED IP40 IP44 installed
A A+ A++

36W 230Vac
EC3000 D B White

5 - 3000K
9 - 4000K

diffuse

3506 lm (3000K)

2418 lm (3000K)

power LED matrix
3-step MacAdam, 50000h L80 B10 (Ta 25°C)

body and trim in die-cast aluminium
screen in one-side-frosted polycarbonate

included and wired

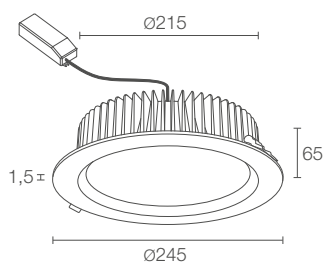
includes 0.30 m cable

recessed (ceiling)

see p. 757



ECHO LED 4.0



Ø 320 mm
H 130 mm

Ø 215 mm

CE LED IP40 IP44 installed
A A+ A++

36W 230Vac
EC4000 D B White

5 - 3000K
9 - 4000K

diffuse

3506 lm (3000K)

2418 lm (3000K)

power LED matrix
3-step MacAdam, 50000h L80 B10 (Ta 25°C)

body and trim in die-cast aluminium
screen in one-side-frosted polycarbonate

included and wired

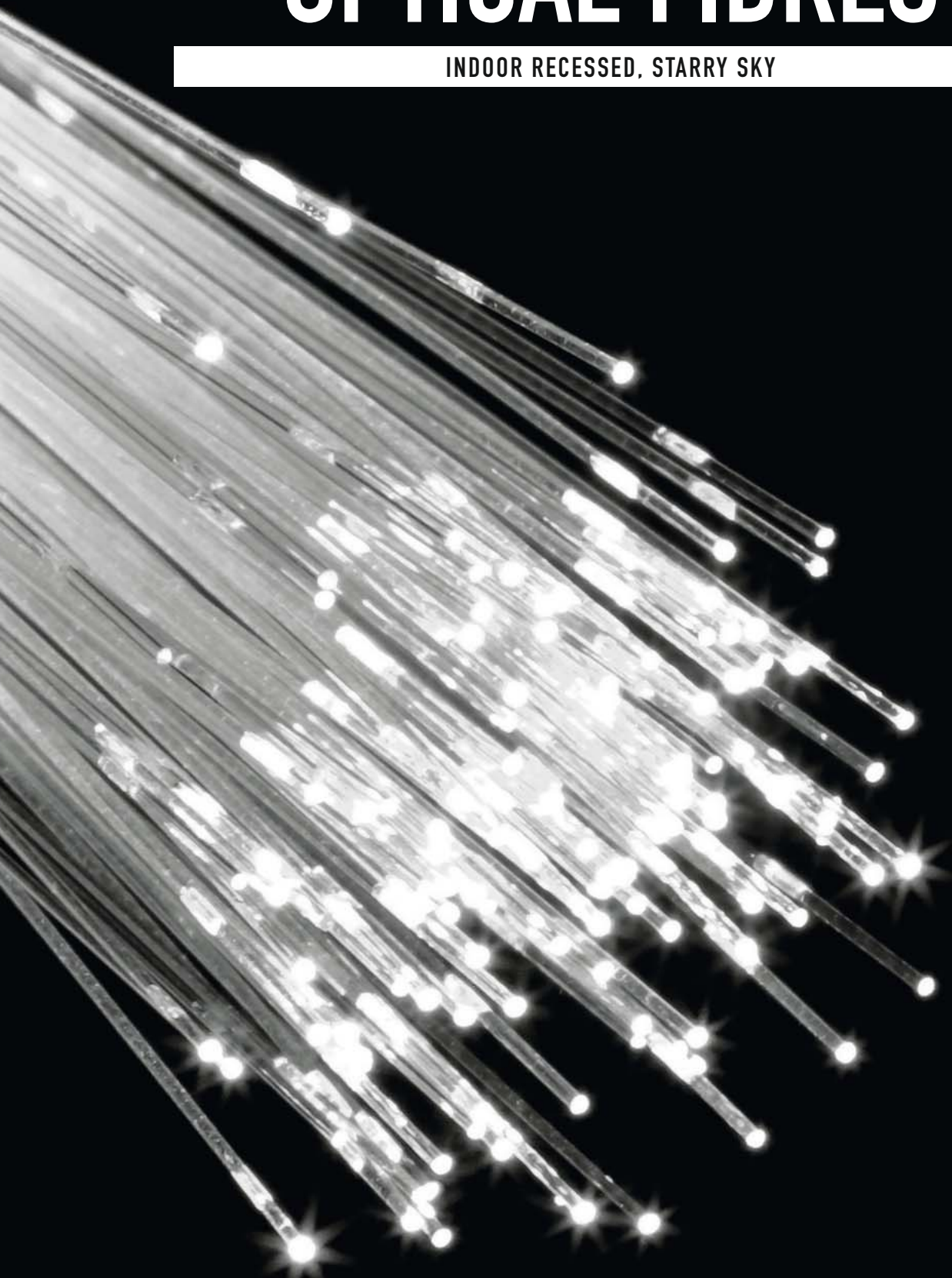
includes 0.30 m cable

recessed (ceiling)

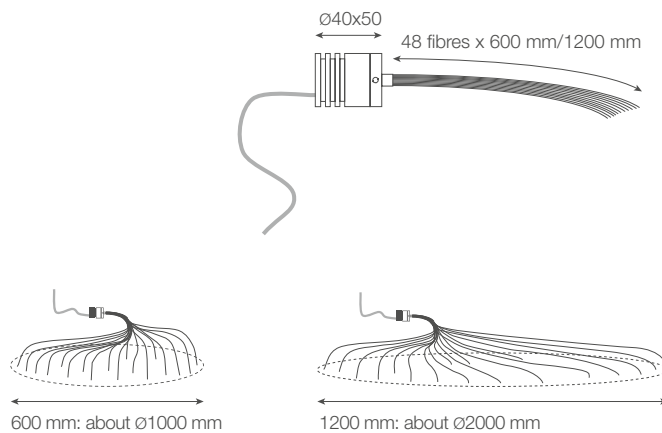
see p. 757

LED OPTICAL FIBRES

INDOOR RECESSED, STARRY SKY



LED OPTICAL FIBRES



kg 0.29 IP44

A A+ A++



POWER / POWER SUPPLY CODE

max 3W max 700mA blue/white light 600 mm
FB1013 06EA

max 3W max 700mA blue/white light 1200 mm
FB1013 12EA

max 3W max 350mA RGB light 600 mm
FB1011 6 06A

max 3W max 350mA RGB light 1200 mm
FB1011 6 12A

LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue
OPTICS	points of light
LUMEN OUTPUT AT SOURCE	186 lm (3000K, 700mA) RGB: 56 lm, R: 21 lm G: 26 lm B: 9 lm (350mA)
DELIVERED LUMEN OUTPUT	107 lm (3000K, 700mA) RGB: 40 lm, R: 15 lm G: 19 lm B: 6 lm (350mA)
NO. AND TYPE OF LED	1 power LED, 1/4 ANSI BIN (white LED colour) RGB: 1 full-colour LED 50000h L90 B10 (Ta 25°C)
MATERIAL	anodized aluminium, optical fibres
POWER SUPPLY UNIT	not included, see p. 544 and 844
POWER CABLES	includes 1.5 m PVC cable FROR 2x0.50 Ø5.0 mm RGB: includes 1.5 m PVC cable FROR 6x0.25 Ø4.6 mm
WIRING	series
MOUNTING	recessed (ceiling, wall)
ACCESSORIES	see p. 544
NOTES	available on request with optical fibres in non-standard lengths

LED OPTICAL FIBRES

ACCESSORIES AND POWER SUPPLY UNITS

POWER CABLES

PVC cable
FROR 2x0.50 Ø5.0 mm
your choice of length

WF0100

white LED colour

PVC cable
FROR 6x0.25 Ø4.6 mm
your choice of length

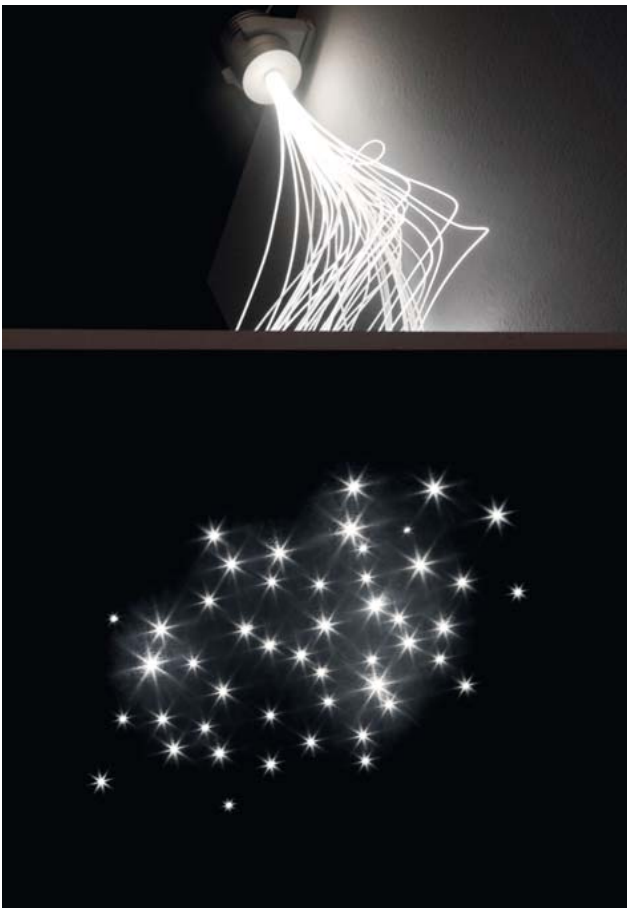
WF0210

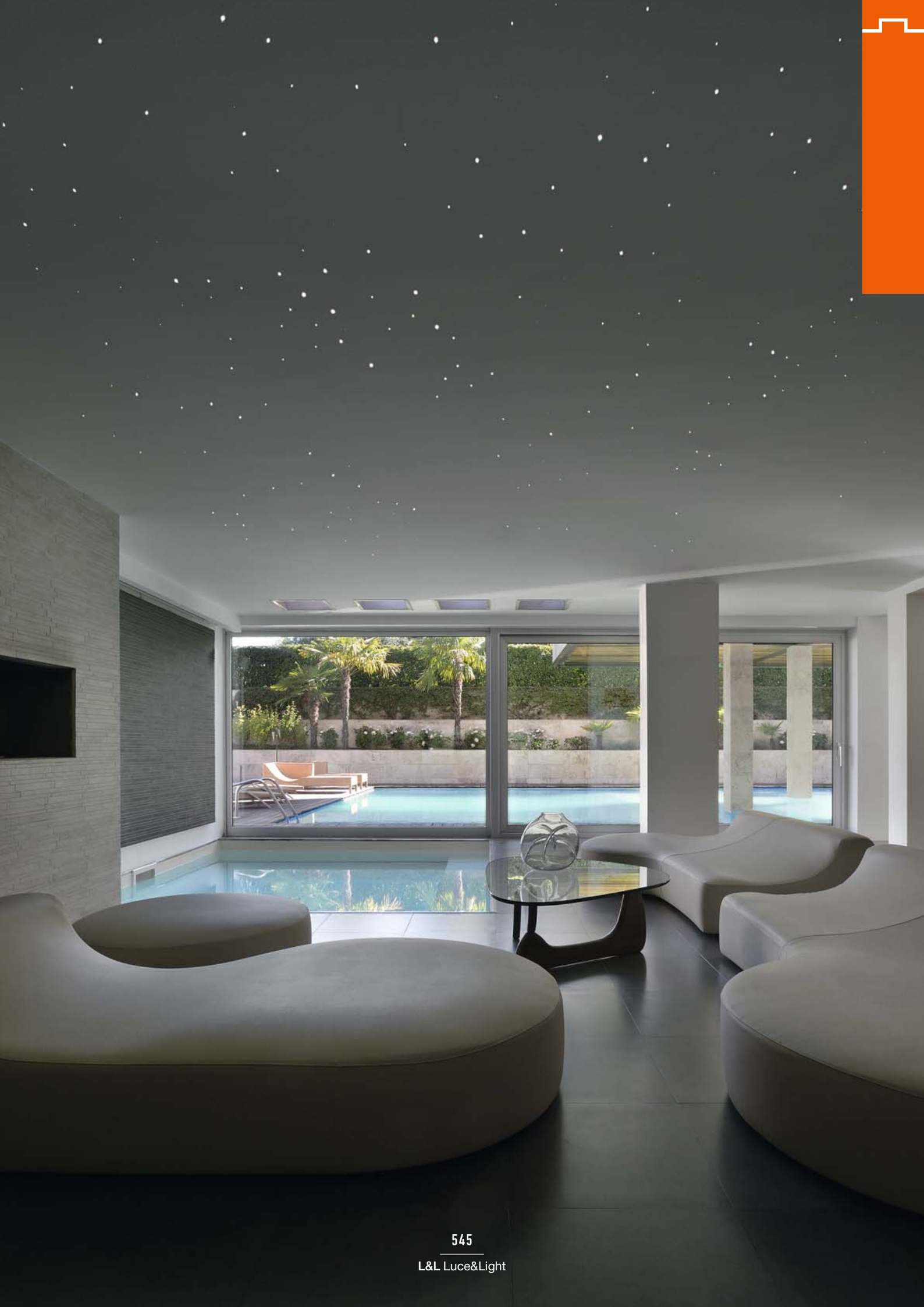
RGB

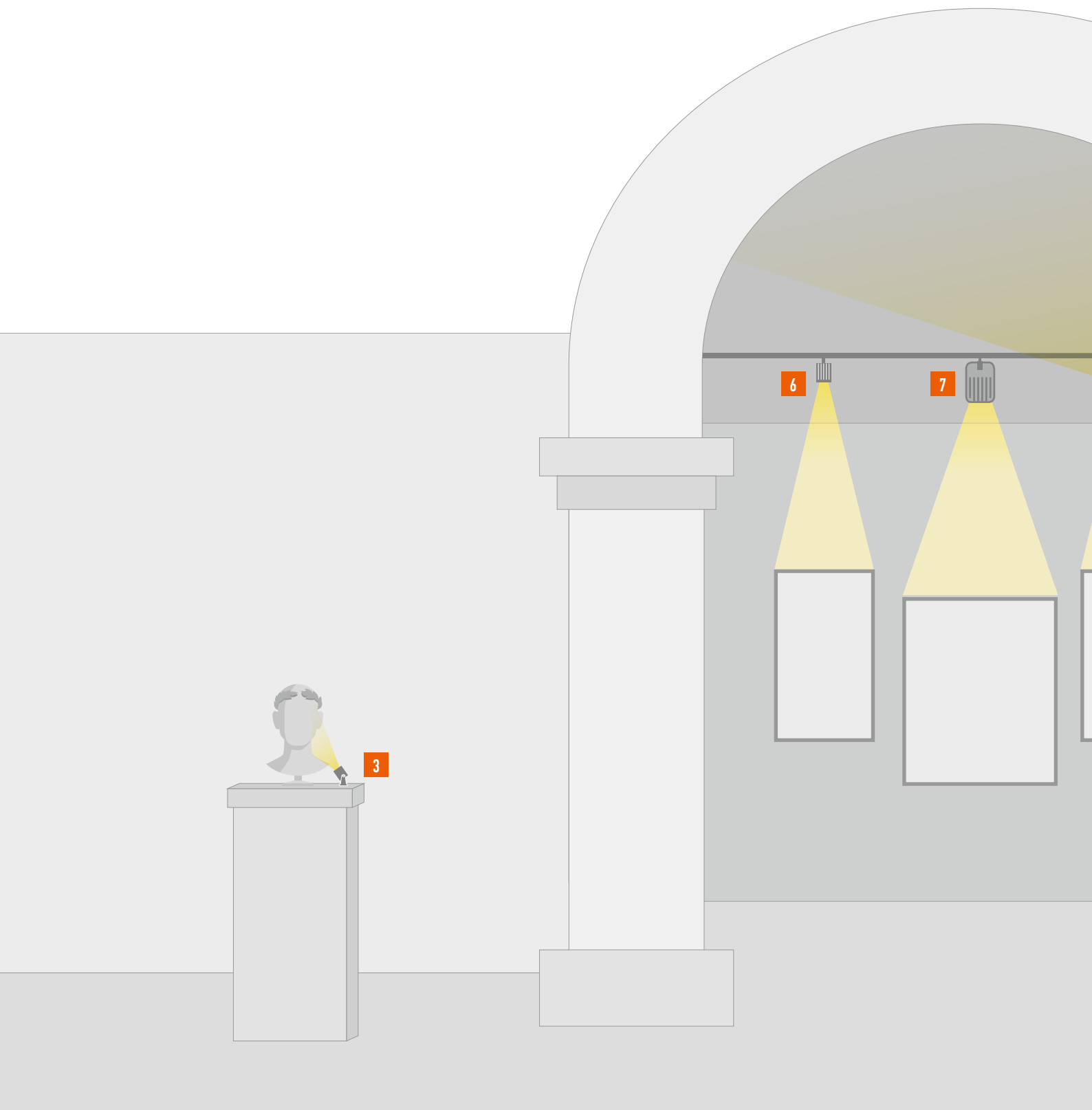
order together with
the lighting fixture

POWER SUPPLY UNITS

Max no. fixtures	PSU	IP	Page
1/3	A13700QL	20	845
1/7	ACUNI020T1	20	844 845
1/12 dimmer	ADUNITC	20	848 849 850
-	RGB controller	-	855 - 860







1 DUOMO p. 550

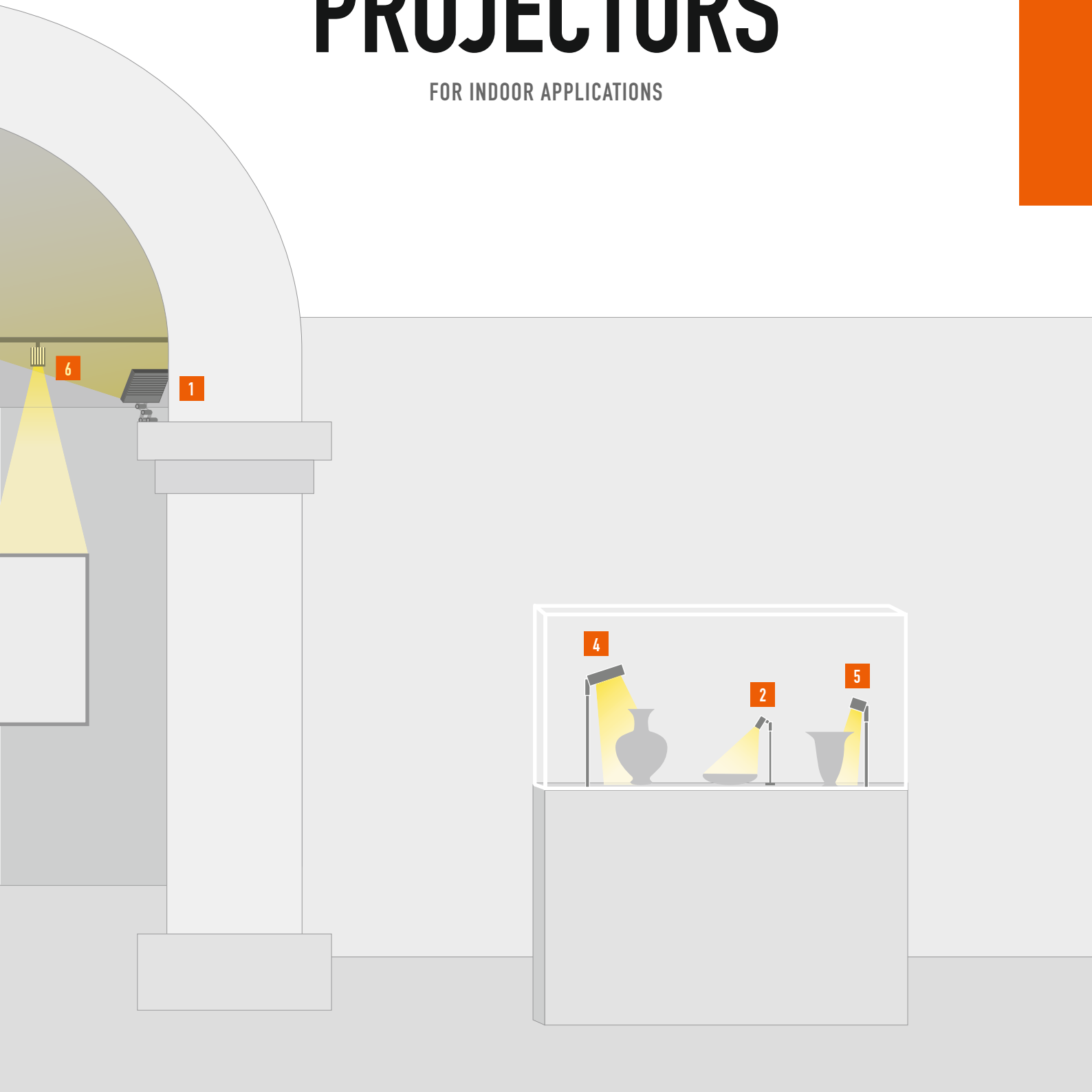
2 KRILL p. 558

3 GEM p. 570

4 CITY p. 574

PROJECTORS

FOR INDOOR APPLICATIONS



5 WALL 7 p. 576

6 ZAB TRACK p. 580

7 SIRI TRACK p. 590



DUOMO
see p. 550



KRILL
see p. 558

APPLICATION		historic buildings	museums, retail
BEAM	FIXED FOCUS	•	•
	ZOOM LENS		•
LIGHT COLOUR		 2700K 3000K 4000K	 2700K 3000K 4000K
POWER		10–56W	max 1–max 4.5W
DELIVERED LUMEN OUTPUT (3000K)		714–4284 lm	51–253 lm
ADJUSTABILITY			
POWER SUPPLY	CONSTANT CURRENT power supply unit not included		max 350mA max 700mA
	MAINS VOLTAGE built-in power supply unit	230Vac	
IP		IP54	IP40
APPLIANCE CLASS			
INSTALLATION		arcades, naves	shop windows, display cabinets
UNIQUE SELLING POINTS			



GEM
see p. 570

museums, retail,
residential



max 2W

95 lm



max 500mA

IP40



shop
windows



CITY
see p. 574

museums, retail,
residential



max 3W

221 lm



max 350mA

IP20

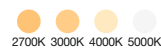


shop
window



WALL 7
see p. 576

museums, retail,
residential



max 2W

103 lm



max 500mA

IP20



shop
windows



ZAB TRACK
see p. 580

museums,
retail



23–36W

1302–2310 lm



230Vac

IP40



track

CRI 98, R9 > 98
high visual comfort:
Soft Start and Flicker Free



SIRI TRACK
see p. 590

museums,
retail



16W

1010 lm



230Vac

IP40



track

on-board
manual dimmer



550

L&L Luce&Light



DUOMO

INDOOR PROJECTORS
ARCHITECTURAL LIGHTING FOR NAVES AND ARCADES



narrow medium wide ultra-wide elliptical



2700K 3000K 4000K



DUOMO 1.0 p. 554
10W 230Vac
ON/OFF



DUOMO 2.0 p. 554
19W 230Vac
ON/OFF



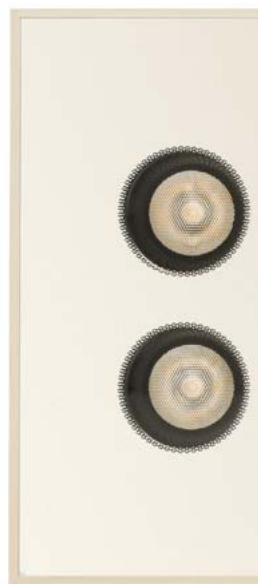
DUOMO 3.0 p. 555
28W 230Vac
ON/OFF
DALI



DUOMO 4.0 p. 555
56W 230Vac
ON/OFF
DALI

DUOMO'S ADJUSTABLE BRACKET
MEANS THE FIXTURE CAN BE
CANTILEVERED FROM CORNICES OR
OTHER ARCHITECTURAL ELEMENTS

ANTI-GLARE
RECESSED OPTICS



ANTIQUÉ WHITE FINISH
TO VISUALLY INTEGRATE
THE LIGHTING FIXTURE
INTO HISTORIC BUILDINGS





DUOMO

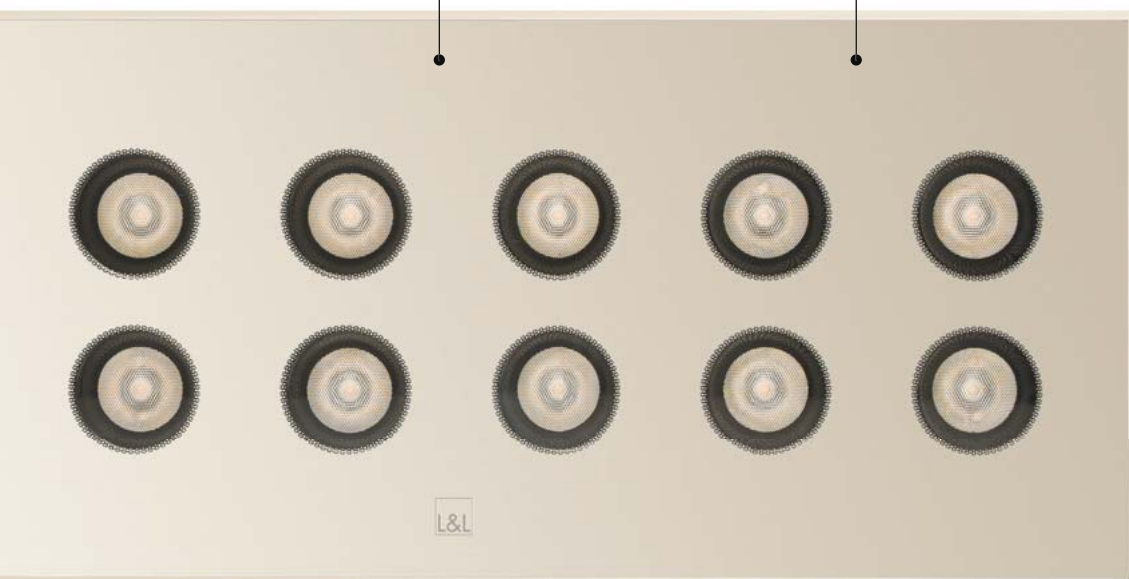
UNIQUE SELLING POINTS

BUILT-IN
PROTECTION
SYSTEMS:



PID
PROTECTIVE
IMPEDANCE
DEVICE

DIMMING WITH DALI, 1-10V
OR PUSH, OR WITH BLUETOOTH
CONTROL, ON REQUEST

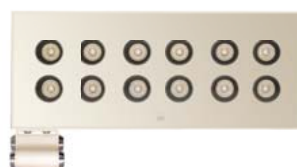
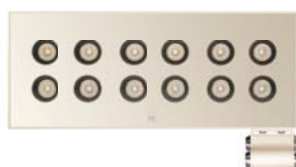


IK06

SERIGRAPHED, TEMPERED
EXTRA-CLEAR GLASS

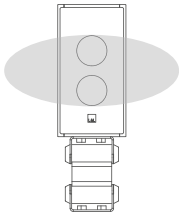
IP54

SUITABLE FOR INSTALLATION IN
CLOISTERS AND COLLONADES



THE BRACKET CAN SLIDE
ALONG THE ENTIRE LENGTH
OF THE HEAD, ALLOWING THE
PROJECTOR TO BE INSTALLED
AND ANGLED IN TIGHT SPACES

DUOMO



18°x44° optics



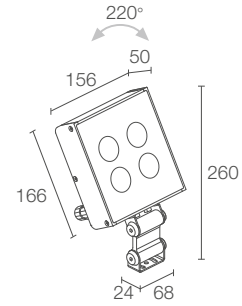
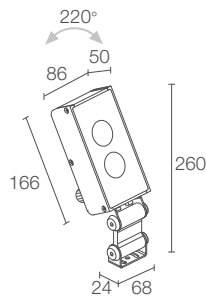
DUOMO 1.0



DUOMO 2.0



44°x18° optics



POWER / POWER SUPPLY CODE

10W 230Vac ON/OFF
DU1010 00 0 0 6 Antique white
DU1010 00 0 0 E White
DU1010 00 0 0 H Anthracite

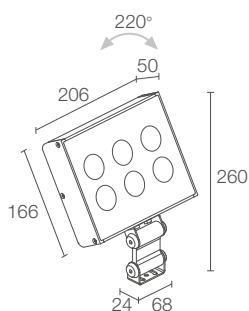
19W 230Vac ON/OFF
DU2010 00 0 0 6 Antique white
DU2010 00 0 0 E White
DU2010 00 0 0 H Anthracite

CRI	0 - CRI 80 1 - CRI >90
HONEYCOMB LOUVRE	0 - not present 1 - present (not compatible with the 10° optics)
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	T - 10° J - 43° S - 14° K - 63° M - 30° W - 18°x44° L - 35° X - 44°x18°
LUMEN OUTPUT AT SOURCE	880 lm (3000K, CRI 80)
DELIVERED LUMEN OUTPUT	714 lm (3000K, 30°, CRI 80)
NO. AND TYPE OF LED	2 high intensity power LEDs 3-step MacAdam, 50000h L90 B10 (Ta 25°C)
MATERIAL	body and bracket in Anticorodal® aluminium screen in serigraphed, tempered, extra-clear glass
POWER SUPPLY UNIT	built in
MOUNTING	surface mounted (ceiling, wall, floor)
ACCESSORIES	see p. 556
FEATURES	electrical wiring simplified by the ability to connect the electrical cables directly to the connector
NOTES	available on request with adapter for Eurostandard track and in DALI, 1-10V or PUSH version, or with Bluetooth control
PHOTOMETRIC DATA	see p. 754

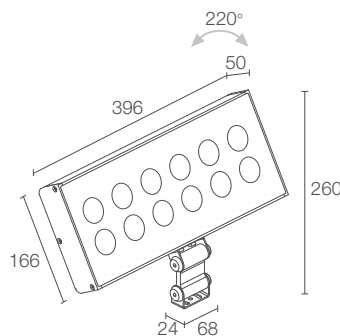
CRI	0 - CRI 80 1 - CRI >90
HONEYCOMB LOUVRE	0 - not present 1 - present (not compatible with 10° optics)
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	T - 10° J - 43° S - 14° K - 63° M - 30° W - 18°x44° L - 35° X - 44°x18°
LUMEN OUTPUT AT SOURCE	1760 lm (3000K, CRI 80)
DELIVERED LUMEN OUTPUT	1428 lm (3000K, 30°, CRI 80)
NO. AND TYPE OF LED	4 high intensity power LEDs 3-step MacAdam, 50000h L90 B10 (Ta 25°C)
MATERIAL	body and bracket in Anticorodal® aluminium screen in serigraphed, tempered, extra-clear glass
POWER SUPPLY UNIT	built in
MOUNTING	surface mounted (ceiling, wall, floor)
ACCESSORIES	see p. 556
FEATURES	electrical wiring simplified by the ability to connect the electrical cables directly to the connector
NOTES	available on request with adapter for Eurostandard track and in DALI, 1-10V or PUSH version, or with Bluetooth control
PHOTOMETRIC DATA	see p. 754 and 755



DUOMO 3.0



DUOMO 4.0



28W 230Vac ON/OFF

- DU3010** 00 0 0 6 Antique white
- DU3010** 00 0 0 E White
- DU3010** 00 0 0 H Anthracite

28W 230Vac DALI

- DU3010** D0 0 0 6 Antique white
- DU3010** D0 0 0 E White
- DU3010** D0 0 0 H Anthracite

56W 230Vac ON/OFF

- DU4010** 00 0 0 6 Antique white
- DU4010** 00 0 0 E White
- DU4010** 00 0 0 H Anthracite

56W 230Vac DALI

- DU4010** D0 0 0 6 Antique white
- DU4010** D0 0 0 E White
- DU4010** D0 0 0 H Anthracite

0 - CRI 80 1 - CRI >90	
0 - not present 1 - present (not compatible with 10° optics)	
F - 2700K 5 - 3000K 9 - 4000K	
T - 10° S - 14° M - 30° L - 35°	J - 43° K - 63° W - 18°x44° X - 44°x18°
2640 lm (3000K, CRI 80)	
2142 lm (3000K, 30°, CRI 80)	
6 high intensity power LEDs 3-step MacAdam, 50000h L90 B10 (Ta 25°C)	
body and bracket in Anticorodal® aluminium screen in serigraphed, tempered, extra-clear glass	
built in	
surface mounted (ceiling, wall, floor)	
see p. 556	
electrical wiring simplified by the ability to connect the electrical cables directly to the connector	
available on request with adapter for Eurostandard track and in 1-10V or PUSH version, or with Bluetooth control	
see p. 755	

0 - CRI 80 1 - CRI >90	
0 - not present 1 - present (not compatible with 10° optics)	
F - 2700K 5 - 3000K 9 - 4000K	
T - 10° S - 14° M - 30° L - 35°	J - 43° K - 63° W - 18°x44° X - 44°x18°
5280 lm (3000K, CRI 80)	
4284 lm (3000K, 30°, CRI 80)	
12 high intensity power LEDs 3-step MacAdam, 50000h L90 B10 (Ta 25°C)	
body and bracket in Anticorodal® aluminium screen in serigraphed, tempered, extra-clear glass	
built in	
surface mounted (ceiling, wall, floor)	
see p. 556	
electrical wiring simplified by the ability to connect the electrical cables directly to the connector	
available on request with adapter for Eurostandard track and in 1-10V or PUSH version, or with Bluetooth control	
see p. 756	

DUOMO

ACCESSORIES

ACCESSORIES



WF0316

3-pin female connector
for in/out connection
(on/off version)
(Duomo 2.0 / 3.0 / 4.0)

WF0317

5-pin female connector
for in/out connection
(DALI version)
(Duomo 3.0 / 4.0)



WMA006 - Antique white

WMA00E - White

WMA00H - Anthracite

Adjustable bracket

Easy to wire because electrical
cables can be connected
directly to the connector

In/out connection possible









KRILL

INDOOR PROJECTORS
DISPLAY LIGHTING FOR MUSEUMS AND RETAIL SETTINGS

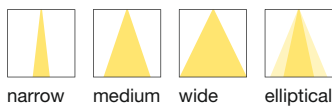


2700K 3000K 4000K

Ø18 mm

Ø25 mm

Ø30 mm



narrow medium wide elliptical



KRILL 1.0 p. 564
max 1W max 350mA



KRILL 2.0 p. 565
max 2.5W max 700mA



KRILL 3.0 p. 566
max 4.5W max 350mA



zoom lens



KRILL 1.4 p. 564
max 1W max 350mA



KRILL 2.4 p. 565
max 2.5W max 700mA



KRILL 3.4 p. 566
max 4.5W max 350mA

< **KRILL 1.0**
3000K, 1W, 40°±26°, antique bronze
KRILL 3.4
3000K, 4.5W, optical range 18°-80°,
antique bronze, with rigid arm

Family of compact projectors with a minimalist design.
Two features that make Krill the perfect solution
for lighting inside shop windows and
display cabinets in the retail and museum sectors.



RAL FINISH
ON REQUEST

KRILL IS AVAILABLE
WITH EITHER FIXED OPTICS
OR A ZOOM LENS WITH WHICH
THE ANGLE OF THE LIGHT
BEAM CAN BE ADJUSTED AND
ADAPTED AS THE OBJECTS
DISPLAYED CHANGE



THE ARM'S DOUBLE
JOINT MEANS KRILL
CAN BE ADJUSTED
BY UP TO 180°





KRILL

UNIQUE SELLING POINTS



ROSE GOLD



ANTIQUÉ BRONZE



WHITE



BLACK

CRI >90

THE ENTIRE KRILL RANGE USES
LED LIGHT SOURCES WITH A
HIGH COLOUR RENDERING INDEX







KRILL

BUILD THE VERSION YOU WANT IN THREE STEPS

1

CHOOSE THE BODY



KRILL 1.0
FIXED FOCUS



KRILL 1.4
ZOOM LENS



KRILL 2.0
FIXED FOCUS



KRILL 2.4
ZOOM LENS



KRILL 3.0
FIXED FOCUS



KRILL 3.4
ZOOM LENS

2

CHOOSE THE REQUIRED INSTALLATION ACCESSORY

every accessory is compatible with all Krill products



FIXING BASE



CEILING ROSE



MAGNETIC PLATE



FIXING SPRING



NIPPLE COUPLER

3

COMPLETE YOUR CHOICE WITH OPTIONAL ACCESSORIES



SNOOT
only compatible with
Krill 2.0 and Krill 3.0



HONEYCOMB LOUVRE
only compatible with
Krill 2.0 and Krill 3.0



ARM - 150 mm or 300 mm
only compatible with
fixing base and nipple coupler

< KRILL HAS A WIDE RANGE OF ACCESSORIES
TO ENABLE IT TO EASILY REACH
THE DETAILS TO BE EMPHASISED

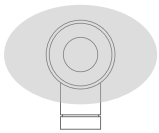
KRILL 1



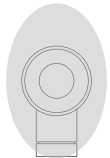
KRILL 1.0



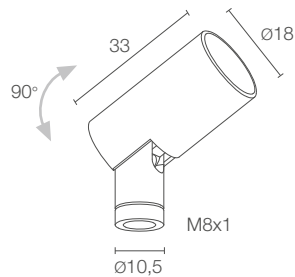
KRILL 1.4



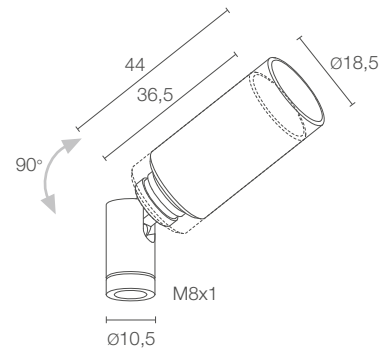
26°x40° optics
(Krill 1.0)



40°x26° optics
(Krill 1.0)



Required installation accessories, not included



Required installation accessories, not included



POWER / POWER SUPPLY CODE	max 1W max 350mA KI10201000 0 E White KI10201000 0 N Black KI10201000 0 Y Rose gold KI10201000 0 Z Antique bronze
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	M - 23° L - 36° J - 48° W - 26°x40° X - 40°x26°
LUMEN OUTPUT AT SOURCE	105 lm (3000K, 350mA)
DELIVERED LUMEN OUTPUT	51 lm (3000K, 350mA, 36°)
NO. AND TYPE OF LED	1 power LED 3-step MacAdam, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in anticorodal aluminium joint in brass
POWER SUPPLY UNIT	not included, see p. 569 and 844
POWER CABLES	includes 1.5 m PVC cable HT105° 2x0.20 Ø3.0 mm
WIRING	series
MOUNTING	surface mounted (shop windows, display cabinets)
ACCESSORIES	see p. 568
FEATURES	CRI >90
PHOTOMETRIC DATA	see p. 777

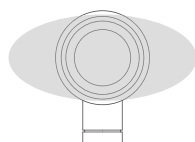
	max 1W max 350mA KI14201000 R1 E White KI14201000 R1 N Black KI14201000 R1 Y Rose gold KI14201000 R1 Z Antique bronze
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
	optical range 22°-64°
	105 lm (3000K, 350mA)
	60 lm (3000K, 350mA, 64°)
	1 power LED 3-step MacAdam, 50000h L90 B10 (Ta 25°C)
	body in anticorodal aluminium joint in brass
	not included, see p. 569 and 844
	includes 1.5 m PVC cable HT105° 2x0.20 Ø3.0 mm
	series
	surface mounted (shop windows, display cabinets)
	see p. 568
	CRI >90
	see p. 777



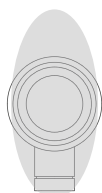
KRILL 2



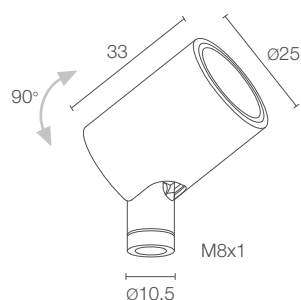
KRILL 2.0



23°x50° optics
(Krill 2.0)



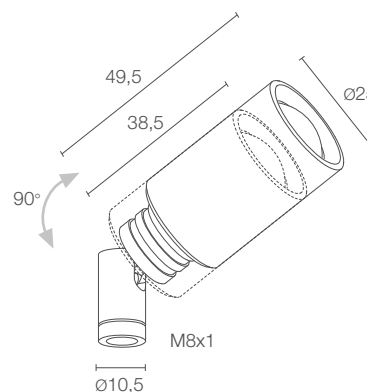
50°x23° optics
(Krill 2.0)



Required installation accessories, not included



KRILL 2.4



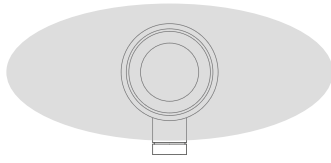
Required installation accessories, not included



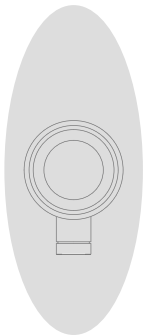
POWER / POWER SUPPLY CODE	max 2.5W max 700mA KI20201000 0 E White KI20201000 0 N Black KI20201000 0 Y Rose gold KI20201000 0 Z Antique bronze
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	S - 17° M - 25° L - 33° W - 23°x50° X - 50°x23°
LUMEN OUTPUT AT SOURCE	202 lm (3000K, 700mA)
DELIVERED LUMEN OUTPUT	150 lm (3000K, 700mA, 17°)
NO. AND TYPE OF LED	1 power LED 1/4 ANSI BIN, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in anticorodal aluminium joint in brass
POWER SUPPLY UNIT	not included, see p. 569 and 844
POWER CABLES	includes 1.5 m PVC cable HT105° 2x0.20 Ø3.0 mm
WIRING	series
MOUNTING	surface mounted (shop windows, display cabinets)
ACCESSORIES	see p. 568
FEATURES	CRI >90
PHOTOMETRIC DATA	see p. 777 and 778

	max 2.5W max 700mA KI24201000 R1 E White KI24201000 R1 N Black KI24201000 R1 Y Rose gold KI24201000 R1 Z Antique bronze
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
	optical range 9°-70°
	202 lm (3000K, 700mA)
	176 lm (3000K, 700mA, 70°)
	1 power LED 1/4 ANSI BIN, 50000h L90 B10 (Ta 25°C)
	body in anticorodal aluminium joint in brass
	not included, see p. 569 and 844
	includes 1.5 m PVC cable HT105° 2x0.20 Ø3.0 mm
	series
	surface mounted (shop windows, display cabinets)
	see p. 568
	CRI >90
	see p. 778

KRILL 3



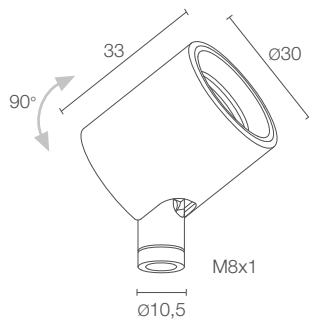
21°x50° optics
(Krill 3.0)



50°x21° optics
(Krill 3.0)



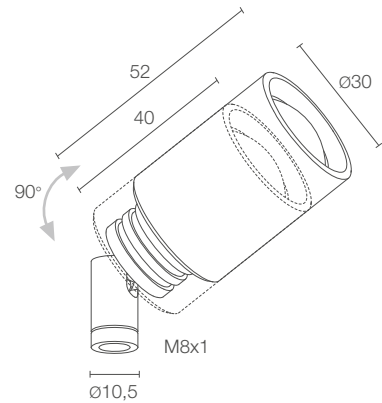
KRILL 3.0



Required installation accessories, not included



KRILL 3.4



Required installation accessories, not included



POWER / POWER SUPPLY CODE	max 4.5W max 350mA KI30201000 0 E White KI30201000 0 N Black KI30201000 0 Y Rose gold KI30201000 0 Z Antique bronze
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	S - 16° M - 23° L - 33° K - 42° W - 21°x50° X - 50°x21°
LUMEN OUTPUT AT SOURCE	452 lm (3000K, 350mA)
DELIVERED LUMEN OUTPUT	281 lm (3000K, 350mA, 23°)
NO. AND TYPE OF LED	1 high intensity power LED 3-step MacAdam, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in anticorodal aluminium joint in brass
POWER SUPPLY UNIT	not included, see p. 569 and 844
POWER CABLES	includes 1.5 m PVC cable HT105° 2x0.20 Ø3.0 mm
WIRING	series
MOUNTING	surface mounted (shop windows, display cabinets)
ACCESSORIES	see p. 568
FEATURES	CRI >90
PHOTOMETRIC DATA	see p. 778

	max 4.5W max 350mA KI34201000 R1 E White KI34201000 R1 N Black KI34201000 R1 Y Rose gold KI34201000 R1 Z Antique bronze
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
	optical range 18°-80°
LUMEN OUTPUT AT SOURCE	452 lm (3000K, 350mA)
DELIVERED LUMEN OUTPUT	253 lm (3000K, 350mA, 80°)
NO. AND TYPE OF LED	1 high intensity power LED 3-step MacAdam, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in anticorodal aluminium joint in brass
POWER SUPPLY UNIT	not included, see p. 569 and 844
POWER CABLES	includes 1.5 m PVC cable HT105° 2x0.20 Ø3.0 mm
WIRING	series
MOUNTING	surface mounted (shop windows, display cabinets)
ACCESSORIES	see p. 568
FEATURES	CRI >90
PHOTOMETRIC DATA	see p. 778



567

L&L Luce&Light

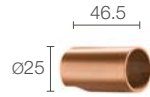
KRILL

ACCESSORIES AND POWER SUPPLY UNITS

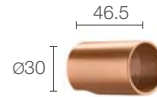
ANTI-GLARE ACCESSORIES



WHKI20A0 (Krill 2.0)
WHKI30A0 (Krill 3.0)
 Honeycomb louvre



WBA00E - White
WBA00N - Black
WBA00Y - Rose gold
WBA00Z - Antique bronze
 Standard snout
 (Krill 2.0)



WBA01E - White
WBA01N - Black
WBA01Y - Rose gold
WBA01Z - Antique bronze
 Standard snout
 (Krill 3.0)

ACCESSORIES FOR INSTALLATION



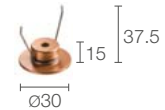
WDA00E - White
WDA00N - Black
WDA00Y - Rose gold
WDA00Z - Antique bronze
 Fixing base



WDA03E - White
WDA03N - Black
WDA03Y - Rose gold
WDA03Z - Antique bronze
 Ceiling rose



WDA04E - White
WDA04N - Black
WDA04Y - Rose gold
WDA04Z - Antique bronze
 Magnetic plate



WGA08E - White
WGA08N - Black
WGA08Y - Rose gold
WGA08Z - Antique bronze
 Fixing spring



h 150 mm
WDA01E - White
WDA01N - Black
WDA01Y - Rose gold
WDA01Z - Antique bronze

h 300 mm
WDA02E - White
WDA02N - Black
WDA02Y - Rose gold
WDA02Z - Antique bronze

Rigid arm
 order together with the fixing
 base or the nipple



WGA01
 Nipple coupler

Required installation accessories, not included



POWER CABLES

PVC cable
HT105° 2x0.20 Ø3.0 mm
your choice of length

WF0600

order together with the lighting fixture

POWER SUPPLY UNITS Krill 1.0 / 1.4**350mA**

Max no. fixtures	PSU	IP	Page
1/3	A13350VL	20	845
1/15	ACUNI020T1	20	844 845
3/9	A19350QL	20	845
5/12	A312350QL	20	845
1/12 dimmer	ADUNITC	20	848 849 850

POWER SUPPLY UNITS Krill 2.0 / 2.4**700mA**

Max no. fixtures	PSU	IP	Page
1/3	A13700QL	20	845
1/7 dimmer	ADUNITC	20	848 849 850
1/7	ACUNI020T1	20	844 845
1/3	A13700IP67	67	845
1/9	A39700IP67	67	845

POWER SUPPLY UNITS Krill 3.0 / 3.4**350mA**

Max no. fixtures	PSU	IP	Page
1	A13350VL	20	845
1/4	ACUNI020T1	20	844 845
1/3	A19350QL	20	845
1/3	A312350QL	67	845
1/4	ADUNITC	67	848 849 850

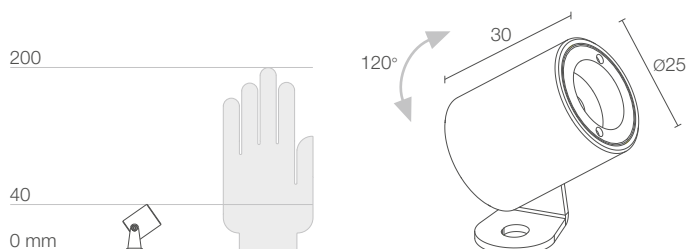


GEM

INDOOR PROJECTOR, SHOWCASES IN MUSEUMS, PRIVATE HOMES AND RETAIL SETTINGS



GEM 1.0



POWER / POWER SUPPLY CODE	max 2W max 500mA GE1012 ■ B White GE1012 ■ C Chrome GE1012 ■ P Pearl chrome GE1012 ■ N Black
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue
OPTICS	S - 10° M - 20° L - 40°
LUMEN OUTPUT AT SOURCE	145 lm (3000K, 500mA)
DELIVERED LUMEN OUTPUT	95 lm (3000K, 500mA, 20°)
NO. AND TYPE OF LED	1 power LED 1/4 ANSI BIN (white LED colour) 50000h L90 B10 (Ta 25°C)
MATERIAL	body in aluminium
POWER SUPPLY UNIT	not included, see p. 572 and 844
POWER CABLES	includes 1.5 m PVC cable HT105° 2x0.20 Ø3.0 mm
WIRING	series
MOUNTING	surface mounted (ceiling, wall, floor, shop windows)
ACCESSORIES	see p. 572
NOTES	IP44 version available on request
PHOTOMETRIC DATA	see p. 765



White



Chrome



Pearl chrome



Black

GEM

ACCESSORIES AND POWER SUPPLY UNITS

POWER CABLES

PVC cable
HT105° 2x0.20 Ø3.0 mm
your choice of length

WF0600

order together with the lighting fixture

POWER SUPPLY UNITS

350mA

Max no. fixtures	PSU	IP	Page
1/3	A13350VL	20	845
1/15	ACUNI020T1	20	844 845
3/9	A19350QL	20	845
5/12	A312350QL	20	845
1/12 dimmer	ADUNITC	20	848 849 850

500mA

Max no. fixtures	PSU	IP	Page
1/3	A13500TC	20	845
1/10	ACUNI020T1	20	844 845
2/5	A15500QL	20	845
5/10	A310500QL	20	845
1/12 dimmer	ADUNITC	20	848 849 850

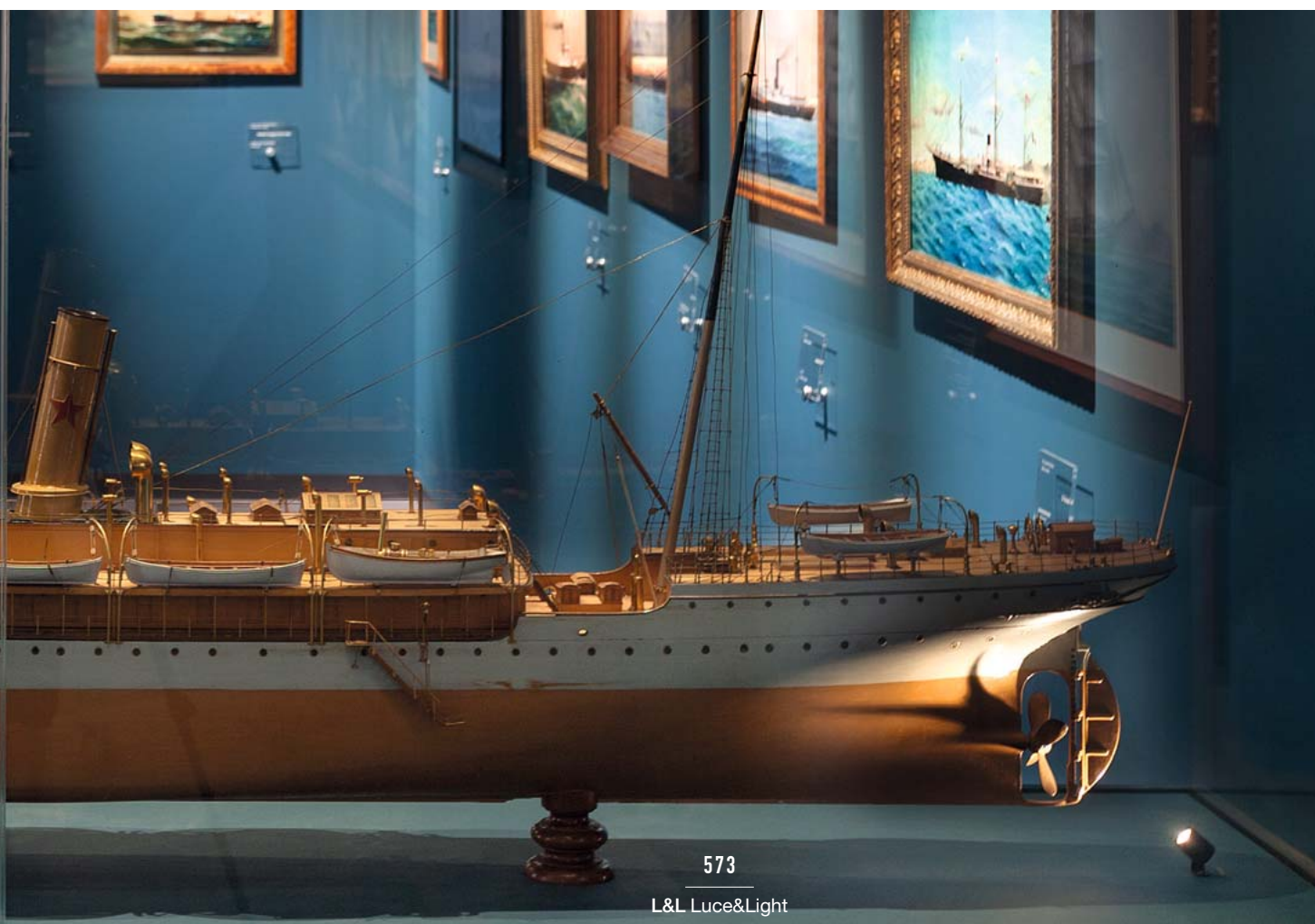




∨
GEM 1.0

3000K, 2W, 40°, black

Project by / Studio ARCHH Lorenzo Agnese, Giovanni Guerrieri
Photo by / Alessio Tamborini
The Coeclerici Gallery, Galata Maritime Museum, Genoa, Italy



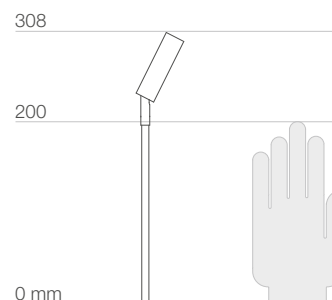
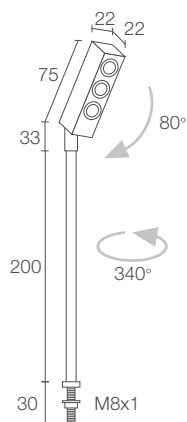
CITY

INDOOR PROJECTOR, SHOWCASES IN MUSEUMS, PRIVATE HOMES AND RETAIL SETTINGS





CITY 1.0



Rigid pole:
Ø8 mm - 200 mm



POWER / POWER SUPPLY CODE	max 3W max 350mA CY103120 ■ C Chrome CY103120 ■ S Satin																								
LED COLOUR	5 - 3000K 9 - 4000K 0 - 5000K																								
OPTICS	S - 10° M - 25° L - 40°																								
LUMEN OUTPUT AT SOURCE	331 lm (3000K, 350mA)																								
DELIVERED LUMEN OUTPUT	221 lm (3000K, 350mA, 25°)																								
NO. AND TYPE OF LED	3 power LEDs 1/4 ANSI BIN, 50000h L90 B10 (Ta 25°C)																								
MATERIAL	body in aluminium, pole in brass																								
POWER SUPPLY UNIT	not included																								
	<table border="1"> <thead> <tr> <th>Max no. fixtures</th> <th>PSU</th> <th>IP</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>A13350VL</td> <td>20</td> <td>845</td> </tr> <tr> <td>1/3</td> <td>A19350QL</td> <td>20</td> <td>845</td> </tr> <tr> <td>1/5</td> <td>ACUNI020T1</td> <td>20</td> <td>844 845</td> </tr> <tr> <td>2/4</td> <td>A312350QL</td> <td>20</td> <td>845</td> </tr> <tr> <td>1/4 dimmer</td> <td>ADUNITC</td> <td>20</td> <td>848 849 850</td> </tr> </tbody> </table>	Max no. fixtures	PSU	IP	Page	1	A13350VL	20	845	1/3	A19350QL	20	845	1/5	ACUNI020T1	20	844 845	2/4	A312350QL	20	845	1/4 dimmer	ADUNITC	20	848 849 850
Max no. fixtures	PSU	IP	Page																						
1	A13350VL	20	845																						
1/3	A19350QL	20	845																						
1/5	ACUNI020T1	20	844 845																						
2/4	A312350QL	20	845																						
1/4 dimmer	ADUNITC	20	848 849 850																						
POWER CABLES	includes 0.50 m PVC cable FROR 2x0.35 Ø3.5 mm																								
WIRING	series																								
MOUNTING	surface mounted (shop windows)																								
ACCESSORIES	WF0110 PVC cable FROR 2x0.35 Ø3.5 mm your choice of length (order together with the lighting fixture)																								
NOTES	available on request with non-standard pole height																								
PHOTOMETRIC DATA	see p. 744																								

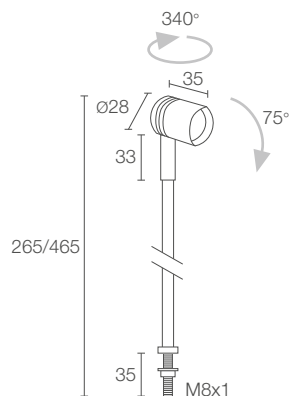
WALL

INDOOR PROJECTORS, SHOWCASES IN MUSEUMS, PRIVATE HOMES AND RETAIL SETTINGS





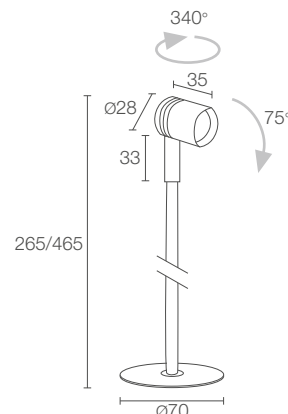
WALL 7.0



Rigid pole:
ø8 mm - 00/200/400 mm



WALL 7.1



Rigid pole:
ø8 mm - 00/200/400 mm



POWER / POWER SUPPLY CODE

max 2W max 500mA just the head
PL701200 ■ C Chrome
PL701200 ■ S Satin

max 2W max 500mA h 200 mm
PL701220 ■ C Chrome
PL701220 ■ S Satin

max 2W max 500mA h 400 mm
PL701240 ■ C Chrome
PL701240 ■ S Satin

max 2W max 500mA just the head
PL711200 ■ C Chrome
PL711200 ■ S Satin

max 2W max 500mA h 200 mm
PL711220 ■ C Chrome
PL711220 ■ S Satin

max 2W max 500mA h 400 mm
PL711240 ■ C Chrome
PL711240 ■ S Satin

LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K
OPTICS	S - 10° M - 25° L - 40°
LUMEN OUTPUT AT SOURCE	145 lm (3000K, 500mA)
DELIVERED LUMEN OUTPUT	103 lm (3000K, 500mA, 25°)
NO. AND TYPE OF LED	1 power LED 1/4 ANSI BIN, 50000h L90 B10 (Ta 25°C)
MATERIAL	body and pole in brass screen in tempered, transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 578 and 844
POWER CABLES	includes 0.50 m PVC cable FROR 2x0.35 Ø3.5 mm
WIRING	series
MOUNTING	surface mounted (shelf max 25 mm, shop windows)
ACCESSORIES	see p. 578
NOTES	available on request with non-standard pole height
PHOTOMETRIC DATA	see p. 837

LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K
OPTICS	S - 10° M - 25° L - 40°
LUMEN OUTPUT AT SOURCE	145 lm (3000K, 500mA)
DELIVERED LUMEN OUTPUT	103 lm (3000K, 500mA, 25°)
NO. AND TYPE OF LED	1 power LED 1/4 ANSI BIN, 50000h L90 B10 (Ta 25°C)
MATERIAL	body and pole in brass screen in tempered, transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 578 and 844
POWER CABLES	includes 0.50 m PVC cable FROR 2x0.35 Ø3.5 mm
WIRING	series
MOUNTING	surface mounted (shelf max 25 mm, wall, shop windows)
ACCESSORIES	see p. 578
NOTES	available on request with non-standard pole height
PHOTOMETRIC DATA	see p. 837

WALL

ACCESSORIES AND POWER SUPPLY UNITS

POWER CABLES

PVC cable
FROR 2x0.35 Ø3.5 mm
your choice of length

WF0110

order together with the lighting fixture

POWER SUPPLY UNITS

350mA

Max no. fixtures	PSU	IP	Page
1/3	A13350VL	20	845
1/15	ACUNI020T1	20	844 845
3/9	A19350QL	20	845
5/12	A312350QL	20	845
1/12 dimmer	ADUNITC	20	848 849 850

500mA

Max no. fixtures	PSU	IP	Page
1/2	A13500TC	20	845
1/10	ACUNI020T1	20	844 845
2/5	A15500QL	20	845
5/10	A310500QL	20	845
1/12 dimmer	ADUNITC	20	848 849 850





Small informational label for the left photograph.



Small informational label for the right photograph.



ZAB TRACK

INDOOR PROJECTORS
BRIGHT COLOURS AND VISUAL COMFORT



2700K 3000K 4000K

Ø89 mm

Ø109 mm

FIXED FOCUS



ZAB TRACK 1.0 p. 584
23W 230Vac - CRI 98
COB LED Xicato
Xtm Artist Series®
(2-step MacAdam)



ZAB TRACK 3.0 p. 586
34W 230Vac - CRI 98
COB LED Xicato
Xtm Artist Series®
(2-step MacAdam)



ZAB TRACK 1.1 p. 584
29W 230Vac - CRI 94
COB LED Citizen
(3-step MacAdam)



ZAB TRACK 3.1 p. 586
36W 230Vac - CRI 94
COB LED Citizen
(3-step MacAdam)



narrow medium wide

ZOOM LENS



ZAB TRACK 2.0 p. 585
23W 230Vac - CRI 98
COB LED Xicato
Xtm Artist Series®
(2-step MacAdam)



ZAB TRACK 4.0 p. 587
34W 230Vac - CRI 98
COB LED Xicato
Xtm Artist Series®
(2-step MacAdam)



ZAB TRACK 2.1 p. 585
29W 230Vac - CRI 94
COB LED Citizen
(3-step MacAdam)



ZAB TRACK 4.1 p. 587
36W 230Vac - CRI 94
COB LED Citizen
(3-step MacAdam)

< **ZAB TRACK 2.0**
customized version with 3500K LED colour, 23W, white

Project by / Studio ARCHH
Photo by / Alessio Tamborini
The Coeclerici Gallery, Galata Maritime Museum, Genoa, Italy



RAL FINISH
ON REQUEST



HIGH VISUAL COMFORT: SOFT
START AND FLICKER FREE



ZAB TRACK 1.0 / 2.0 / 3.0 / 4.0
XICATO XTM ARTIST SERIES® LED
HIGH CRI 98 WITH R9 >98
IES TM-30 COLOUR FIDELITY (Rf) 96,
COLOUR GAMUT (Rg) 103

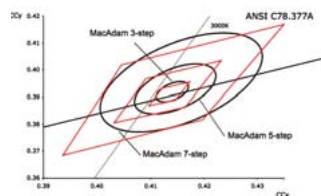


ZAB TRACK

UNIQUE SELLING POINTS



BODY IN ANODIZED ALUMINIUM PRODUCED ENTIRELY ON A CNC LATHE



ZAB TRACK 1.0 / 2.0 / 3.0 / 4.0
REMOTE PHOSPHOR TECHNOLOGY
2-STEP MACADAM: GUARANTEE OF COLOUR BRIGHTNESS CONSISTENCY OVER TIME

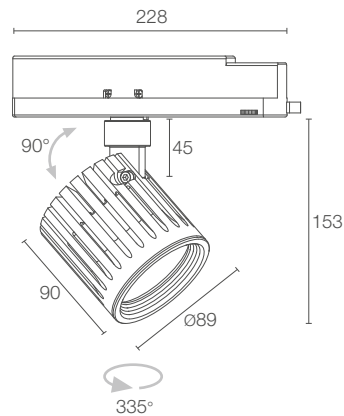


ZAB TRACK 2 / 4
ZOOM LENS SUITABLE FOR SHOWROOMS AND SHOPS TO LIGHT WORKS AND OBJECTS WHOSE SHAPES AND SIZES FREQUENTLY CHANGE

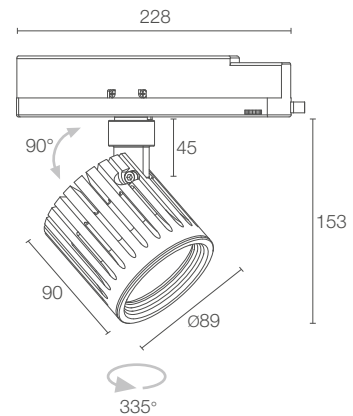
ZAB TRACK 1



ZAB TRACK 1.0



ZAB TRACK 1.1



POWER / POWER SUPPLY CODE	23W 230Vac 1 COB LED Xicato Xtm Artist Series® ZT10101 ■ ■ ■ White ZT10101 ■ ■ ■ N Black
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	S - 20° M - 32° L - 46°
LUMEN OUTPUT AT SOURCE	1912 lm (3000K)
DELIVERED LUMEN OUTPUT	1366 lm (3000K, 32°)
NO. AND TYPE OF LED	1 COB LED Xicato Xtm Artist Series® 2-step MacAdam, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in anodized aluminium
POWER SUPPLY UNIT	built in
MOUNTING	on horizontal track
ACCESSORIES	see p. 588
FEATURES	CRI 98
PHOTOMETRIC DATA	see p. 838

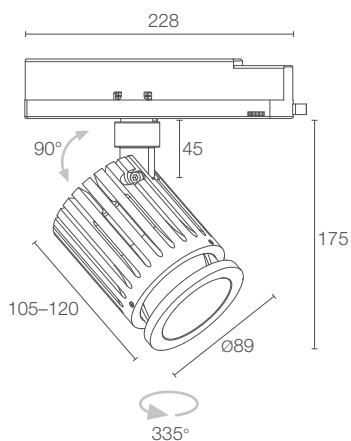
POWER / POWER SUPPLY CODE	29W 230Vac 1 COB LED Citizen ZT11101 ■ ■ ■ B White ZT11101 ■ ■ ■ N Black
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	S - 14° M - 29°
LUMEN OUTPUT AT SOURCE	2645 lm (3000K)
DELIVERED LUMEN OUTPUT	1750 lm (3000K, 29°)
NO. AND TYPE OF LED	1 COB LED Citizen 3-step MacAdam, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in anodized aluminium
POWER SUPPLY UNIT	built in
MOUNTING	on horizontal track
ACCESSORIES	see p. 588
FEATURES	CRI 94
PHOTOMETRIC DATA	see p. 838



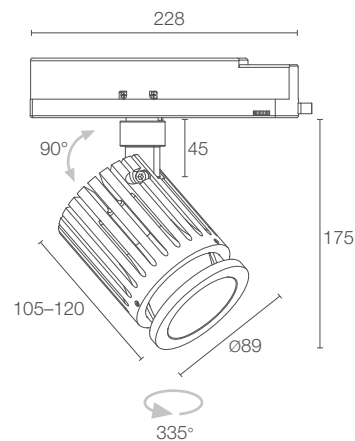
ZAB TRACK 2



ZAB TRACK 2.0



ZAB TRACK 2.1



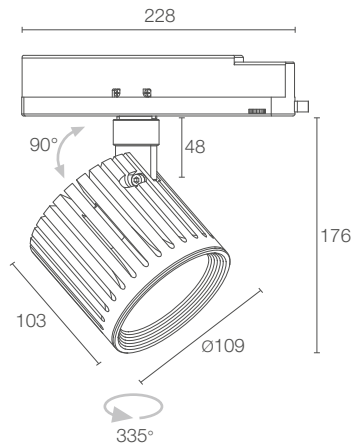
POWER / POWER SUPPLY CODE	23W 230Vac 1 COB LED Xicato Xtm Artist Series® ZT20101 ■ R1 B White ZT20101 ■ R1 N Black
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	optical range 26°-51°
LUMEN OUTPUT AT SOURCE	1912 lm (3000K)
DELIVERED LUMEN OUTPUT	1302 lm (3000K, 51°)
NO. AND TYPE OF LED	1 COB LED Xicato Xtm Artist Series® 2-step MacAdam, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in anodized aluminium screen in transparent glass
POWER SUPPLY UNIT	built in
MOUNTING	on horizontal track
TRACK ACCESSORIES	see p. 870
FEATURES	CRI 98
PHOTOMETRIC DATA	see p. 838

POWER / POWER SUPPLY CODE	29W 230Vac 1 COB LED Citizen ZT21101 ■ R1 B White ZT21101 ■ R1 N Black
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	optical range 20°-42°
LUMEN OUTPUT AT SOURCE	2645 lm (3000K)
DELIVERED LUMEN OUTPUT	1832 lm (3000K, 42°)
NO. AND TYPE OF LED	1 COB LED Citizen 3-step MacAdam, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in anodized aluminium screen in transparent glass
POWER SUPPLY UNIT	built in
MOUNTING	on horizontal track
TRACK ACCESSORIES	see p. 870
FEATURES	CRI 94
PHOTOMETRIC DATA	see p. 838

ZAB TRACK 3

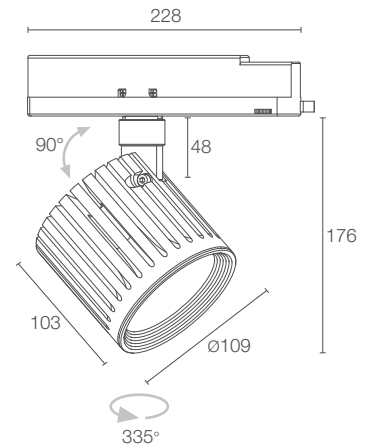


ZAB TRACK 3.0



POWER / POWER SUPPLY CODE	34W 230Vac 1 COB LED Xicato Xtm Artist Series® ZT30101 ■ B White ZT30101 ■ N Black
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	S - 18° M - 25° L - 42°
LUMEN OUTPUT AT SOURCE	2505 lm (3000K)
DELIVERED LUMEN OUTPUT	1785 lm (3000K, 25°)
NO. AND TYPE OF LED	1 COB LED Xicato Xtm Artist Series® 2-step MacAdam, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in anodized aluminium
POWER SUPPLY UNIT	built in
MOUNTING	on horizontal track
ACCESSORIES	see p. 588
FEATURES	CRI 98
PHOTOMETRIC DATA	see p. 839

ZAB TRACK 3.1



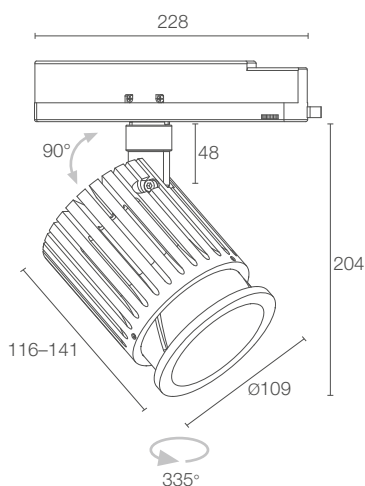
POWER / POWER SUPPLY CODE	36W 230Vac 1 COB LED Citizen ZT31101 ■ B White ZT31101 ■ N Black
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	S - 16° M - 32°
LUMEN OUTPUT AT SOURCE	3377 lm (3000K)
DELIVERED LUMEN OUTPUT	1882 lm (3000K, 32°)
NO. AND TYPE OF LED	1 COB LED Citizen 3-step MacAdam, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in anodized aluminium
POWER SUPPLY UNIT	built in
MOUNTING	on horizontal track
ACCESSORIES	see p. 588
FEATURES	CRI 94
PHOTOMETRIC DATA	see p. 839



ZAB TRACK 4

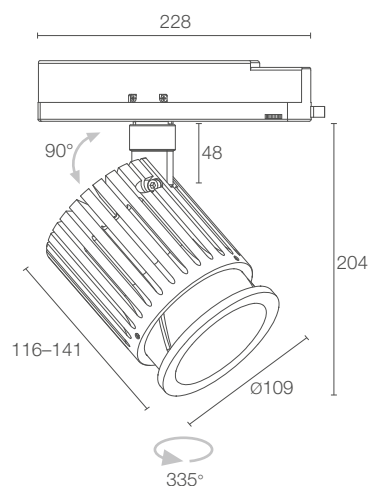


ZAB TRACK 4.0



CE LED TECH kg 1.45 IP40
A A+ A++

ZAB TRACK 4.1







CE LED TECH kg 1.45 IP40
A A+ A++

POWER / POWER SUPPLY CODE	34W 230Vac 1 COB LED Xicato Xtm Artist Series® ZT40101 R1 B White ZT40101 R1 N Black
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	optical range 19°-62°
LUMEN OUTPUT AT SOURCE	2505 lm (3000K)
DELIVERED LUMEN OUTPUT	1733 lm (3000K, 62°)
NO. AND TYPE OF LED	1 COB LED Xicato Xtm Artist Series® 2-step MacAdam, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in anodized aluminium screen in transparent glass
POWER SUPPLY UNIT	built in
MOUNTING	on horizontal track
TRACK ACCESSORIES	see p. 870
FEATURES	CRI 98
PHOTOMETRIC DATA	see p. 839

POWER / POWER SUPPLY CODE	36W 230Vac 1 COB LED Citizen ZT41101 R1 B White ZT41101 R1 N Black
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	optical range 26°-61°
LUMEN OUTPUT AT SOURCE	3377 lm (3000K)
DELIVERED LUMEN OUTPUT	2310 lm (3000K, 61°)
NO. AND TYPE OF LED	1 COB LED Citizen 3-step MacAdam, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in anodized aluminium screen in transparent glass
POWER SUPPLY UNIT	built in
MOUNTING	on horizontal track
TRACK ACCESSORIES	see p. 870
FEATURES	CRI 94
PHOTOMETRIC DATA	see p. 839

ZAB TRACK

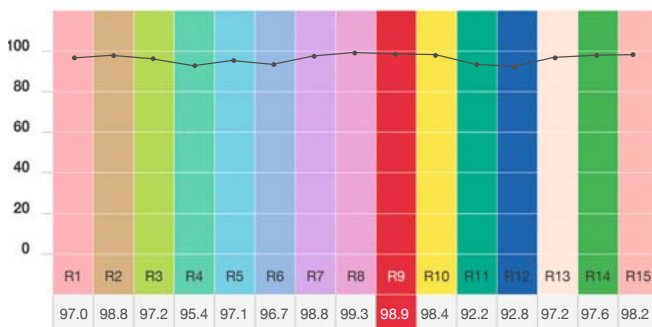
ACCESSORIES

	ZAB TRACK 1.0	ZAB TRACK 1.1	ZAB TRACK 3.0	ZAB TRACK 3.1
ANTI-GLARE ACCESSORIES  Honeycomb louvre built into the lighting fixture order together with the lighting fixture	WH0710	WH0710	WH0711	WH0711
 Standard snoot	WB0401B White WB0401N Black Ø95x60 mm	WB0401B White WB0401N Black Ø95x60 mm	WB0404B White WB0404N Black Ø115x85 mm	WB0404B White WB0404N Black Ø115x85 mm
 Asymmetrical snoot	WB0402B White WB0402N Black Ø90x110 mm	WB0402B White WB0402N Black Ø90x110 mm	WB0405B White WB0405N Black Ø110x120 mm	WB0405B White WB0405N Black Ø110x120 mm
 Barn doors	WB0403N Black	WB0403N Black	WB0406N Black	WB0406N Black

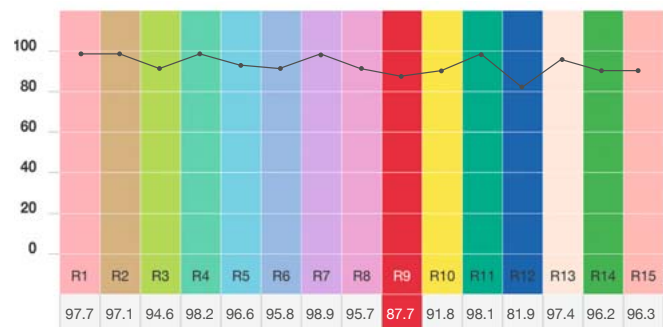
ACCESSORIES FOR INSTALLATION

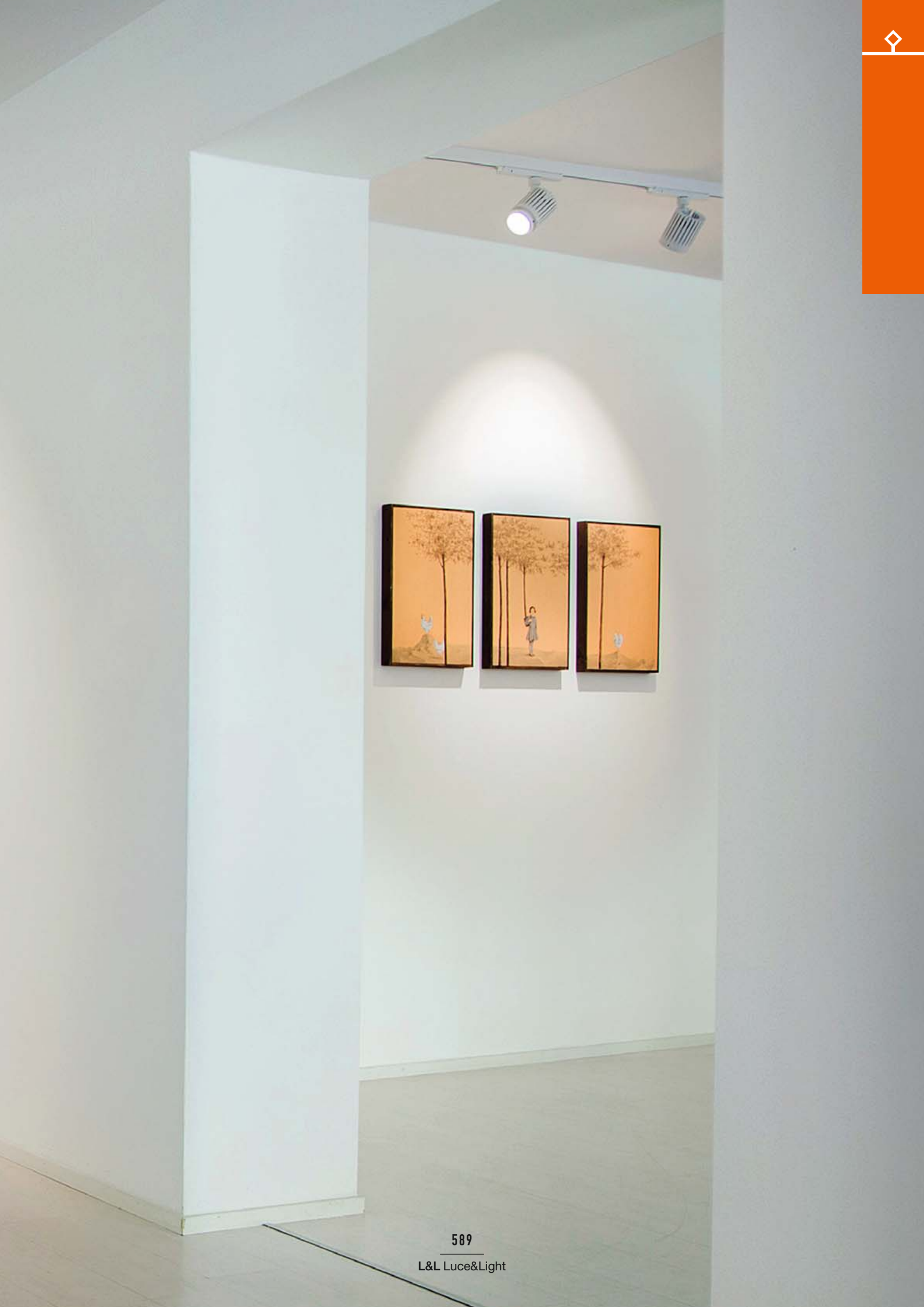
For track accessories, see p. 870

Zab Track 1.0 / 2.0 / 3.0 / 4.0, LED Xicato Xtm Artist Series®
Colour Rendering Index



Zab Track 1.1 / 2.1 / 3.1 / 4.1, LED Citizen
Colour Rendering Index

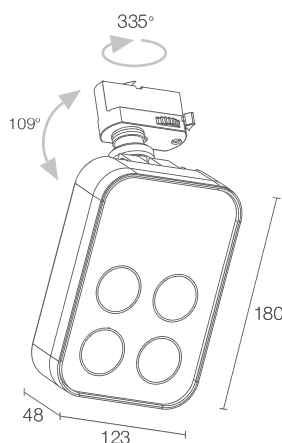




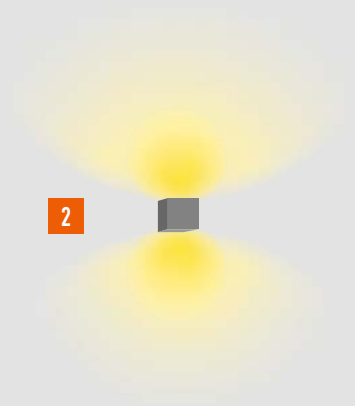
SIRI TRACK

INDOOR PROJECTOR, INTERCHANGEABLE OPTICS FOR MUSEUMS AND RETAIL SETTINGS



On-board
manual dimmer**SIRI TRACK 2.0**

POWER / POWER SUPPLY CODE	16W 230Vac SB2010 1 B White SB2010 1 N Black
CRI	0 - CRI 80 1 - CRI >90
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	includes set of optical filters: 11°, 18°, 29°, 55°, 24°x55°
LUMEN OUTPUT AT SOURCE	1411 lm (3000K, CRI 80)
DELIVERED LUMEN OUTPUT	1010 lm (3000K, 29°, CRI 80)
NO. AND TYPE OF LED	4 power LEDs 1/4 ANSI BIN, 50000h L95 B10 (Ta 25°C)
MATERIAL	body in die-cast aluminium screen in serigraphed plexiglass
POWER SUPPLY UNIT	built in
MOUNTING	on horizontal track
TRACK ACCESSORIES	see p. 870
SPARE PARTS	see p. 866
FEATURES	on-board manual dimmer
PHOTOMETRIC DATA	see p. 812



1 ELLA IN p. 594

2 VERSA p. 600

WALL MOUNTED

FOR INDOOR APPLICATIONS



ELLA IN
see p. 594



VERSA
see p. 600

	DIFFUSE VERSION		
BEAM			
LIGHT COLOUR			
POWER SUPPLY		230Vac	230Vac
POWER SUPPLY UNIT		built in	built in
IP		IP40	IP40
APPLIANCE CLASS			



ELLA IN

INDOOR WALL MOUNTED
SINGLE BEAM, DIFFUSE LIGHT



diffuse


2700K 3000K 4000K

INDOOR

OUTDOOR

WALL MOUNTED



ELLA IN 1.0 p. 596
7W 230Vac
493 lm (3000K)



ELLA IN 2.0 p. 597
13W 230Vac
985 lm (3000K)



ELLA IN 3.0 p. 597
19W 230Vac
1478 lm (3000K)

ELLA OUT p. 278

CEILING MOUNTED

ELLO IN p. 620

ELLO OUT p. 306

ELLA IN

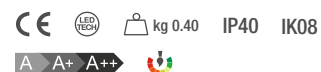
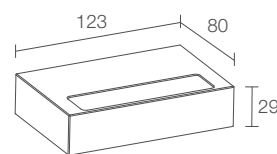
∨
ELLA IN 1.0
without spacer



^
ELLA IN 1.0
with spacer (15° inclination)



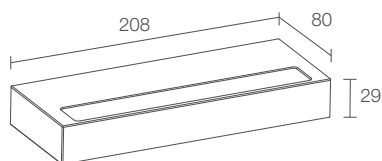
ELLA IN 1.0



POWER / POWER SUPPLY CODE	7W 230Vac EA1010 D B N White EA1010 D C N Chrome EA1010 D 1 N Pure orange EA1010 D 2 N Reseda green EA1010 D 3 N Capri blue EA1010 D 4 N Light ivory
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	diffuse
LUMEN OUTPUT AT SOURCE	954 lm (3000K)
DELIVERED LUMEN OUTPUT	493 lm (3000K)
NO. AND TYPE OF LED	18 mid-power LEDs 3-step MacAdam, 50000h L80 B10 (Ta 25°C)
MATERIAL	body in aluminium screen in serigraphed extra-clear microprismatic glass
POWER SUPPLY UNIT	built in
MOUNTING	surface mounted (wall)
ACCESSORIES	see p. 598
NOTES	outdoor version: Ella OUT 1.0 p. 280 ceiling-mounted version: Ello IN 1.0 p. 622
PHOTOMETRIC DATA	see p. 758



ELLA IN 2.0



CE LED (UPE) kg 0.80 IP40 IK08

A A+ A++

13W 230Vac

EA2010 **D B N** White
EA2010 **D C N** Chrome
EA2010 **D 1 N** Pure orange
EA2010 **D 2 N** Reseda green
EA2010 **D 3 N** Capri blue
EA2010 **D 4 N** Light ivory

■ F - 2700K
5 - 3000K
9 - 4000K

diffuse

1908 lm (3000K)

985 lm (3000K)

36 mid-power LEDs
3-step MacAdam, 50000h L80 B10 (Ta 25°C)

body in aluminium
screen in serigraphed extra-clear
microprismatic glass

built in

surface mounted (wall)

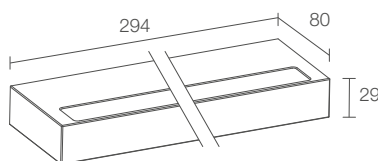
see p. 598

outdoor version: Ella OUT 2.0 p. 281
ceiling-mounted version: Ello IN 2.0 p. 623

see p. 758



ELLA IN 3.0



CE LED (UPE) kg 1.20 IP40 IK08

A A+ A++

19W 230Vac

EA3010 **D B N** White
EA3010 **D C N** Chrome
EA3010 **D 1 N** Pure orange
EA3010 **D 2 N** Reseda green
EA3010 **D 3 N** Capri blue
EA3010 **D 4 N** Light ivory

■ F - 2700K
5 - 3000K
9 - 4000K

diffuse

2862 lm (3000K)

1478 lm (3000K)

54 mid-power LEDs
3-step MacAdam, 50000h L80 B10 (Ta 25°C)

body in aluminium
screen in serigraphed extra-clear
microprismatic glass

built in

surface mounted (wall)

see p. 598

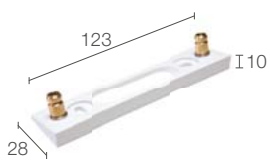
outdoor version: Ella OUT 3.0 p. 281
ceiling-mounted version: Ello IN 3.0 p. 623

see p. 758

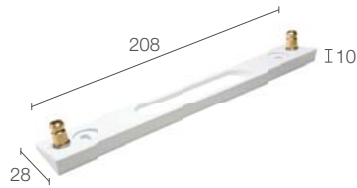
ELLA IN

ACCESSORIES

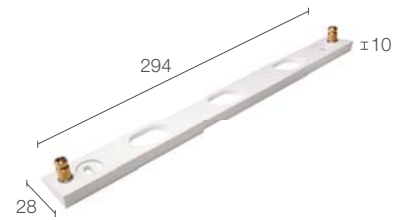
ACCESSORIES FOR INSTALLATION



WD0601B - White
WD0601C - Chrome
WD06011 - Pure orange
WD06012 - Reseda green
WD06013 - Capri blue
WD06014 - Light ivory
 Spacer for 15° inclination
 RAL finish available on request
 (Ella IN 1.0)



WD0602B - White
WD0602C - Chrome
WD06021 - Pure orange
WD06022 - Reseda green
WD06023 - Capri blue
WD06024 - Light ivory
 Spacer for 15° inclination
 RAL finish available on request
 (Ella IN 2.0)



WD0603B - White
WD0603C - Chrome
WD06031 - Pure orange
WD06032 - Reseda green
WD06033 - Capri blue
WD06034 - Light ivory
 Spacer for 15° inclination
 RAL finish available on request
 (Ella IN 3.0)

STANDARD FINISHES



White



Chrome



Pure orange



Reseda green



Capri blue



Light ivory



599

L&L Luce&Light



VERSA

INDOOR WALL MOUNTED, DIFFUSE LIGHT, SINGLE OR DOUBLE BEAM

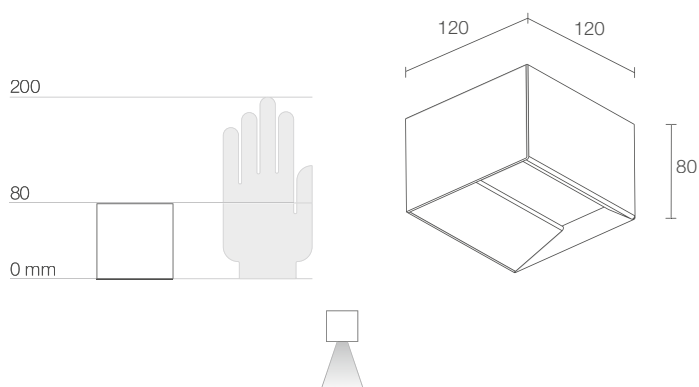


600

L&L Luce&Light

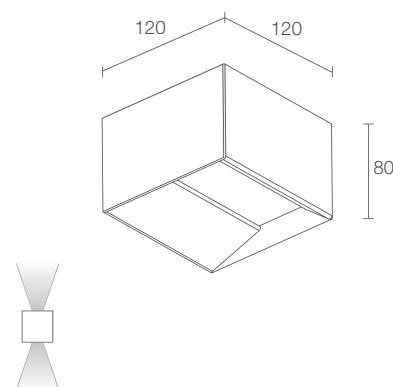


VERSA 1.0



POWER / POWER SUPPLY CODE	9W 230Vac VR1010 ■ D B White
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	diffuse
LUMEN OUTPUT AT SOURCE	745 lm (3000K)
DELIVERED LUMEN OUTPUT	530 lm (3000K)
NO. AND TYPE OF LED	mid-power LED matrix 3-step MacAdam, 50000h L80 B10 (Ta 25°C)
MATERIAL	body in steel screen in one-side-frosted, transparent plexiglass
POWER SUPPLY UNIT	built in
POWER CABLES	terminal block
MOUNTING	surface mounted (wall)
DESIGN BY	arch. Enrico Novello
PHOTOMETRIC DATA	see p. 835

VERSA 2.0



POWER / POWER SUPPLY CODE	18W 230Vac VR2010 ■ D B White
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	diffuse
LUMEN OUTPUT AT SOURCE	745 lm (3000K) down beam 901 lm (3000K) up beam
DELIVERED LUMEN OUTPUT	530 lm (3000K) down beam 640 lm (3000K) up beam
NO. AND TYPE OF LED	mid-power LED matrix 3-step MacAdam, 50000h L80 B10 (Ta 25°C)
MATERIAL	body in steel screen in one-side-frosted, transparent plexiglass
POWER SUPPLY UNIT	built in
POWER CABLES	terminal block
MOUNTING	surface mounted (wall)
DESIGN BY	arch. Enrico Novello
PHOTOMETRIC DATA	see p. 835

READING LAMPS

FOR INDOOR APPLICATIONS



^
WALL 3
3000K, 2.5W, chrome, 400 mm

602

L&L Luce&Light



WALL

READING LAMPS FOR HOSPITALITY AND PRIVATE HOMES



WALL MOUNTED



MOUNTED ON A SPARE GANG



MOUNTED ON A SHELF

ADJUSTABLE BEAM



3000K 5000K



adjustable



WALL 1 p. 604
2.5W 230Vac
3.5W 230Vac



WALL 3 p. 605
2.5W 230Vac
3.5W 230Vac

OPTICS VERSION



2700K 3000K 4000K 5000K



narrow



medium



wide



WALL 8.1 p. 607
2.5W 230Vac
3.5W 230Vac

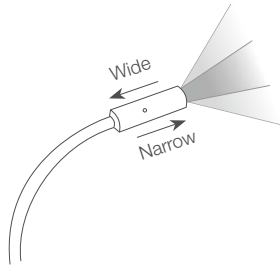


WALL 8.0 p. 606
max 2W max 500mA

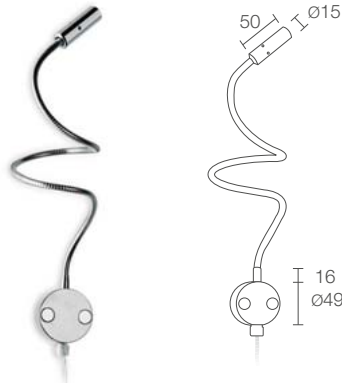


WALL 8.2 p. 607
2.5W 230Vac
3.5W 230Vac

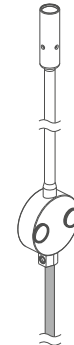
WALL 1



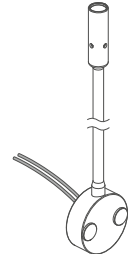
Adjustable beam



Flexible neck:
 Ø6 mm - 400 mm
 Ø8 mm - 400/500 mm



Standard version:
 bottom cable entry



Available on request:
 rear cable entry

kg 0.30 400 mm Ø6 mm
 kg 0.32 400 mm Ø8 mm
 kg 0.33 500 mm Ø8 mm

IP20

POWER / POWER SUPPLY CODE

2.5W 230Vac 400 mm Neck Ø6 mm
L11640 **C** Chrome
L11640 **D** Gold
L11640 **S** Satin

3.5W 230Vac 400 mm Neck Ø6 mm
L12640 **C** Chrome
L12640 **D** Gold
L12640 **S** Satin

2.5W 230Vac 400 mm Neck Ø8 mm
L11840 **C** Chrome
L11840 **D** Gold
L11840 **S** Satin

3.5W 230Vac 400 mm Neck Ø8 mm
L12840 **C** Chrome
L12840 **D** Gold
L12840 **S** Satin

2.5W 230Vac 500 mm Neck Ø8 mm
L11850 **C** Chrome
L11850 **D** Gold
L11850 **S** Satin

3.5W 230Vac 500 mm Neck Ø8 mm
L12850 **C** Chrome
L12850 **D** Gold
L12850 **S** Satin

LED COLOUR	5 - 3000K 0 - 5000K
OPTICS	optical range 20°-55°
LUMEN OUTPUT AT SOURCE	145 lm (3000K, 3.5W)
DELIVERED LUMEN OUTPUT	61 lm (3000K, 3.5W)
NO. AND TYPE OF LEDS	1 power LED 1/4 ANSI BIN, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in aluminium, neck in brass
POWER SUPPLY UNIT	power supply unit built into plug with switch on cable
POWER CABLES	includes 1.5 m cable, with built-in plug and PSU
MOUNTING	surface mounted (wall)
NOTES	version with rear cable entry available on request
PHOTOMETRIC DATA	see p. 836



WALL 3



Adjustable beam

Flexible neck:
Ø8 mm - 400/500 mm

CE (LED) □ kg 0.19 400 mm IP20
kg 0.29 500 mm

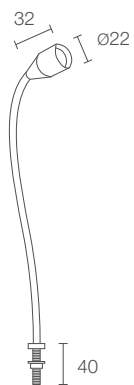
A A+ A++

POWER / POWER SUPPLY CODE	2.5W 230Vac 400 mm Neck Ø8 mm
	PL11840 C Chrome
	PL11840 D Gold
	PL11840 S Satin
	3.5W 230Vac 400 mm Neck Ø8 mm
	PL12840 C Chrome
	PL12840 D Gold
	PL12840 S Satin
	2.5W 230Vac 500 mm Neck Ø8 mm
	PL11850 C Chrome
	PL11850 D Gold
	PL11850 S Satin
3.5W 230Vac 500 mm Neck Ø8 mm	
PL12850 C Chrome	
PL12850 D Gold	
PL12850 S Satin	
LED COLOUR	5 - 3000K 0 - 5000K
OPTICS	optical range 20°-55°
LUMEN OUTPUT AT SOURCE	145 lm (3000K, 3.5W)
DELIVERED LUMEN OUTPUT	61 lm (3000K, 3.5W)
NO. AND TYPE OF LEDS	1 power LED 1/4 ANSI BIN, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in aluminium, neck in brass
POWER SUPPLY UNIT	included
POWER CABLES	includes 0.30 m two-core cable
MOUNTING	on a spare gang
PHOTOMETRIC DATA	see p. 836

WALL 8



WALL 8.0



Flexible neck:
ø8 mm - 400 mm

CE LED RoHS kg 0.16 IP40

A A+ A++

POWER / POWER SUPPLY max 2W max 500mA 400 mm
CODE PL801240 C Chrome
PL801240 S Satin

LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K
OPTICS	S - 10° M - 25° L - 40°
LUMEN OUTPUT AT SOURCE	145 lm (3000K, 500mA)
DELIVERED LUMEN OUTPUT	103 lm (3000K, 500mA, 25°)
NO. AND TYPE OF LEDS	1 power LED 1/4 ANSI BIN, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in aluminium, neck in brass
POWER SUPPLY UNIT	not included, see p. 608 and 844
POWER CABLES	includes 0.50 m PVC cable FROR 2x0.35 Ø3.5 mm
WIRING	series
MOUNTING	surface mounted (shelf max 30 mm)
ACCESSORIES	see p. 608
PHOTOMETRIC DATA	see p. 836

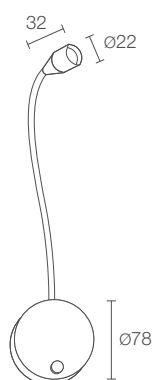
✓
WALL 1
3000K, 2.5W, satin, customized version
with rear cable entry

Private collection, Milan, Italy
Courtesy of / Susanna Roda





WALL 8.1



Flexible neck:
Ø8 mm - 400 mm

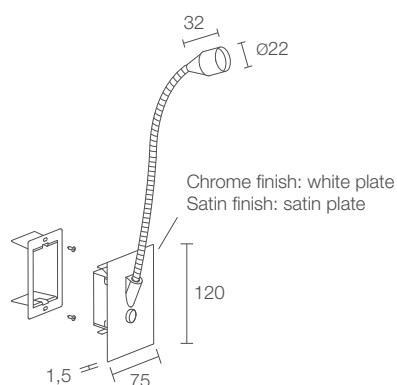
CE LED kg 0.34 IP20
A A+ A++

2.5W 230Vac 400 mm
PL811140 C Chrome
PL811140 S Satin
 3.5W 230Vac 400 mm
PL811240 C Chrome
PL811240 S Satin

<ul style="list-style-type: none"> ■ F - 2700K ■ 5 - 3000K ■ 9 - 4000K ■ 0 - 5000K
<ul style="list-style-type: none"> ■ S - 10° ■ M - 25° ■ L - 40°
145 lm (3000K, 3.5W)
103 lm (3000K, 25°, 3.5W)
1 power LED 1/4 ANSI BIN, 50000h L90 B10 (Ta 25°C)
body in aluminium, neck in brass base in steel
built in with switch on base of neck
none
mains voltage
surface mounted (wall)
none
see p. 836



WALL 8.2



Flexible neck:
Ø8 mm - 400 mm

CE LED kg 0.37 IP40
A A+ A++

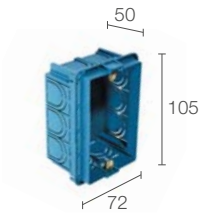
2.5W 230Vac 400 mm
PL821140 C Chrome
PL821140 S Satin
 3.5W 230Vac 400 mm
PL821240 C Chrome
PL821240 S Satin

<ul style="list-style-type: none"> ■ F - 2700K ■ 5 - 3000K ■ 9 - 4000K ■ 0 - 5000K
<ul style="list-style-type: none"> ■ S - 10° ■ M - 25° ■ L - 40°
145 lm (3000K, 3.5W)
103 lm (3000K, 25°, 3.5W)
1 power LED 1/4 ANSI BIN, 50000h L90 B10 (Ta 25°C)
body in aluminium, neck in brass plate in steel
built in with switch on base of neck
includes 0.30 m two-core cable
mains voltage
surface mounted (wall)
see p. 608
see p. 836

WALL

ACCESSORIES AND POWER SUPPLY UNITS

ACCESSORIES FOR INSTALLATION



WC0301

Optional outer casing
(Wall 8.2)

POWER CABLES

PVC cable
FROR 2x0.35 Ø3.5 mm
your choice of length

WF0110

(Wall 8.0)

order together with the lighting fixture

POWER SUPPLY UNITS Wall 8.0

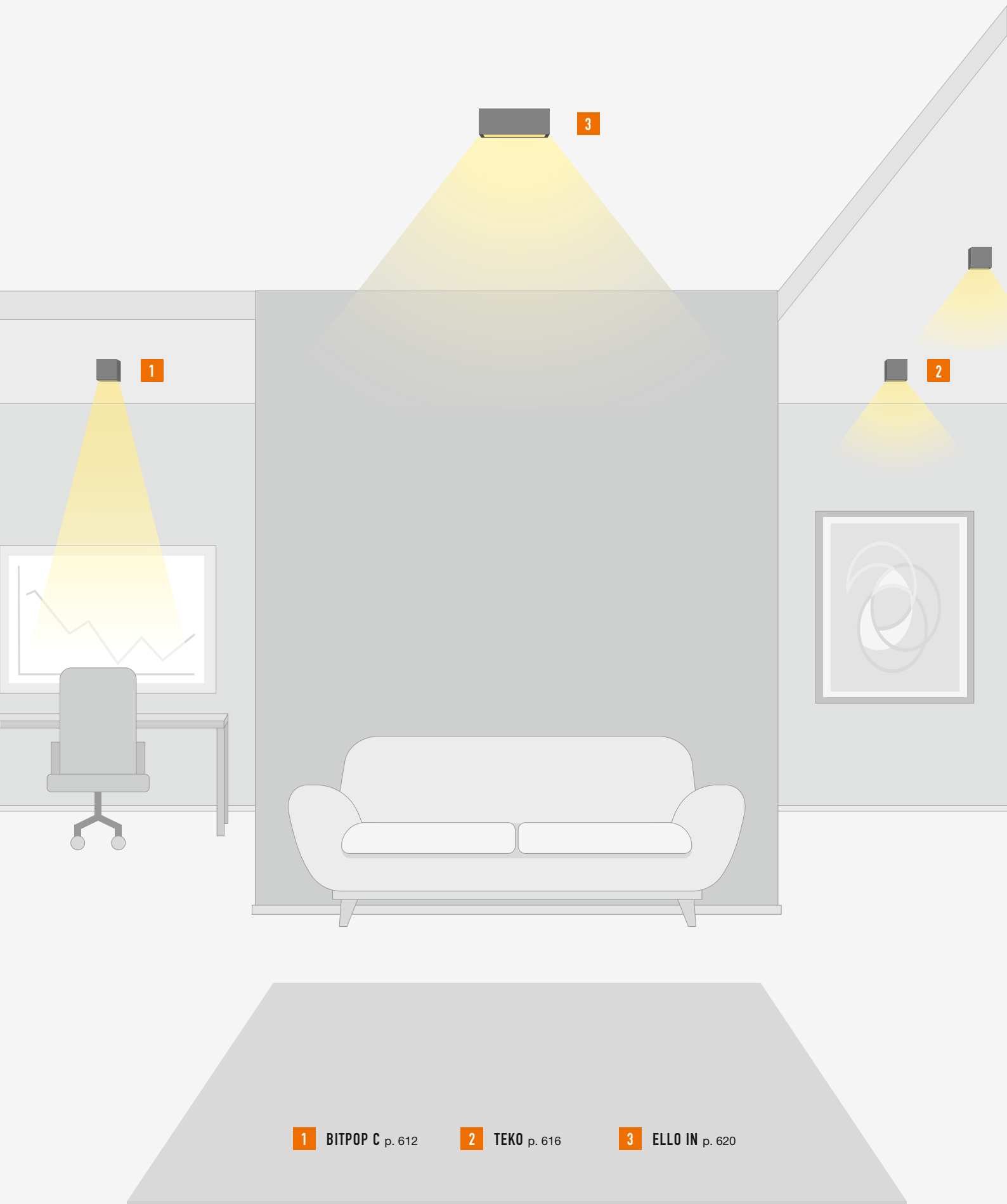
350mA

Max no. fixtures	PSU	IP	Page
1/3	A13350VL	20	845
1/15	ACUNI020T1	20	844 845
3/9	A19350QL	20	845
5/12	A312350QL	20	845
1/12 dimmer	ADUNITC	20	848 849 850

500mA

Max no. fixtures	PSU	IP	Page
1/3	A13500VL	20	845
1/10	ACUNI020T1	20	844 845
2/5	A15500QL	20	845
5/10	A310500QL	20	845
1/12 dimmer	ADUNITC	20	848 849 850





CEILING MOUNTED

FOR INDOOR APPLICATIONS



BITPOP C
see p. 612



TEKO
see p. 616



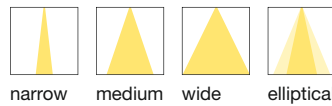
ELLO IN
see p. 620

BEAM	DIFFUSE VERSION		•	•
	OPTICS VERSION	•		
LIGHT COLOUR		 2700K 3000K 4000K	 2700K 3000K 4000K	 2700K 3000K 4000K
SHAPE				
POWER SUPPLY	CONSTANT VOLTAGE power supply unit not included	24Vdc		
	MAINS VOLTAGE built-in power supply unit	230Vac	230Vac	230Vac
IP		IP40	IP40	IP40
APPLIANCE CLASS				
UNIQUE SELLING POINTS		UGR < 10 for 17° and 30° optics		



BITPOP C

INDOOR CEILING MOUNTED
FOR OFFICES AND WORK SPACES



1 OPTICS



4 OPTICS IN A SQUARE



4 OPTICS IN A LINE



BITPOP C 1.0 p. 614
6.5W 24Vdc
ON/OFF



BITPOP C 2.2 p. 615
18W 230Vac
DALI, 1-10V, ON/OFF



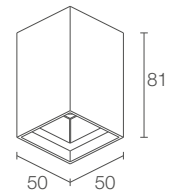
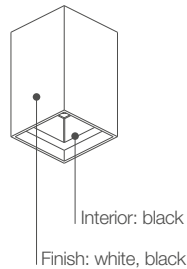
BITPOP C 4.1 p. 615
18W 230Vac
DALI, 1-10V, ON/OFF

BITPOP C

✓
BITPOP C 4.1
3000K, 18W, 42°, white



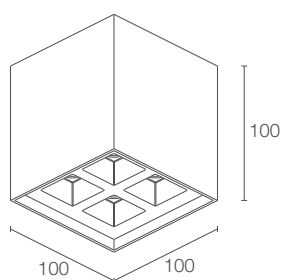
BITPOP C 1.0



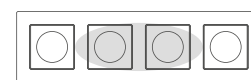
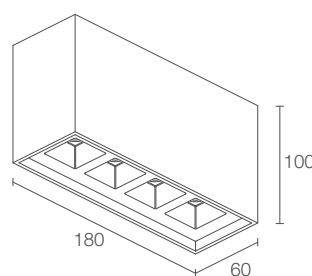
POWER / POWER SUPPLY CODE	6.5W 24Vdc BC1000 ■ ■ B 0 White - Black BC1000 ■ ■ N 0 Black - Black								
LED COLOUR	1F - 2700K CRI >90 15 - 3000K CRI >90 09 - 4000K CRI 80								
OPTICS	S - 17° F - 30° L - 42° W - 17°x45°								
CONTROL SYSTEM									
LUMEN OUTPUT AT SOURCE	480 lm (3000K)								
DELIVERED LUMEN OUTPUT	335 lm (3000K, 30°)								
NO. AND TYPE OF LED	1 high-intensity power LED 3-step MacAdam, 50000h L85 B10 (Ta 25°C)								
MATERIAL	body in aluminium trim in steel								
POWER SUPPLY UNIT	not included								
	<table border="1"> <thead> <tr> <th>Max no. fixtures</th> <th>PSU</th> <th>IP</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>1...n</td> <td>24Vdc</td> <td>20</td> <td>847</td> </tr> </tbody> </table>	Max no. fixtures	PSU	IP	Page	1...n	24Vdc	20	847
Max no. fixtures	PSU	IP	Page						
1...n	24Vdc	20	847						
POWER CABLES	includes 1.5 m PVC cable FROR 2x0.35 Ø3.5 mm								
MOUNTING	surface mounted (ceiling)								
FEATURES	UGR < 10 for the 17° and 30° optics								
NOTES	recessed version: Bitpop 1.0, p. 474								
PHOTOMETRIC DATA	see p. 728								



BITPOP C 2.2



BITPOP C 4.1



17°x45° optics

CE LED kWh kg 0.70 IP40
A A+ A++

18W 230Vac
BC2210 **B** White - Black
BC2210 **N** Black - Black

1F - 2700K CRI >90
15 - 3000K CRI >90
09 - 4000K CRI 80

S - 17°
F - 30°
L - 42°
W - 17°x45°

0 - on/off
R - 1-10V + PUSH
D - DALI

1400 lm (3000K)

992 lm (3000K, 30°)

4 high-intensity power LEDs
3-step MacAdam, 50000h L85 B10 (Ta 25°C)

body in aluminium
trim in steel

included and wired

includes 0.30 m cable

surface mounted (ceiling)

UGR < 10 for the 17° and 30° optics

recessed version: Bitpop 2.2, p. 475

see p. 728

CE LED kWh kg 0.70 IP40
A A+ A++

18W 230Vac
BC4110 **B** White - Black
BC4110 **N** Black - Black

1F - 2700K CRI >90
15 - 3000K CRI >90
09 - 4000K CRI 80

S - 17°
F - 30°
L - 42°
W - 17°x45°

0 - on/off
R - 1-10V
D - DALI + PUSH

1400 lm (3000K)

992 lm (3000K, 30°)

4 high-intensity power LEDs
3-step MacAdam, 50000h L85 B10 (Ta 25°C)

body in aluminium
trim in steel

included and wired

includes 0.30 m cable

surface mounted (ceiling)

UGR < 10 for the 17° and 30° optics

recessed version: Bitpop 4.1, p. 476

see p. 728



TEKO

INDOOR CEILING MOUNTED
WITH DIFFUSE LIGHT



diffuse

2700K 3000K 4000K

SQUARE

ROUND

80x80 mm



TEKO 5.0 p. 618
5W 230Vac
9W 230Vac

Ø80 mm



TEKO 5.1 p. 618
5W 230Vac
9W 230Vac

100x100 mm



TEKO 7.0 p. 619
9W 230Vac
17W 230Vac

Ø100 mm

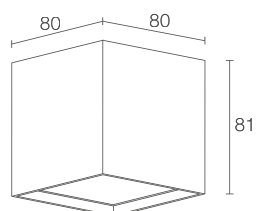


TEKO 7.1 p. 619
9W 230Vac

TEKO



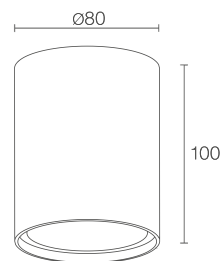
TEKO 5.0



POWER / POWER SUPPLY CODE	5W 230Vac TK5010 ■ D B White 9W 230Vac TK5011 ■ D B White
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	diffuse
LUMEN OUTPUT AT SOURCE	460 lm (3000K, 5W) 826 lm (3000K, 9W)
DELIVERED LUMEN OUTPUT	330 lm (3000K, 5W) 590 lm (3000K, 9W)
NO. AND TYPE OF LED	power LED matrix 3-step MacAdam, 50000h L80 B10 (Ta 25°C)
MATERIAL	body in anodized aluminium screen in one-side-frosted, transparent plexiglass
POWER SUPPLY UNIT	built in
POWER CABLES	terminal block
MOUNTING	surface mounted (ceiling)
PHOTOMETRIC DATA	see p. 829



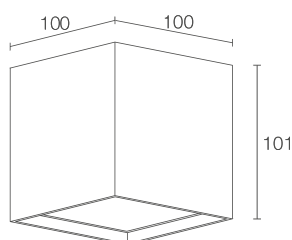
TEKO 5.1



POWER / POWER SUPPLY CODE	5W 230Vac TK5110 ■ D B White 9W 230Vac TK5111 ■ D B White
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	diffuse
LUMEN OUTPUT AT SOURCE	534 lm (3000K, 5W) 958 lm (3000K, 9W)
DELIVERED LUMEN OUTPUT	382 lm (3000K, 5W) 684 lm (3000K, 9W)
NO. AND TYPE OF LED	power LED matrix 3-step MacAdam, 50000h L80 B10 (Ta 25°C)
MATERIAL	body in anodized aluminium screen in one-side-frosted, transparent plexiglass
POWER SUPPLY UNIT	built in
POWER CABLES	terminal block
MOUNTING	surface mounted (ceiling)
PHOTOMETRIC DATA	see p. 829



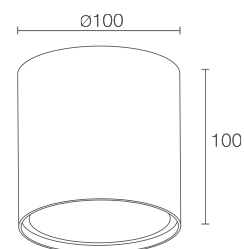
TEKO 7.0



POWER / POWER SUPPLY CODE	9W 230Vac TK7010 ■ DB White 17W 230Vac TK7011 ■ DB White
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	diffuse
LUMEN OUTPUT AT SOURCE	826 lm (3000K, 9W) 1565 lm (3000K, 17W)
DELIVERED LUMEN OUTPUT	590 lm (3000K, 9W) 1119 lm (3000K, 17W)
NO. AND TYPE OF LED	power LED matrix 3-step MacAdam, 50000h L80 B10 (Ta 25°C)
MATERIAL	body in anodized aluminium screen in one-side-frosted, transparent plexiglass
POWER SUPPLY UNIT	built in
POWER CABLES	terminal block
MOUNTING	surface mounted (ceiling)
PHOTOMETRIC DATA	see p. 829



TEKO 7.1



POWER / POWER SUPPLY CODE	9W 230Vac TK7110 ■ DB White
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	diffuse
LUMEN OUTPUT AT SOURCE	958 lm (3000K)
DELIVERED LUMEN OUTPUT	684 lm (3000K)
NO. AND TYPE OF LED	power LED matrix 3-step MacAdam, 50000h L80 B10 (Ta 25°C)
MATERIAL	body in anodized aluminium screen in one-side-frosted, transparent plexiglass
POWER SUPPLY UNIT	built in
POWER CABLES	terminal block
MOUNTING	surface mounted (ceiling)
PHOTOMETRIC DATA	see p. 829



ELLO IN

INDOOR CEILING MOUNTED
WITH DIFFUSE LIGHT



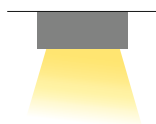
diffuse

2700K 3000K 4000K

INDOOR

OUTDOOR

CEILING MOUNTED



ELLO IN 1.0 p. 622
7W 230Vac
493 lm (3000K)



ELLO IN 2.0 p. 623
13W 230Vac
985 lm (3000K)



ELLO IN 3.0 p. 623
19W 230Vac
1478 lm (3000K)

ELLO OUT p. 306

WALL MOUNTED

ELLA IN p. 594

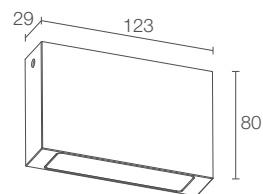
ELLA OUT p. 278

ELLO IN

▼
ELLO IN 2.0
 3000K, 13W, white



ELLO IN 1.0











 kg 0.40
 

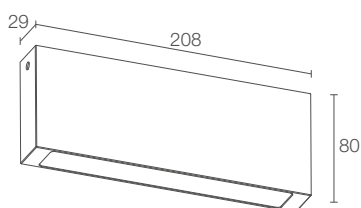





POWER / POWER SUPPLY CODE	7W 230Vac EP1010  DBN White EP1010  DCN Chrome EP1010  D 1 N Pure orange EP1010  D 2 N Reseda green EP1010  D 3 N Capri blue EP1010  D 4 N Light ivory
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	diffuse
LUMEN OUTPUT AT SOURCE	954 lm (3000K)
DELIVERED LUMEN OUTPUT	493 lm (3000K)
NO. AND TYPE OF LED	18 mid-power LEDs 3-step MacAdam, 50000h L80 B10 (Ta 25°C)
MATERIAL	body in aluminium screen in serigraphed extra-clear microprismatic glass
POWER SUPPLY UNIT	built in
MOUNTING	surface mounted (ceiling)
ACCESSORIES	see p. 624
NOTES	outdoor version: Ello OUT 1.0, p. 308 wall-mounted version: Ella IN 1.0, p. 596
PHOTOMETRIC DATA	see p. 759



ELLO IN 2.0



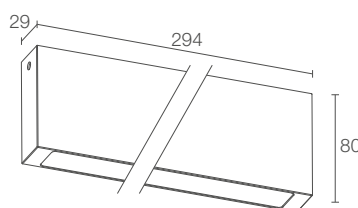
CE kg 0.80 IP40 IK08
A A+ A++

13W 230Vac
EP2010 **DBN** White
EP2010 **DCN** Chrome
EP2010 **D 1 N** Pure orange
EP2010 **D 2 N** Reseda green
EP2010 **D 3 N** Capri blue
EP2010 **D 4 N** Light ivory

	F - 2700K 5 - 3000K 9 - 4000K
diffuse	
1908 lm (3000K)	
985 lm (3000K)	
36 mid-power LEDs 3-step MacAdam, 50000h L80 B10 (Ta 25°C)	
body in aluminium screen in serigraphed extra-clear microprismatic glass	
built in	
surface mounted (ceiling)	
see p. 624	
outdoor version: Ello OUT 2.0, p. 309 wall-mounted version: Ella IN 2.0, p. 597	
see p. 759	



ELLO IN 3.0



CE kg 1.20 IP40 IK08
A A+ A++

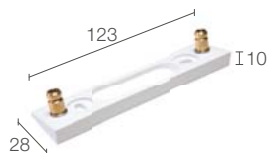
19W 230Vac
EP3010 **DBN** White
EP3010 **DCN** Chrome
EP3010 **D 1 N** Pure orange
EP3010 **D 2 N** Reseda green
EP3010 **D 3 N** Capri blue
EP3010 **D 4 N** Light ivory

	F - 2700K 5 - 3000K 9 - 4000K
diffuse	
2862 lm (3000K)	
1478 lm (3000K)	
54 mid-power LEDs 3-step MacAdam, 50000h L80 B10 (Ta 25°C)	
body in aluminium screen in serigraphed extra-clear microprismatic glass	
built in	
surface mounted (ceiling)	
see p. 624	
outdoor version: Ello OUT 3.0, p. 309 wall-mounted version: Ella IN 3.0, p. 597	
see p. 759	

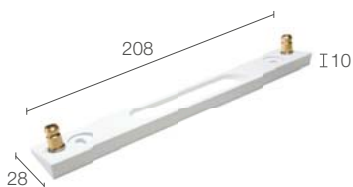
ELLO IN

ACCESSORIES

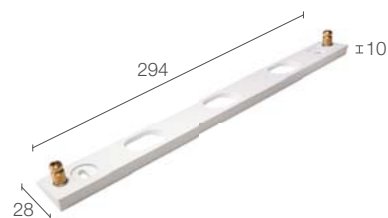
ACCESSORIES FOR INSTALLATION



WD0601B - White
WD0601C - Chrome
WD06011 - Pure orange
WD06012 - Reseda green
WD06013 - Capri blue
WD06014 - Light ivory
 Spacer for 15° inclination
 RAL finish available on request
 (Ello IN 1.0)



WD0602B - White
WD0602C - Chrome
WD06021 - Pure orange
WD06022 - Reseda green
WD06023 - Capri blue
WD06024 - Light ivory
 Spacer for 15° inclination
 RAL finish available on request
 (Ello IN 2.0)



WD0603B - White
WD0603C - Chrome
WD06031 - Pure orange
WD06032 - Reseda green
WD06033 - Capri blue
WD06034 - Light ivory
 Spacer for 15° inclination
 RAL finish available on request
 (Ello IN 3.0)

∨
ELLO IN 1.0
 with spacer (15° inclination)



STANDARD FINISHES



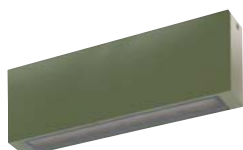
White



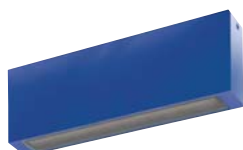
Chrome



Pure orange



Reseda green



Capri blue



Light ivory



SUSPENDED

FOR INDOOR APPLICATIONS



^
KORA 1.0
3000K, 3.5W, black

626

L&L Luce&Light



KORA

INDOOR SUSPENDED
LIGHTING FOR HOSPITALITY AND PRIVATE HOMES



2700K 3000K 4000K



KORA 1.0 p. 628
3.5W 230Vac



narrow medium



KORA 2.0 p. 629
6W 230Vac



narrow medium wide



KORA 3.0 p. 629
21W 230Vac



narrow medium wide

KORA



KORA 1.0



√
KORA 3.0
 3000K, 21W, 38°, white

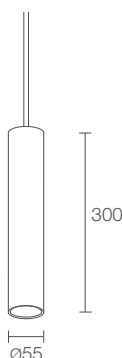
Interior design by / Cristian Turra
 Photo by / Alessio Tamborini
 Private residence, Brescia, Italy



POWER / POWER SUPPLY CODE	3.5W 230Vac KR101010 ■ B White KR101010 ■ C Chrome KR101010 ■ N Black KR101010 ■ 1 Pure orange KR101010 ■ 2 Reseda green KR101010 ■ 3 Capri blue KR101010 ■ 4 Light ivory
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	S - 18° M - 35°
LUMEN OUTPUT AT SOURCE	184 lm (3000K)
DELIVERED LUMEN OUTPUT	120 lm (3000K, 35°)
NO. AND TYPE OF LED	1 power LED 1/4 ANSI BIN, 50000h L90 B10 (Ta 25°C)
MATERIAL	body in anticorodal aluminium, ceiling rose in steel
POWER SUPPLY UNIT	built in
POWER CABLES	includes 2.50 m PVC cable FROR 2x0.75 Ø5.4 mm
MOUNTING	surface mounted (ceiling) with ceiling rose
NOTES	
DESIGN BY	Cibicworkshop
PHOTOMETRIC DATA	see p. 776



KORA 2.0



6W 230Vac

- KR2010** ■ **B** White
- KR2010** ■ **C** Chrome
- KR2010** ■ **N** Black
- KR2010** ■ **1** Pure orange
- KR2010** ■ **2** Reseda green
- KR2010** ■ **3** Capri blue
- KR2010** ■ **4** Light ivory

- **F** - 2700K
- **5** - 3000K
- **9** - 4000K

- **S** - 17°
- **M** - 24°
- **L** - 58°

460 lm (3000K)

285 lm (3000K, 24°)

1 multichip power LED
3-step MacAdam, 50000h L80 B10 (Ta 25°C)

body in anticorrosion aluminium, ceiling rose in steel
screen in plexiglass

built in

includes 2.50 m PVC cable
FROR 2x0.75 Ø5.4 mm

surface mounted (ceiling) with ceiling rose

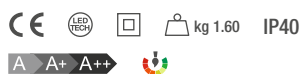
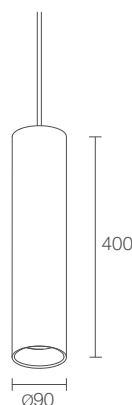
DALI and 1-10V versions available on request

Cibicworkshop

see p. 776



KORA 3.0



21W 230Vac

- KR3010** ■ **B** White
- KR3010** ■ **C** Chrome
- KR3010** ■ **N** Black
- KR3010** ■ **1** Pure orange
- KR3010** ■ **2** Reseda green
- KR3010** ■ **3** Capri blue
- KR3010** ■ **4** Light ivory

- **F** - 2700K
- **5** - 3000K
- **9** - 4000K

- **S** - 23°
- **M** - 38°
- **L** - 65°

1870 lm (3000K)

1289 lm (3000K, 38°)

1 multichip power LED
3-step MacAdam, 50000h L80 B10 (Ta 25°C)

body in anticorrosion aluminium, ceiling rose in steel
screen in plexiglass

built in

includes 2.50 m PVC cable
FROR 2x0.75 Ø5.4 mm

surface mounted (ceiling) with ceiling rose

DALI and 1-10V versions available on request

Cibicworkshop

see p. 776

KORA

FINISHES

STANDARD FINISHES



White



Chrome



Black



Pure orange



Reseda green



Capri blue



Light ivory

KORA 3.0 >
3000K, 65°, customized version with 18W power,
DALI, red RAL finish for body, red cable

Project by / Cibicworkshop
Light Planning by / Maurizio Corà
Photo by / Alberto Parise
Glam Hotel, Milan, Italy

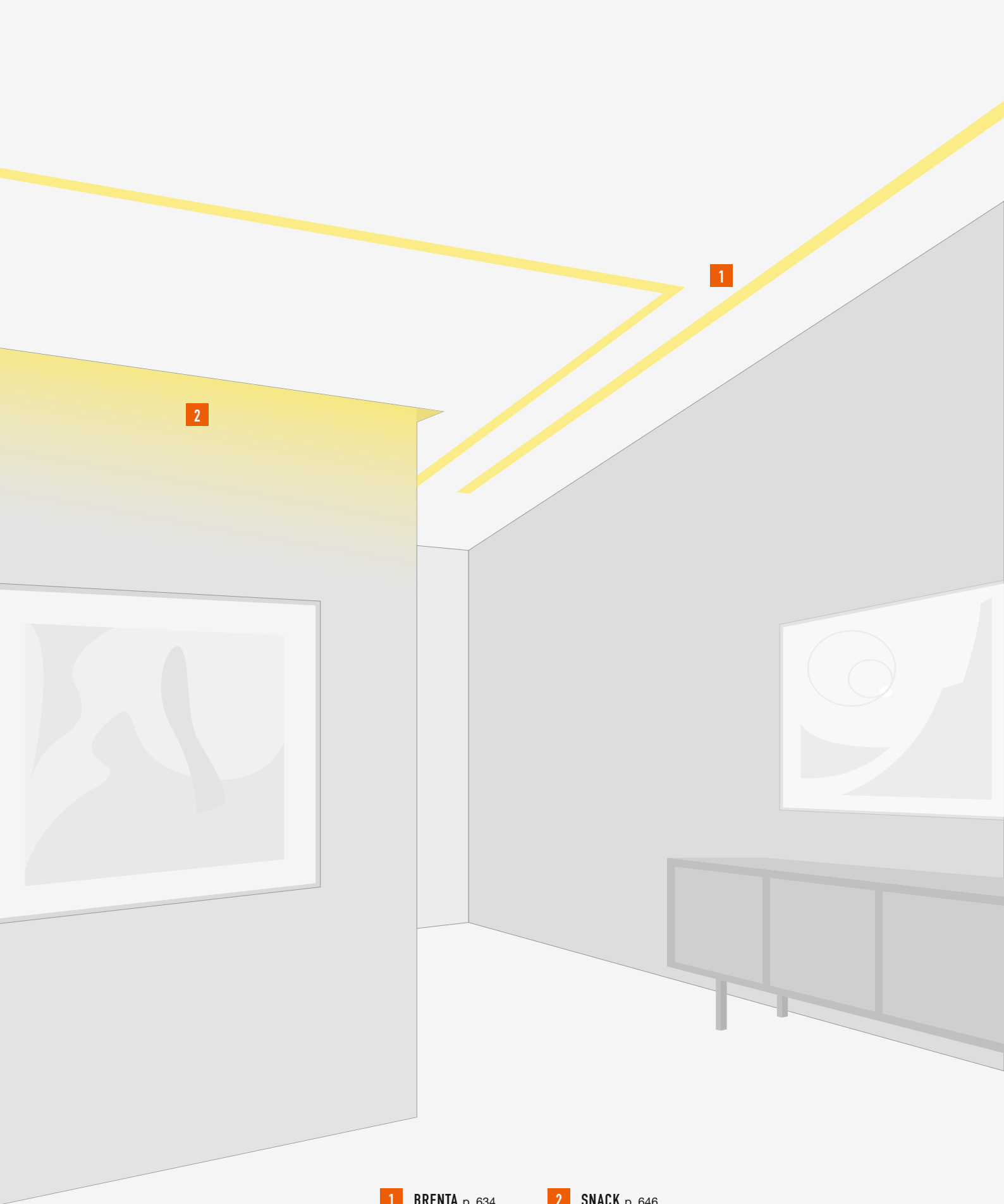
∨
KORA 2.0
3000K, 6W, 58°
black, pure orange, white



630

L&L Luce&Light





1 BRENTA p. 634

2 SNACK p. 646

LINEAR PROFILES







FOR INDOOR APPLICATIONS



BRENTA
see p. 634



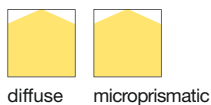
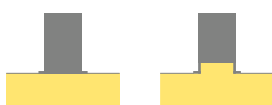
SNACK
see p. 646

MOUNTING	RECESSED CEILING / WALL		
	SURFACE MOUNTED WITH BRACKETS		
BEAM	DIFFUSE VERSION	•	•
	OPTICS VERSION		•
LIGHT COLOUR		 2700K 3000K 4000K	 2700K 3000K 4000K RGB
POWER SUPPLY	CONSTANT VOLTAGE power supply unit not included		24Vdc
	MAINS VOLTAGE built-in power supply unit	230Vac	
IN/OUT CONNECTION		•	
CONTROL SYSTEM		DALI	
PITCH			60 / 120
IP		IP40	IP40
APPLIANCE CLASS			
UNIQUE SELLING POINTS		CRI >90 custom version with bespoke lengths, and L-shaped versions	



BRENTA

INDOOR LINEAR PROFILES
FOR LINES OF CONTINUOUS LIGHT



2700K 3000K 4000K

WIDTH 42 mm

WIDTH 70 mm

STANDARD LENGTHS

562 mm

842 mm

1122 mm

1682 mm

2242 mm

2802 mm



BRENTA 1 p. 638
19W/m 230Vac
27W/m 230Vac



BRENTA 2 p. 640
27W/m 230Vac
54W/m 230Vac

CUSTOM LENGTHS

5000 mm

10000 mm

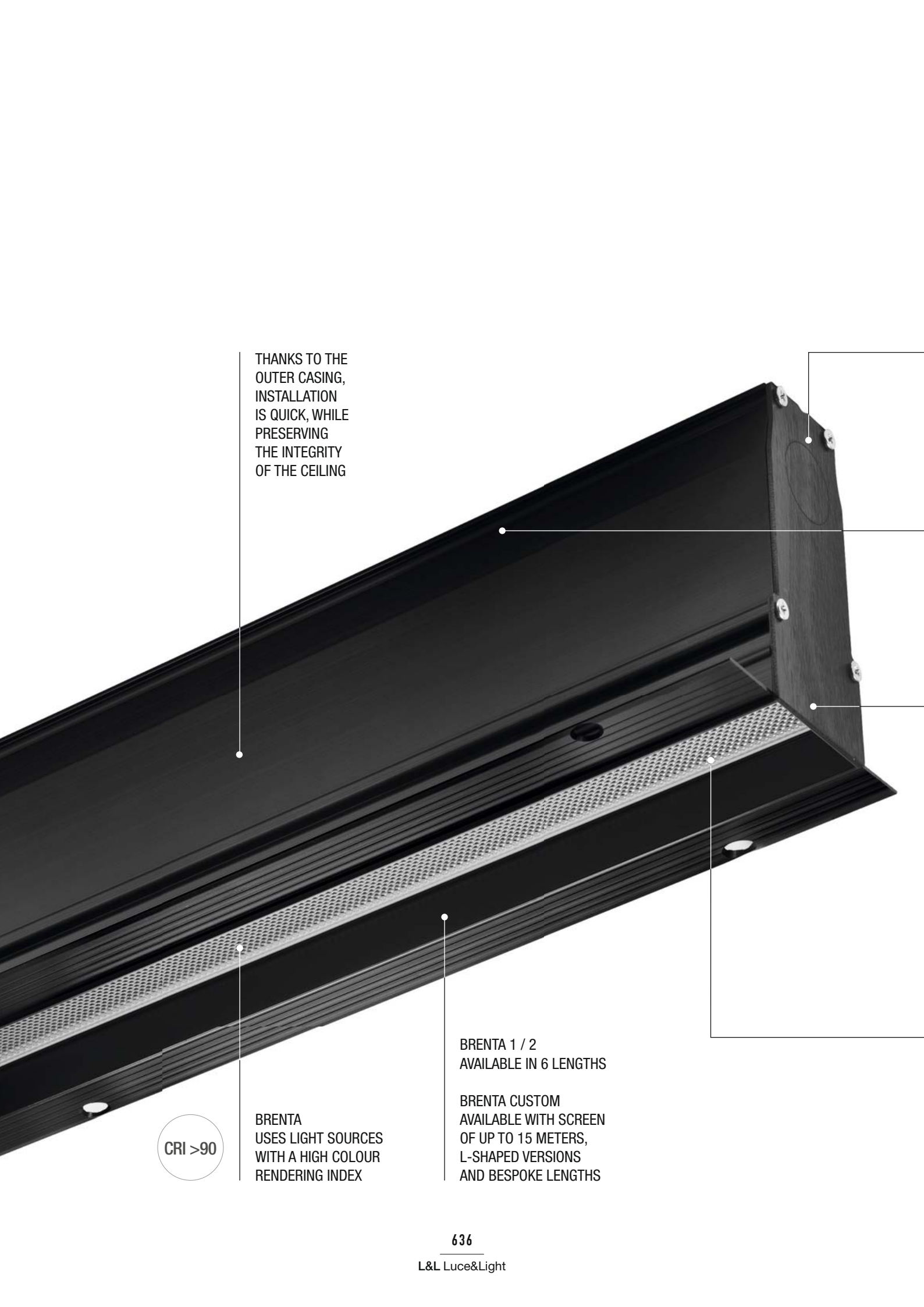
15000 mm



BRENTA 1 CUSTOM p. 642
19W/m 230Vac
27W/m 230Vac



BRENTA 2 CUSTOM p. 642
27W/m 230Vac
54W/m 230Vac



THANKS TO THE OUTER CASING, INSTALLATION IS QUICK, WHILE PRESERVING THE INTEGRITY OF THE CEILING

CRI >90

BRENTA USES LIGHT SOURCES WITH A HIGH COLOUR RENDERING INDEX

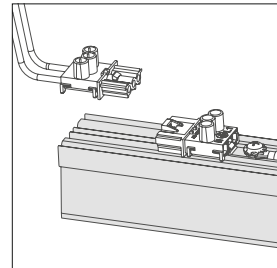
BRENTA 1 / 2 AVAILABLE IN 6 LENGTHS

BRENTA CUSTOM AVAILABLE WITH SCREEN OF UP TO 15 METERS, L-SHAPED VERSIONS AND BESPOKE LENGTHS

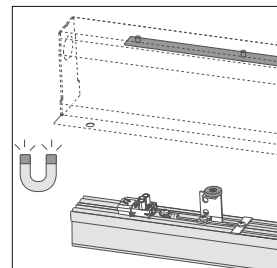
BRENTA

UNIQUE SELLING POINTS

THE IN/OUT CABLE
CONNECTION
MAKES WIRING
MUCH EASIER



THE MAGNETIC
FASTENER ELIMINATES
THE NEED FOR
SCREWS AND
SIMPLIFIES
INSTALLATION



USING THE DIFFERENT
OUTER CASINGS,
BRENTA CAN BE
INSTALLED FLUSH
WITH THE CEILING
OR DEEP SET



HONEYCOMB LOUVRE
ACCESSORY CAN
BE FITTED ON
BRENTA WITH DIFFUSE
OPTICS AND DEEP-SET
INSTALLATION

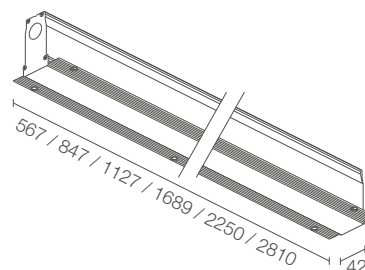


BRENTA 1

∇
BRENTA 1
flush installation



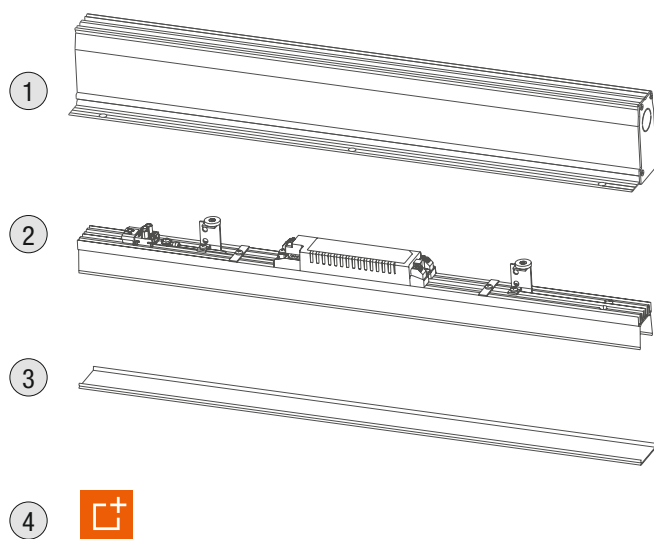
∧
BRENTA 1
deep-set installation



Required outer casing, not included
Required screen, not included

CE LED flush kg/m 2.26 deep set kg/m 2.40 IP40 A A+ A++

POWER SUPPLY	230Vac	
POWER	19W/m 11W (562 mm) 16W (842 mm) 22W (1122 mm) 33W (1682 mm) 43W (2242 mm) 54W (2802 mm)	27W/m 15W (562 mm) 23W (842 mm) 30W (1122 mm) 46W (1682 mm) 61W (2242 mm) 76W (2802 mm)
LUMEN OUTPUT AT SOURCE	19W/m, 3000K 1780 lm/m	27W/m, 3000K 2500 lm/m
DELIVERED LUMEN OUTPUT	19W/m, 3000K, diffuse optics 1100 lm/m (flush installation) 750 lm/m (deep-set installation) 19W/m, 3000K, microprismatic optics 1000 lm/m (flush installation) 800 lm/m (deep-set installation)	27W/m, 3000K, diffuse optics 1550 lm/m (flush installation) 1050 lm/m (deep-set installation) 27W/m, 3000K, microprismatic optics 1400 lm/m (flush installation) 1100 lm/m (deep-set installation)
NO. AND TYPE OF LED	48 mid-power LEDs (562 mm) 3-step MacAdam, 50000h L90 B10 (Ta 25°C) 72 mid-power LEDs (842 mm) 3-step MacAdam, 50000h L90 B10 (Ta 25°C) 96 mid-power LEDs (1122 mm) 3-step MacAdam, 50000h L90 B10 (Ta 25°C) 144 mid-power LEDs (1682 mm) 3-step MacAdam, 50000h L90 B10 (Ta 25°C) 192 mid-power LEDs (2242 mm) 3-step MacAdam, 50000h L90 B10 (Ta 25°C) 240 mid-power LEDs (2802 mm) 3-step MacAdam, 50000h L90 B10 (Ta 25°C)	
MATERIAL	body in aluminium screen in opal polycarbonate (diffuse version) screen in microprismatic polycarbonate (microprismatic version)	
POWER SUPPLY UNIT	built in	
POWER CABLES	terminal block	
MOUNTING	recessed (ceiling, wall)	
FEATURES	CRI >90	
NOTES	Brenta Custom, see p. 642	
PHOTOMETRIC DATA	see p. 730	



1

OUTER CASING

WCBR11F - 567 mm
WCBR12F - 847 mm
WCBR13F - 1127 mm
WCBR15F - 1689 mm
WCBR17F - 2250 mm
WCBR19F - 2810 mm

Outer casing for **flush installation**
h 80 mm

WCBR11A - 567 mm
WCBR12A - 847 mm
WCBR13A - 1127 mm
WCBR15A - 1689 mm
WCBR17A - 2250 mm
WCBR19A - 2810 mm

Outer casing for **deep-set installation** – black
h 95 mm

WCBR190PF - flush installation
WCBR190PA - deep-set installation

Horizontal L-shaped
outer casing
588x620 mm

WCBR190SF - flush installation
WCBR190SA - deep-set installation

Vertical L-shaped
outer casing
644x644 mm

2

LIGHTING FIXTURE

CODE
DALI 27W/m
BR1 ■ 111 ■ 0BD
ON/OFF
BR1 ■ 1 ■ 1 ■ 0B0

■ **LENGTH**
1 - 562 mm
2 - 842 mm
3 - 1122 mm
5 - 1682 mm
7 - 2242 mm
9 - 2802 mm

■ **POWER**
0 - 19W/m
1 - 27W/m

■ **LED COLOUR**
F - 2700K
5 - 3000K
9 - 4000K

3

SCREEN

WRBR11D - 563 mm
WRBR12D - 843 mm
WRBR13D - 1123 mm
WRBR15D - 1685 mm
WRBR17D - 2246 mm
WRBR19D - 2806 mm

Diffuse
optics

WRBR11P - 563 mm
WRBR12P - 843 mm
WRBR13P - 1123 mm
WRBR15P - 1685 mm
WRBR17P - 2246 mm
WRBR19P - 2806 mm

Microprismatic
optics

4

ACCESSORIES

WHBR1000
Honeycomb louvre
562 mm version:
4 pieces honeycomb louvre
842 mm version:
6 pieces honeycomb louvre
1122 mm version:
8 pieces honeycomb louvre
1682 mm version:
12 pieces honeycomb louvre
2242 mm version:
16 pieces honeycomb louvre
2802 mm version:
20 pieces honeycomb louvre
The honeycomb louvre can be fitted
on diffuse optics and with outer
casing for deep-set installation

WABR101A
Alignment kit for
outer casings

WF0321
Five-pin female connector

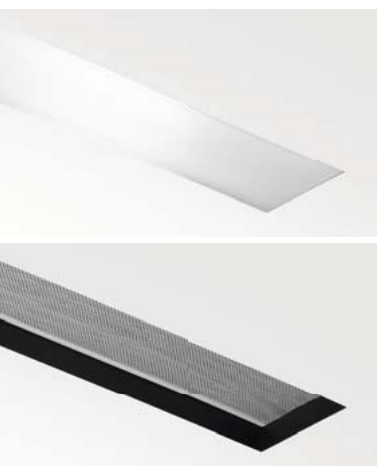
WUBR1000
Casing filler kit

WNBR001A
Anti-fall kit for outer casings:
WCBR15F, WCBR15A
WCBR17F, WCBR17A
WCBR19F, WCBR19A

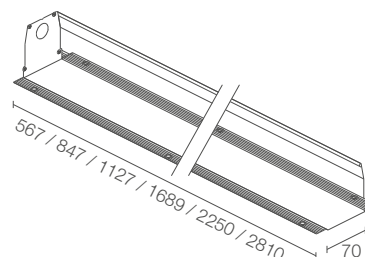
for spare parts, see p. 866

BRENTA 2

∨
BRENTA 2
flush installation



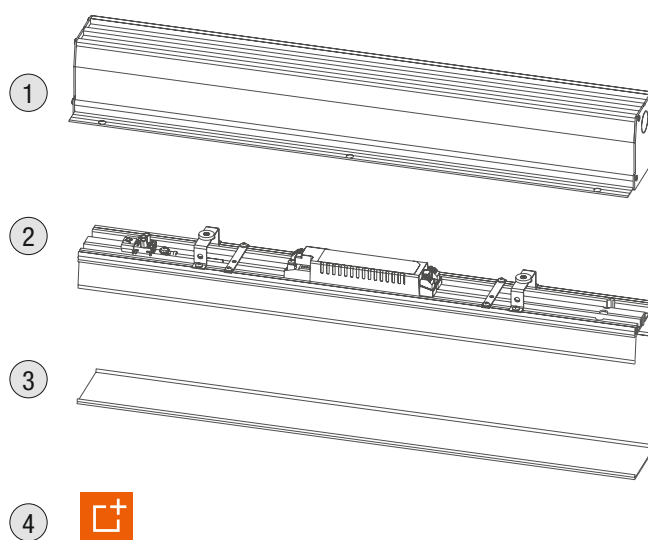
^
BRENTA 2
deep-set installation



Required outer casing, not included
Required screen, not included

CE LED flush kg/m 3.25 deep set kg/m 3.38 IP40 A A+ A++

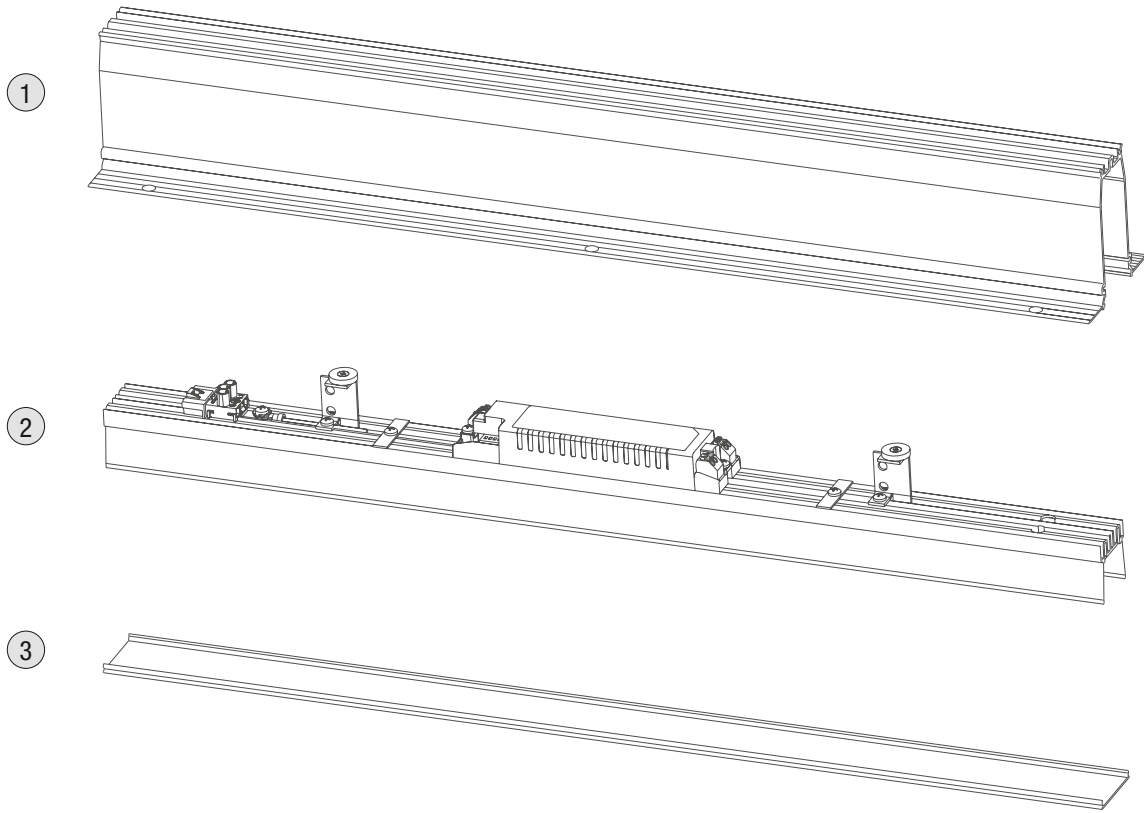
POWER SUPPLY	230Vac	
POWER	27W/m 15W (562 mm) 23W (842 mm) 30W (1122 mm) 46W (1682 mm) 61W (2242 mm) 76W (2802 mm)	54W/m 30W (562 mm) 46W (842 mm) 61W (1122 mm) 91W (1682 mm) 122W (2242 mm) 153W (2802 mm)
LUMEN OUTPUT AT SOURCE	27W/m, 3000K 2500 lm/m	54W/m, 3000K 5000 lm/m
DELIVERED LUMEN OUTPUT	27W/m, 3000K, diffuse optics 1550 lm/m (flush installation) 1200 lm/m (deep-set installation) 27W/m, 3000K, microprismatic optics 1500 lm/m (flush installation) 1350 lm/m (deep-set installation)	54W/m, 3000K, diffuse optics 3100 lm/m (flush installation) 2450 lm/m (deep-set installation) 54W/m, 3000K, microprismatic optics 3000 lm/m (flush installation) 2700 lm/m (deep-set installation)
NO. AND TYPE OF LED	96 mid-power LEDs (562 mm) 3-step MacAdam, 50000h L90 B10 (Ta 25°C) 144 mid-power LEDs (842 mm) 3-step MacAdam, 50000h L90 B10 (Ta 25°C) 192 mid-power LEDs (1122 mm) 3-step MacAdam, 50000h L90 B10 (Ta 25°C) 288 mid-power LEDs (1682 mm) 3-step MacAdam, 50000h L90 B10 (Ta 25°C) 384 mid-power LEDs (2242 mm) 3-step MacAdam, 50000h L90 B10 (Ta 25°C) 480 mid-power LEDs (2802 mm) 3-step MacAdam, 50000h L90 B10 (Ta 25°C)	
MATERIAL	body in aluminium screen in opal polycarbonate (diffuse version) screen in microprismatic polycarbonate (microprismatic version)	
POWER SUPPLY UNIT	built in	
POWER CABLES	terminal block	
MOUNTING	recessed (ceiling, wall)	
FEATURES	CRI >90	
NOTES	Brenta Custom, see p. 642	
PHOTOMETRIC DATA	see p. 730	



①	②	③	④
OUTER CASING	LIGHTING FIXTURE	SCREEN	ACCESSORIES
<p>WCBR21F - 567 mm WCBR22F - 847 mm WCBR23F - 1127 mm WCBR25F - 1689 mm WCBR27F - 2250 mm WCBR29F - 2810 mm</p> <p>Outer casing for flush installation h 76 mm</p> <p>WCBR21A - 567 mm WCBR22A - 847 mm WCBR23A - 1127 mm WCBR25A - 1689 mm WCBR27A - 2250 mm WCBR29A - 2810 mm</p> <p>Outer casing for deep-set installation – black h 91 mm</p> <p>WCBR290PF - flush installation WCBR290PA - deep-set installation</p> <p>Horizontal L-shaped outer casing 588x648 mm</p> <p>WCBR290SF - flush installation WCBR290SA - deep-set installation</p> <p>Vertical L-shaped outer casing 634x634 mm</p>	<p>CODE DALI 54W/m BR2 ■ 111 ■ 0BD</p> <p>ON/OFF BR2 ■ 1 ■ 1 ■ 0B0</p> <hr/> <p>LENGTH 1 - 562 mm 2 - 842 mm 3 - 1122 mm 5 - 1682 mm 7 - 2242 mm 9 - 2802 mm</p> <p>POWER 0 - 27W/m 1 - 54W/m</p> <p>LED COLOUR F - 2700K 5 - 3000K 9 - 4000K</p>	<p>WRBR21D - 563 mm WRBR22D - 843 mm WRBR23D - 1123 mm WRBR25D - 1685 mm WRBR27D - 2246 mm WRBR29D - 2806 mm</p> <p>Diffuse optics</p> <p>WRBR21P - 563 mm WRBR22P - 843 mm WRBR23P - 1123 mm WRBR25P - 1685 mm WRBR27P - 2246 mm WRBR29P - 2806 mm</p> <p>Microprismatic optics</p>	<p>WHBR2000 Honeycomb louvre 562 mm version: 4 pieces honeycomb louvre 842 mm version: 6 pieces honeycomb louvre 1122 mm version: 8 pieces honeycomb louvre 1682 mm version: 12 pieces honeycomb louvre 2242 mm version: 16 pieces honeycomb louvre 2802 mm version: 20 pieces honeycomb louvre</p> <p>The honeycomb louvre can be fitted on diffuse optics and with outer casing for deep-set installation</p> <p>WABR201A Alignment kit for outer casings</p> <p>WF0321 Five-pin female connector</p> <p>WUBR2000 Casing filler kit</p> <p>WNBR001A Anti-fall kit for outer casings: WCBR25F, WCBR25A WCBR27F, WCBR27A WCBR29F, WCBR29A</p> <p>for spare parts, see p. 866</p>

BRENTA CUSTOM

ASSEMBLE BRENTA IN THE LENGTH YOU WANT



4  ACCESSORIES

▼
BRENTA 1
3000K, 19W/m, diffuse optics
installation flush with ceiling



642

L&L Luce&Light

1 OUTER CASING	BRENTA 1	BRENTA 2
Outer casing for flush installation see the standard outer casings on p. 639 and 641 to achieve the desired length, if necessary	WCBR17FC 2247 mm WCBR19FC 2807 mm h 80 mm	WCBR27FC 2247 mm WCBR29FC 2807 mm h 76 mm
Outer casing for deep-set installation – black see the standard outer casings on p. 639 and 641 to achieve the desired length, if necessary	WCBR17AC 2247 mm WCBR19AC 2807 mm h 95 mm	WCBR27AC 2247 mm WCBR29AC 2807 mm h 91 mm
Required outer casing, not included		

2 LIGHTING FIXTURE	BRENTA 1	BRENTA 2
	<p>CODE DALI 27W/m BR1 ■ 111 ■ 0BD ON/OFF BR1 ■ 1 ■ 1 ■ 0B0</p> <hr/> <p>■ LENGTH 1 - 562 mm 2 - 842 mm 3 - 1122 mm 5 - 1682 mm 7 - 2242 mm 9 - 2802 mm</p> <p>■ POWER 0 - 19W/m 1 - 27W/m</p> <p>■ LED COLOUR F - 2700K 5 - 3000K 9 - 4000K</p>	<p>CODE DALI 54W/m BR2 ■ 111 ■ 0BD ON/OFF BR2 ■ 1 ■ 1 ■ 0B0</p> <hr/> <p>■ LENGTH 1 - 562 mm 2 - 842 mm 3 - 1122 mm 5 - 1682 mm 7 - 2242 mm 9 - 2802 mm</p> <p>■ POWER 0 - 27W/m 1 - 54W/m</p> <p>■ LED COLOUR F - 2700K 5 - 3000K 9 - 4000K</p>

3 SCREEN	BRENTA 1	BRENTA 2
Diffuse optics	WRBR105D 5000 mm WRBR110D 10000 mm WRBR115D 15000 mm	WRBR205D 5000 mm WRBR210D 10000 mm WRBR215D 15000 mm
Microprismatic optics	WRBR105P 5000 mm WRBR110P 10000 mm WRBR115P 15000 mm	WRBR205P 5000 mm WRBR210P 10000 mm WRBR215P 15000 mm
Required screen, not included		

BRENTA CUSTOM

ASSEMBLE BRENTA IN THE LENGTH YOU WANT

4 ACCESSORIES

ACCESSORIES FOR INSTALLATION WITH CORNER



Horizontal L-shaped outer casing



Vertical L-shaped outer casing

BRENTA 1

WCBR190PF
Flush installation
WCBR190PA
Deep-set installation
588x620 mm

WCBR190SF
Flush installation
WCBR190SA
Deep-set installation
644x644 mm

BRENTA 2

WCBR290PF
Flush installation
WCBR290PA
Deep-set installation
588x648 mm

WCBR290SF
Flush installation
WCBR290SA
Deep-set installation
634x634 mm

ACCESSORIES FOR INSTALLATION

Alignment kit for outer casings

WABR101A

WABR201A

Connectors

WF0320
Three-pin female connector
WF0321
Five-pin female connector

WF0320
Three-pin female connector
WF0321
Five-pin female connector

Pair of end caps for outer casings

WABR100F
Flush installation
WABR100A
Deep-set installation

WABR200F
Flush installation
WABR200A
Deep-set installation

Pair of extractors for outer casings

WNB000A

WNB000A

Casing filler kit

WUBR1000

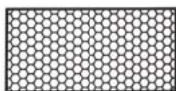
WUBR2000

Anti-fall kit

WNB001A
for outer casing:
WCBR15F, WCBR15A
WCBR17F, WCBR17A
WCBR19F, WCBR19A
WCBR17FC, WCBR17AC
WCBR19FC, WCBR19AC

WNB001A
for outer casing:
WCBR25F, WCBR25A
WCBR27F, WCBR27A
WCBR29F, WCBR29A
WCBR27FC, WCBR27AC
WCBR29FC, WCBR29AC

ANTI-GLARE ACCESSORIES



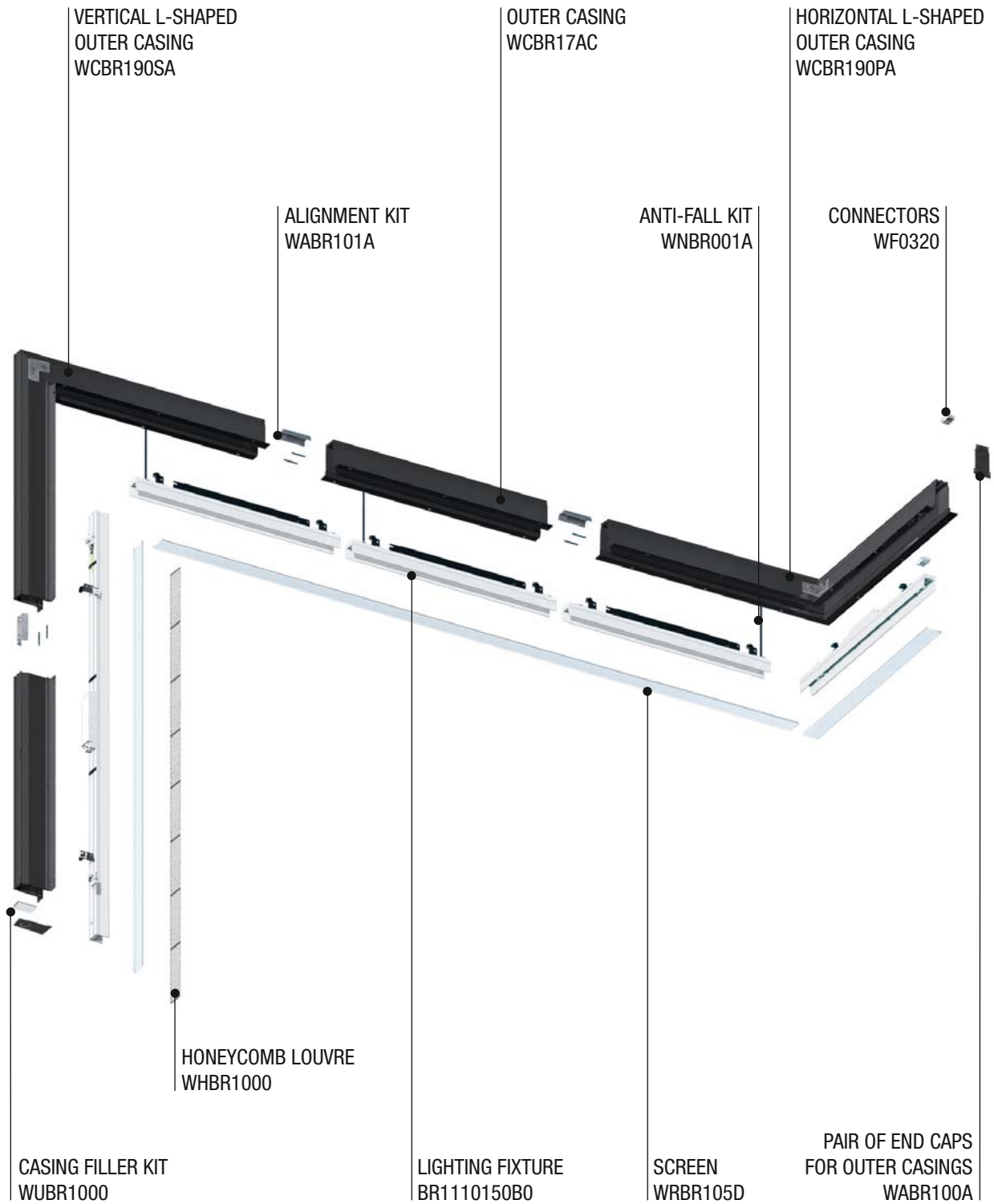
Honeycomb louvre

the honeycomb louvre can be fitted on diffuse optics and with outer casing for deep-set installation

WHBR1000
length: 140 mm

WHBR2000
length: 140 mm

EXAMPLE OF BRENTA CUSTOM 1 CONFIGURATION





SNACK

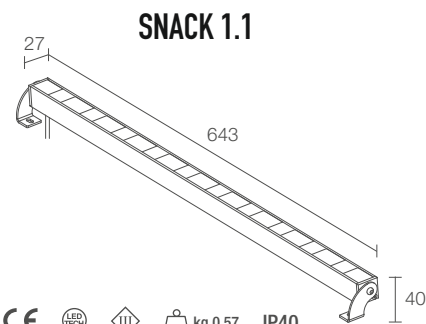
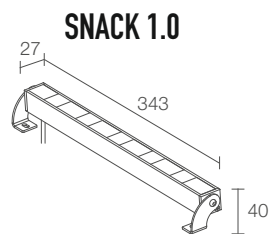
INDOOR LINEAR PROFILES
ON A BRACKET, WITH WHITE AND RGB LIGHT

	343 mm	643 mm 703 mm	943 mm 1063 mm	1243 mm 1423 mm
<p>DIFFUSE OR 60 mm PITCH</p> <p>2700K 3000K 4000K</p>   <p>ultra-narrow narrow medium elliptical diffuse</p>	 <p>SNACK 1.0 p. 648 5W 24Vdc (diffuse version) 9W 24Vdc (optics version)</p>	 <p>SNACK 1.1 p. 648 9W 24Vdc (diffuse version) 18W 24Vdc (optics version)</p>	 <p>SNACK 1.2 p. 649 14W 24Vdc (diffuse version) 27W 24Vdc (optics version)</p>	 <p>SNACK 1.3 p. 649 18W 24Vdc (diffuse version) 36W 24Vdc (optics version)</p>
<p>PITCH 120 mm</p> <p>2700K 3000K 4000K</p>   <p>ultra-narrow narrow medium elliptical</p>	 <p>SNACK 2.0 p. 650 6W 24Vdc</p>	 <p>SNACK 2.1 p. 650 11W 24Vdc</p>	 <p>SNACK 2.2 p. 651 16W 24Vdc</p>	 <p>SNACK 2.3 p. 651 22W 24Vdc</p>
<p>PITCH 120 mm</p> <p>RGB</p>   <p>narrow medium wide elliptical</p>	 <p>SNACK 3.0 p. 652 10W 24Vdc</p>	 <p>SNACK 3.1 p. 652 20W 24Vdc</p>	 <p>SNACK 3.2 p. 653 30W 24Vdc</p>	 <p>SNACK 3.3 p. 653 40W 24Vdc</p>



^
SNACK 1.1
 3000K, 18W, 10°x45°
 anodized grey

Project by / Atelier d'Architecture
 Emmanuel Nebout
 Photo by / Mathieu Ducros
 Le Kiasma, Castelnau-le-Lez, France



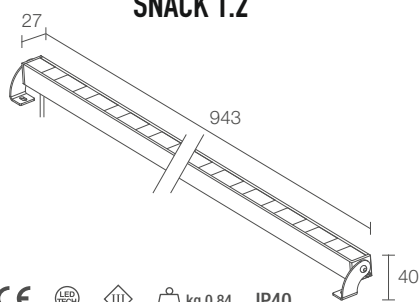
POWER / POWER SUPPLY CODE	5W 24Vdc 343 mm diffuse SK1000 ■ D B White SK1000 ■ D A Anodized grey 9W 24Vdc 343 mm pitch 60 SK1000 ■ B White SK1000 ■ A Anodized grey
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	T - 7° S - 10° F - 30° W - 10°x45°
LUMEN OUTPUT AT SOURCE	588 lm (3000K, diffuse version) 695 lm (3000K, optics version)
DELIVERED LUMEN OUTPUT	285 lm (3000K, diffuse optics) 425 lm (3000K, 30°)
NO. AND TYPE OF LED	power LED matrix 3-step MacAdam (diffuse version) 5 power LEDs, pitch 60 mm 2-step MacAdam (optics version) 50000h L90 B10 (Ta 25°C)
MATERIAL	body in anodized aluminium screen in opal polycarbonate (diffuse version) screen in transparent, serigraphed polycarbonate (optics version)
POWER SUPPLY UNIT	not included, see p. 847
POWER CABLES	includes 1.5 m PVC cable FROR 2x0.35 Ø3.5 mm
MOUNTING	surface mounted (ceiling, wall, floor)
NOTES	non-standard lengths available on request
PHOTOMETRIC DATA	see p. 816

POWER / POWER SUPPLY CODE	9W 24Vdc 643 mm diffuse SK1100 ■ D B White SK1100 ■ D A Anodized grey 18W 24Vdc 643 mm pitch 60 SK1100 ■ B White SK1100 ■ A Anodized grey
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	T - 7° S - 10° F - 30° W - 10°x45°
LUMEN OUTPUT AT SOURCE	1176 lm (3000K, diffuse version) 1390 lm (3000K, optics version)
DELIVERED LUMEN OUTPUT	570 lm (3000K, diffuse optics) 850 lm (3000K, 30°)
NO. AND TYPE OF LED	power LED matrix 3-step MacAdam (diffuse version) 10 power LEDs, pitch 60 mm 2-step MacAdam (optics version) 50000h L90 B10 (Ta 25°C)
MATERIAL	body in anodized aluminium screen in opal polycarbonate (diffuse version) screen in transparent, serigraphed polycarbonate (optics version)
POWER SUPPLY UNIT	not included, see p. 847
POWER CABLES	includes 1.5 m PVC cable FROR 2x0.35 Ø3.5 mm
MOUNTING	surface mounted (ceiling, wall, floor)
NOTES	non-standard lengths available on request
PHOTOMETRIC DATA	see p. 816

SNACK 1



SNACK 1.2



CE LED TECH III kg 0.84 IP40

A A+ A++ NTC

14W 24Vdc 943 mm diffuse
SK1200 ■ **D B** White
SK1200 ■ **D A** Anodized grey

27W 24Vdc 943 mm pitch 60
SK1200 ■ **B** White
SK1200 ■ **A** Anodized grey

■	F - 2700K 5 - 3000K 9 - 4000K
■	T - 7° S - 10° F - 30° W - 10°x45°

1764 lm (3000K, diffuse version)
 2085 lm (3000K, optics version)

855 lm (3000K, diffuse optics)
 1275 lm (3000K, 30°)

power LED matrix
 3-step MacAdam (diffuse version)
 15 power LEDs, pitch 60 mm
 2-step MacAdam (optics version)
 50000h L90 B10 (Ta 25°C)

body in anodized aluminium
 screen in opal polycarbonate (diffuse version)
 screen in transparent, serigraphed polycarbonate (optics version)

not included, see p. 847

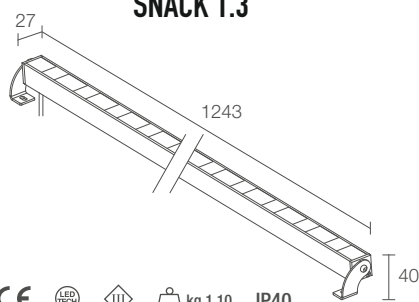
includes 1.5 m PVC cable
 FROR 2x0.35 Ø3.5 mm

surface mounted (ceiling, wall, floor)

non-standard lengths available on request

see p. 816

SNACK 1.3



CE LED TECH III kg 1.10 IP40

A A+ A++ NTC

18W 24Vdc 1243 mm diffuse
SK1300 ■ **D B** White
SK1300 ■ **D A** Anodized grey

36W 24Vdc 1243 mm pitch 60
SK1300 ■ **B** White
SK1300 ■ **A** Anodized grey

■	F - 2700K 5 - 3000K 9 - 4000K
■	T - 7° S - 10° F - 30° W - 10°x45°

2352 lm (3000K, diffuse version)
 2780 lm (3000K, optics version)

1140 lm (3000K, diffuse optics)
 1700 lm (3000K, 30°)

power LED matrix
 3-step MacAdam (diffuse version)
 20 power LEDs, pitch 60 mm
 2-step MacAdam (optics version)
 50000h L90 B10 (Ta 25°C)

body in anodized aluminium
 screen in opal polycarbonate (diffuse version)
 screen in transparent, serigraphed polycarbonate (optics version)

not included, see p. 847

includes 1.5 m PVC cable
 FROR 2x0.35 Ø3.5 mm

surface mounted (ceiling, wall, floor)

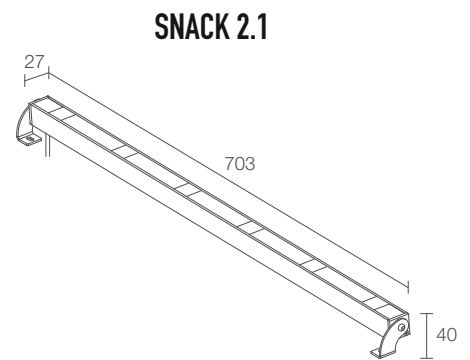
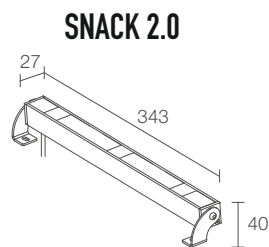
non-standard lengths available on request

see p. 816



^
SNACK 2.1
 2700K, 11W, 10°x45°
 anodized grey
SNACK 2.3
 2700K, 22W, 10°x45°
 anodized grey

Project by / Elastic Architects
 Light planning by / Thanos Danilof
 Sofitel Athens Airport
 Spata, Athens, Greece



CE LED TECH III kg 0.30 IP40
 A A+ A++ NTC

CE LED TECH III kg 0.57 IP40
 A A+ A++ NTC

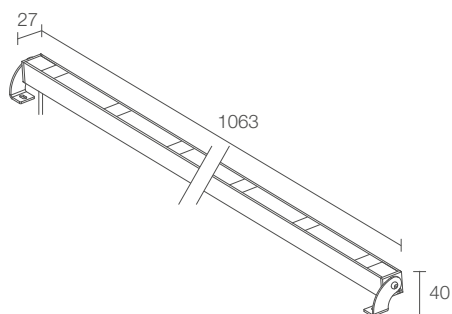
POWER / POWER SUPPLY CODE	6W 24Vdc 343 mm pitch 120 SK2000 ■ ■ B White SK2000 ■ ■ A Anodized grey
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	T - 7° S - 10° F - 30° W - 10°x45°
LUMEN OUTPUT AT SOURCE	417 lm (3000K)
DELIVERED LUMEN OUTPUT	255 lm (3000K, 30°)
NO. AND TYPE OF LED	3 power LEDs, pitch 120 mm 2-step MacAdam 50000h L90 B10 (Ta 25°C)
MATERIAL	body in anodized aluminium screen in transparent, serigraphed polycarbonate
POWER SUPPLY UNIT	not included, see p. 847
POWER CABLES	includes 1.5 m PVC cable FROR 2x0.35 Ø3.5 mm
MOUNTING	surface mounted (ceiling, wall, floor)
NOTES	non-standard lengths available on request
PHOTOMETRIC DATA	see p. 816

POWER / POWER SUPPLY CODE	11W 24Vdc 703 mm pitch 120 SK2100 ■ ■ B White SK2100 ■ ■ A Anodized grey
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	T - 7° S - 10° F - 30° W - 10°x45°
LUMEN OUTPUT AT SOURCE	835 lm (3000K)
DELIVERED LUMEN OUTPUT	510 lm (3000K, 30°)
NO. AND TYPE OF LED	6 power LEDs, pitch 120 mm 2-step MacAdam 50000h L90 B10 (Ta 25°C)
MATERIAL	body in anodized aluminium screen in transparent, serigraphed polycarbonate
POWER SUPPLY UNIT	not included, see p. 847
POWER CABLES	includes 1.5 m PVC cable FROR 2x0.35 Ø3.5 mm
MOUNTING	surface mounted (ceiling, wall, floor)
NOTES	non-standard lengths available on request
PHOTOMETRIC DATA	see p. 816

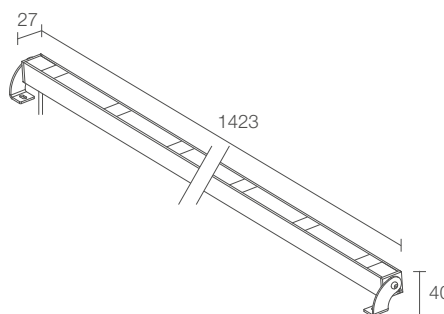
SNACK 2



SNACK 2.2



SNACK 2.3



CE LED TECH III kg 0.84 IP40
A A+ A++ NTC

16W 24Vdc 1063 mm pitch 120
SK2200 B White
SK2200 A Anodized grey

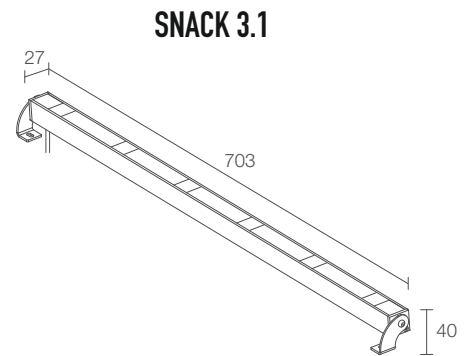
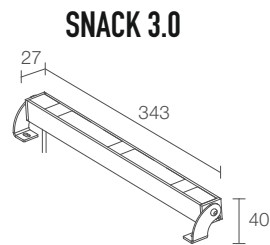
<ul style="list-style-type: none"> F - 2700K 5 - 3000K 9 - 4000K
<ul style="list-style-type: none"> T - 7° S - 10° F - 30° W - 10°x45°
1252 lm (3000K)
765 lm (3000K, 30°)
9 power LEDs, pitch 120 mm 2-step MacAdam 50000h L90 B10 (Ta 25°C)
body in anodized aluminium screen in transparent, serigraphed polycarbonate
not included, see p. 847
includes 1.5 m PVC cable FROR 2x0.35 Ø3.5 mm
surface mounted (ceiling, wall, floor)
non-standard lengths available on request
see p. 816

CE LED TECH III kg 1.10 IP40
A A+ A++ NTC

22W 24Vdc 1423 mm pitch 120
SK2300 B White
SK2300 A Anodized grey

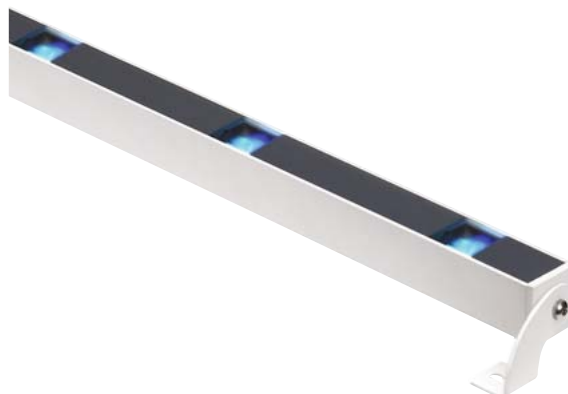
<ul style="list-style-type: none"> F - 2700K 5 - 3000K 9 - 4000K
<ul style="list-style-type: none"> T - 7° S - 10° F - 30° W - 10°x45°
1670 lm (3000K)
1020 lm (3000K, 30°)
12 power LEDs, pitch 120 mm 2-step MacAdam 50000h L90 B10 (Ta 25°C)
body in anodized aluminium screen in transparent, serigraphed polycarbonate
not included, see p. 847
includes 1.5 m PVC cable FROR 2x0.35 Ø3.5 mm
surface mounted (ceiling, wall, floor)
non-standard lengths available on request
see p. 816

SNACK 3

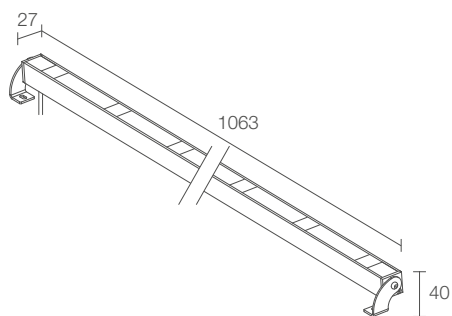


POWER / POWER SUPPLY CODE	10W 24Vdc 343 mm pitch 120 SK3000 6 B White SK3000 6 A Anodized grey
OPTICS	S - 18° M - 26° L - 32° W - 22°x42°
LED COLOUR	RGB
LUMEN OUTPUT AT SOURCE	870 lm, R: 145 lm G: 435 lm B: 290 lm
DELIVERED LUMEN OUTPUT	458 lm, R: 76 lm G: 229 lm B: 153 lm (26°)
NO. AND TYPE OF LED	3 RGB LED groups pitch 120 mm 50000h L90 B10 (Ta 25°C)
MATERIAL	body in anodized aluminium screen in transparent, serigraphed polycarbonate
POWER SUPPLY UNIT	not included, see p. 847 and 855
POWER CABLES	includes 1.5 m PVC cable, FROR 4x0.50 Ø5.0 mm
MOUNTING	surface mounted (ceiling, wall, floor)
NOTES	non-standard lengths available on request
PHOTOMETRIC DATA	see p. 817

POWER / POWER SUPPLY CODE	20W 24Vdc 703 mm pitch 120 SK3100 6 B White SK3100 6 A Anodized grey
OPTICS	S - 18° M - 26° L - 32° W - 22°x42°
LED COLOUR	RGB
LUMEN OUTPUT AT SOURCE	1740 lm, R: 290 lm G: 870 lm B: 580 lm
DELIVERED LUMEN OUTPUT	916 lm, R: 152 lm G: 458 lm B: 306 lm (26°)
NO. AND TYPE OF LED	6 RGB LED groups pitch 120 mm 50000h L90 B10 (Ta 25°C)
MATERIAL	body in anodized aluminium screen in transparent, serigraphed polycarbonate
POWER SUPPLY UNIT	not included, see p. 847 and 855
POWER CABLES	includes 1.5 m PVC cable, FROR 4x0.50 Ø5.0 mm
MOUNTING	surface mounted (ceiling, wall, floor)
NOTES	non-standard lengths available on request
PHOTOMETRIC DATA	see p. 817



SNACK 3.2



kg 0.84 IP40

30W 24Vdc 1063 mm pitch 120
SK3200 6 B White
SK3200 6 A Anodized grey

S - 18°
M - 26°
L - 32°
W - 22°x42°

RGB

2953 lm, R: 434 lm G: 1303 lm B: 1216 lm

1374 lm, R: 228 lm G: 687 lm B: 459 lm (26°)

9 RGB LED groups pitch 120 mm
50000h L90 B10 (Ta 25°C)

body in anodized aluminium
screen in transparent, serigraphed polycarbonate

not included, see p. 847 and 855

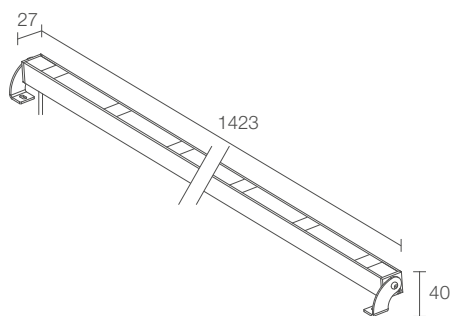
includes 1.5 m PVC cable,
FROR 4x0.50 Ø5.0 mm

surface mounted (ceiling, wall, floor)

non-standard lengths available on request

see p. 817

SNACK 3.3



kg 1.10 IP40

40W 24Vdc 1423 mm pitch 120
SK3300 6 B White
SK3300 6 A Anodized grey

S - 18°
M - 26°
L - 32°
W - 22°x42°

RGB

3935 lm, R: 578 lm G: 1736 lm B: 1621 lm

1832 lm, R: 304 lm G: 916 lm B: 612 lm (26°)

12 RGB LED groups pitch 120 mm
50000h L90 B10 (Ta 25°C)

body in anodized aluminium
screen in transparent, serigraphed polycarbonate

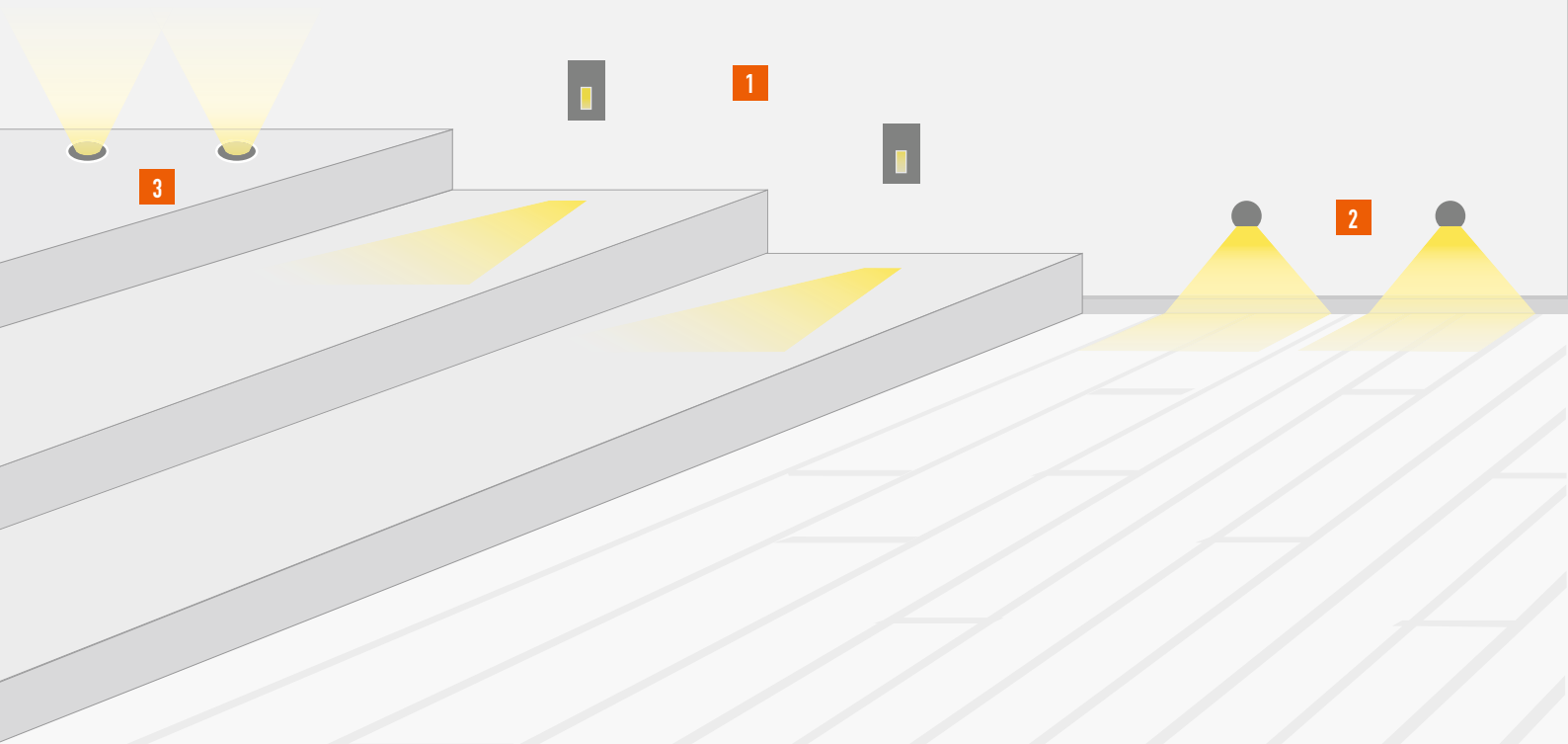
not included, see p. 847 and 855

includes 1.5 m PVC cable,
FROR 4x0.50 Ø5.0 mm

surface mounted (ceiling, wall, floor)

non-standard lengths available on request

see p. 817



1 LINE p. 656

2 STEP INSIDE p. 662

3 SIMPLY p. 668

STEP LIGHTS

FOR INDOOR APPLICATIONS



LINE
see p. 656



STEP INSIDE
see p. 662



SIMPLY
see p. 668

APPLICATION		stairs and corridors	orientation light	orientation light
MOUNTING	RECESSED			
	SEMI-RECESSED			
LUMINOUS INTENSITY				
LIGHT COLOUR		 2700K 3000K 4000K 5000K blue	 2700K 3000K 4000K 5000K blue	 2700K 3000K 4000K 5000K blue
SHAPE				
POWER SUPPLY	CONSTANT CURRENT power supply unit not included	max 500mA	max 500mA	max 220mA
	CONSTANT VOLTAGE power supply unit not included		24Vdc	
IP		IP20	IP40	IP44
APPLIANCE CLASS				



LINE

INDOOR STEP LIGHTS
LIGHTING FOR STAIRS AND CORRIDORS



diffuse



60x70 mm
max 2W max 500mA

RECESSED IN
SOLID WALLS



LINE 1.0 p. 658

RECESSED IN
PLASTERBOARD WALLS



LINE 1.1 p. 658

55x160 mm
max 2W max 500mA



LINE 2.0 p. 659



LINE 2.1 p. 659

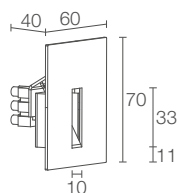
< LINE 1.0
3000K, 2W, satin

Interior design by / Cristian Turra
Photo by / Alessio Tamborini
Private residence, Brescia, Italy

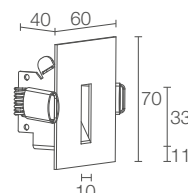
LINE 1



LINE 1.0



LINE 1.1



Required outer casing, not included



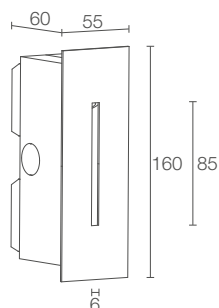
POWER / POWER SUPPLY CODE	max 2W max 500mA FL1270 D B White FL1270 D S Satin FL1270 D T Cor-ten
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue
OPTICS	diffuse
LUMEN OUTPUT AT SOURCE	145 lm (3000K, 500mA)
DELIVERED LUMEN OUTPUT	32 lm (3000K, 500mA)
NO. AND TYPE OF LED	1 power LED 1/4 ANSI BIN (white LED colour) 50000h L90 B10 (Ta 25°C)
MATERIAL	body and cover in steel
POWER SUPPLY UNIT	not included, see p. 660 and 844
POWER CABLES	terminal block
WIRING	series
MOUNTING	recessed (solid walls)
ACCESSORIES	see p. 660
PHOTOMETRIC DATA	see p. 779

	max 2W max 500mA LN1112 A B White LN1112 A S Satin LN1112 A T Cor-ten
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue
OPTICS	diffuse
LUMEN OUTPUT AT SOURCE	145 lm (3000K, 500mA)
DELIVERED LUMEN OUTPUT	32 lm (3000K, 500mA)
NO. AND TYPE OF LED	1 power LED 1/4 ANSI BIN (white LED colour) 50000h L90 B10 (Ta 25°C)
MATERIAL	body and cover in steel
POWER SUPPLY UNIT	not included, see p. 660 and 844
POWER CABLES	terminal block
WIRING	series
MOUNTING	recessed (plasterboard)
ACCESSORIES	none
PHOTOMETRIC DATA	see p. 779

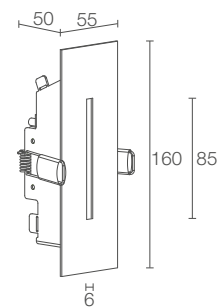
LINE 2



LINE 2.0



LINE 2.1



Required outer casing, not included



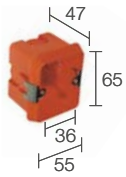
POWER / POWER SUPPLY CODE	max 2W max 500mA LN2012 A B White LN2012 A S Satin LN2012 A T Cor-ten
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue
OPTICS	diffuse
LUMEN OUTPUT AT SOURCE	145 lm (3000K, 500mA)
DELIVERED LUMEN OUTPUT	42 lm (3000K, 500mA)
NO. AND TYPE OF LED	1 power LED 1/4 ANSI BIN (white LED colour) 50000h L90 B10 (Ta 25°C)
MATERIAL	body and cover in steel
POWER SUPPLY UNIT	not included, see p. 660 and 844
POWER CABLES	terminal block
WIRING	series
MOUNTING	recessed (solid walls)
ACCESSORIES	see p. 660
PHOTOMETRIC DATA	see p. 779

POWER / POWER SUPPLY CODE	max 2W max 500mA LN2112 A B White LN2112 A S Satin LN2112 A T Cor-ten
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue
OPTICS	diffuse
LUMEN OUTPUT AT SOURCE	145 lm (3000K, 500mA)
DELIVERED LUMEN OUTPUT	42 lm (3000K, 500mA)
NO. AND TYPE OF LED	1 power LED 1/4 ANSI BIN (white LED colour) 50000h L90 B10 (Ta 25°C)
MATERIAL	body and cover in steel
POWER SUPPLY UNIT	not included, see p. 660 and 844
POWER CABLES	terminal block
WIRING	series
MOUNTING	recessed (plasterboard)
ACCESSORIES	none
PHOTOMETRIC DATA	see p. 779

LINE

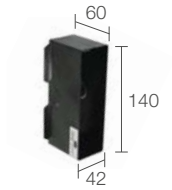
ACCESSORIES AND POWER SUPPLY UNITS

ACCESSORIES FOR INSTALLATION



WC0300

Outer casing for solid walls
(Line 1.0)



WC1600

Outer casing for solid walls
(Line 2.0)

POWER SUPPLY UNITS

350mA

Max no. fixtures	PSU	IP	Page
1/3	A13350VL	20	845
1/15	ACUNI020T1	20	844 845
3/9	A19350QL	20	845
5/12	A312350QL	20	845
1/12 dimmer	ADUNITC	20	848 849 850

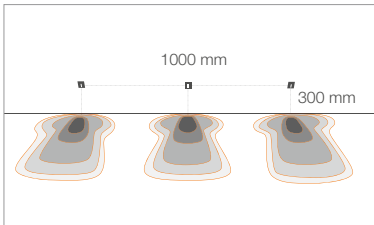
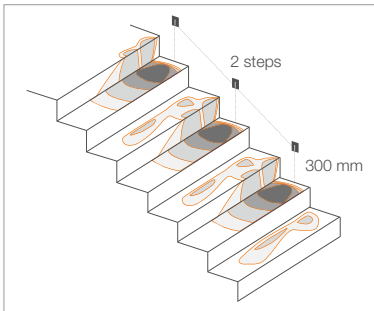
500mA

Max no. fixtures	PSU	IP	Page
1/3	A13500TC	20	845
1/10	ACUNI020T1	20	844 845
2/5	A15500QL	20	845
5/10	A310500QL	20	845
1/12 dimmer	ADUNITC	20	848 849 850

POSITIONING DIAGRAMS

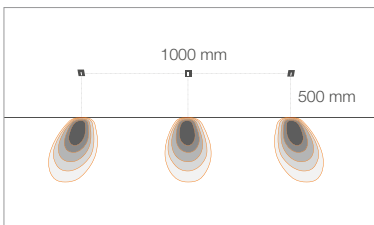
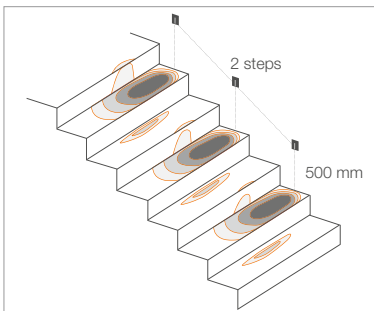
LINE 1.0 / 1.1

D - Diffuse



LINE 2.0 / 2.1

D - Diffuse





STEP INSIDE

INDOOR STEP LIGHTS
ORIENTATION LIGHT

SEMI-RECESSED



2700K 3000K 4000K 5000K blue



diffuse

CONSTANT CURRENT
max 2W max 500mA

CONSTANT VOLTAGE
2W 24Vdc

SQUARE COVER



STEP INSIDE 2.2 p. 664



STEP INSIDE 2.8 p. 665

ROUND COVER



STEP INSIDE 2.3 p. 664

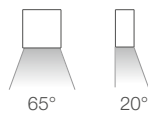
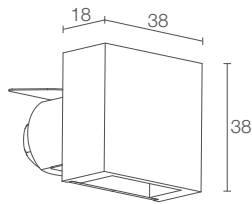


STEP INSIDE 2.9 p. 665

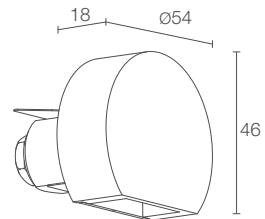
STEP INSIDE



STEP INSIDE 2.2



STEP INSIDE 2.3

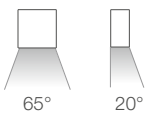
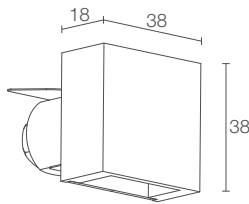


POWER / POWER SUPPLY CODE	max 2W max 500mA SP2212 D E White SP2212 D C Chrome SP2212 D S Satin SP2212 D N Black SP2212 D T Cor-ten SP2212 D 4 Light ivory
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue
OPTICS	diffuse
LUMEN OUTPUT AT SOURCE	145 lm (3000K, 500mA)
DELIVERED LUMEN OUTPUT	35 lm (3000K, 500mA)
NO. AND TYPE OF LED	1 power LED 1/4 ANSI BIN (white LED colour) 50000h L90 B10 (Ta 25°C)
MATERIAL	body and cover in aluminium screen in transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 666 and 844
POWER CABLES	includes 1.5 m PVC cable FROR 2x0.35/0.35 Ø3.5 mm
WIRING	series
MOUNTING	semi-recessed (wall)
ACCESSORIES	see p. 666
NOTES	outdoor version: Step Outside 2.0, p. 362
PHOTOMETRIC DATA	see p. 821

POWER / POWER SUPPLY CODE	max 2W max 500mA SP2312 D E White SP2312 D C Chrome SP2312 D S Satin SP2312 D N Black SP2312 D T Cor-ten SP2312 D 4 Light ivory
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue
OPTICS	diffuse
LUMEN OUTPUT AT SOURCE	145 lm (3000K, 500mA)
DELIVERED LUMEN OUTPUT	35 lm (3000K, 500mA)
NO. AND TYPE OF LED	1 power LED 1/4 ANSI BIN (white LED colour) 50000h L90 B10 (Ta 25°C)
MATERIAL	body and cover in aluminium screen in transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 666 and 844
POWER CABLES	includes 1.5 m PVC cable FROR 2x0.35/0.35 Ø3.5 mm
WIRING	series
MOUNTING	semi-recessed (wall)
ACCESSORIES	see p. 666
NOTES	outdoor version: Step Outside 2.1, p. 362
PHOTOMETRIC DATA	see p. 821



STEP INSIDE 2.8



2W 24Vdc
SP2800 D E White
SP2800 D C Chrome
SP2800 D S Satin
SP2800 D N Black
SP2800 D T Cor-ten
SP2800 D 4 Light ivory

■ **F** - 2700K
5 - 3000K
9 - 4000K
0 - 5000K
1 - blue

diffuse

145 lm (3000K)

35 lm (3000K)

1 power LED
 1/4 ANSI BIN (white LED colour)
 50000h L90 B10 (Ta 25°C)

body and cover in aluminium
 screen in transparent extra-clear glass

not included, see p. 666

includes 1.5 m PVC cable
 FROR 2x0.35/0.35 Ø3.5 mm

parallel

semi-recessed (wall)

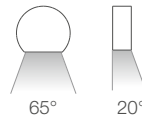
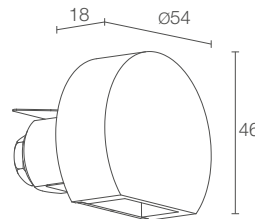
see p. 666

outdoor version: Step Outside 2.6, p. 363

see p. 821



STEP INSIDE 2.9



2W 24Vdc
SP2900 D E White
SP2900 D C Chrome
SP2900 D S Satin
SP2900 D N Black
SP2900 D T Cor-ten
SP2900 D 4 Light ivory

■ **F** - 2700K
5 - 3000K
9 - 4000K
0 - 5000K
1 - blue

diffuse

145 lm (3000K)

35 lm (3000K)

1 power LED
 1/4 ANSI BIN (white LED colour)
 50000h L90 B10 (Ta 25°C)

body and cover in aluminium
 screen in transparent extra-clear glass

not included, see p. 666

includes 1.5 m PVC cable
 FROR 2x0.35/0.35 Ø3.5 mm

parallel

semi-recessed (wall)

see p. 666

outdoor version: Step Outside 2.7, p. 363

see p. 821

STEP INSIDE

ACCESSORIES AND POWER SUPPLY UNITS

ACCESSORIES FOR INSTALLATION



WC0202

Outer casing for solid walls

POWER SUPPLY UNITS Step Inside 2.2 / 2.3

350mA

Max no. fixtures	PSU	IP	Page
1/3	A13350VL	20	845
1/15	ACUNI020T1	20	844 845
3/9	A19350QL	20	845
5/12	A312350QL	20	845
1/12 dimmer	ADUNITC	20	848 849 850
2/6	A16350IP67	67	845
5/12	A312350IP67	67	845

500mA

Max no. fixtures	PSU	IP	Page
1/3	A13500TC	20	845
1/10	ACUNI020T1	20	844 845
2/5	A15500QL	20	845
5/10	A310500QL	20	845
1/12 dimmer	ADUNITC	20	848 849 850
1/4	A14500IP67	67	845
5/10	A310500IP67	67	845

POWER SUPPLY UNITS Step Inside 2.8 / 2.9

Max no. fixtures	PSU	IP	Page
1...n	24Vdc	20	847
1...n	24Vdc	67	847

STANDARD FINISHES



White



Chrome



Satin



Black



Cor-ten



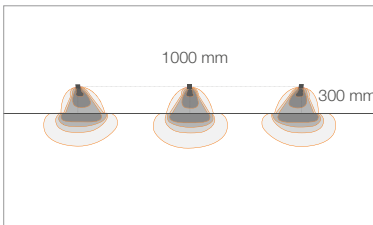
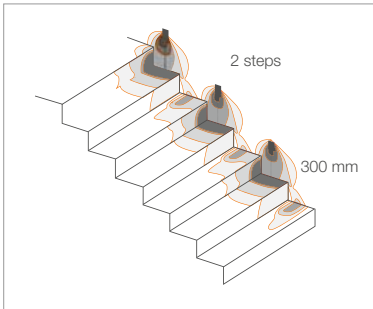
Light ivory



POSITIONING DIAGRAMS

STEP INSIDE 2.2 / 2.3 / 2.8 / 2.9

D - Diffuse



▼
STEP INSIDE 2.3
3000K, 2W, white



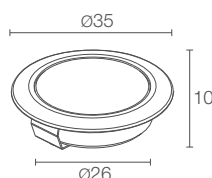


SIMPLY

INDOOR UPLIGHT ORIENTATION LIGHT



SIMPLY 1.0



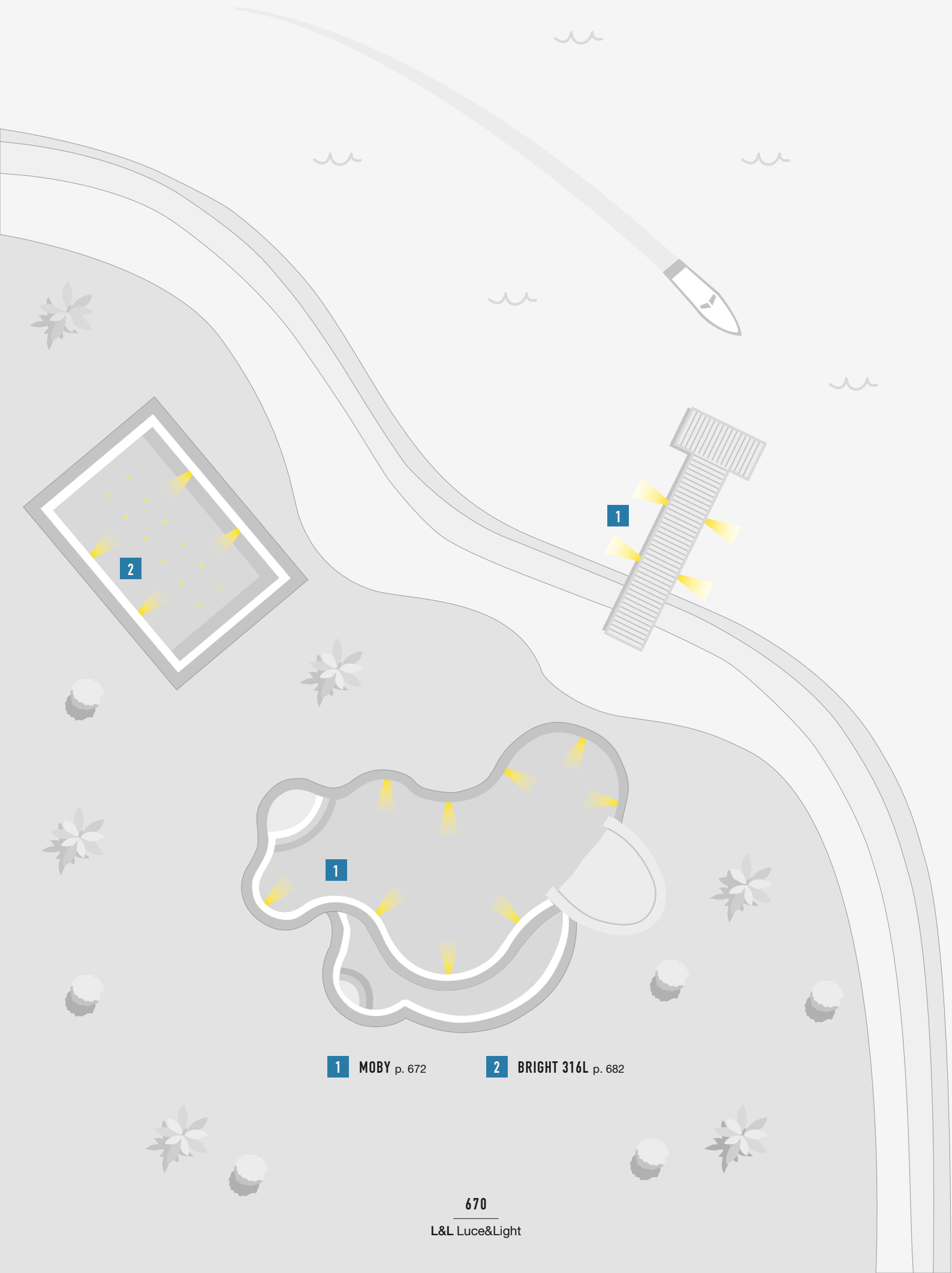
kg 0.03 IP44

A A+ A++ T max 40°C

POWER / POWER SUPPLY CODE	max 1W max 220mA SM1011 D C Chrome SM1011 D P Pearl chrome												
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue												
OPTICS	diffuse												
LUMEN OUTPUT AT SOURCE	75 lm (3000K, 220mA)												
DELIVERED LUMEN OUTPUT	37 lm (3000K, 220mA)												
NO. AND TYPE OF LED	1 power LED 1/4 ANSI BIN (white LED colour) 50000h L95 B10 (Ta 25°C)												
MATERIAL	body and trim in anodized aluminium screen in opal polycarbonate												
POWER SUPPLY UNIT	not included												
	<table border="1"> <thead> <tr> <th>Max no. fixtures</th> <th>PSU</th> <th>IP</th> <th>Page</th> </tr> </thead> <tbody> <tr> <td>1/9</td> <td>A19220TC</td> <td>20</td> <td>844</td> </tr> <tr> <td>1/12 dimmer</td> <td>ADUNITC</td> <td>20</td> <td>848 849 850</td> </tr> </tbody> </table>	Max no. fixtures	PSU	IP	Page	1/9	A19220TC	20	844	1/12 dimmer	ADUNITC	20	848 849 850
Max no. fixtures	PSU	IP	Page										
1/9	A19220TC	20	844										
1/12 dimmer	ADUNITC	20	848 849 850										
POWER CABLES	includes 2x0.30 m single-core cables												
WIRING	series												
MOUNTING	recessed (ceiling, wall, floor)												
PHOTOMETRIC DATA	see p. 807												

< SIMPLY 1.0
3000K, 1W, pearl chrome

Project and light planning by / DVDV Studio architetti
Photo by / Alessio Tamborini
Private residence, Milan, Italy



1 MOBY p. 672

2 BRIGHT 316L p. 682

RECESSED

FOR UNDERWATER APPLICATIONS

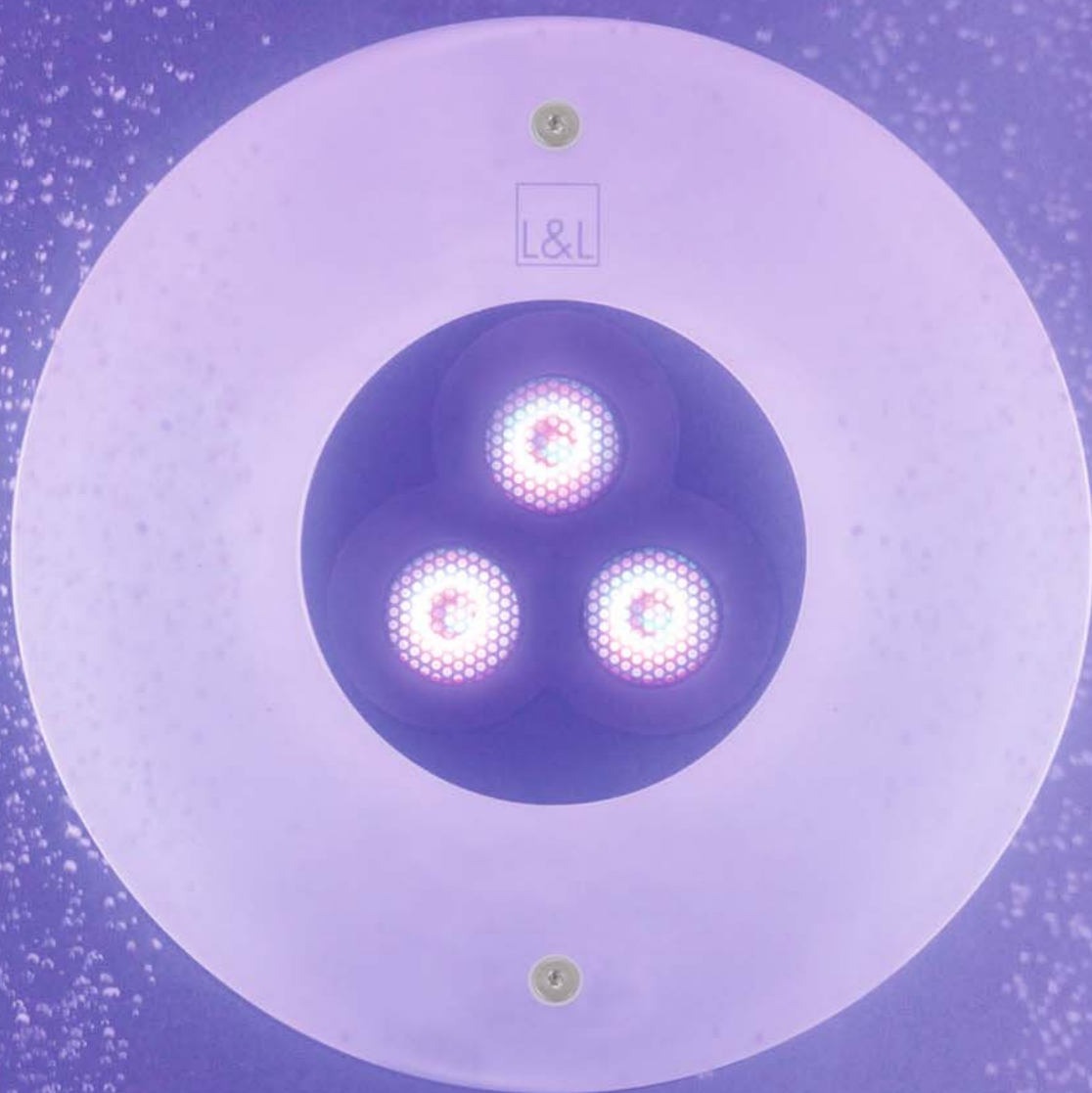


MOBY
see p. 672



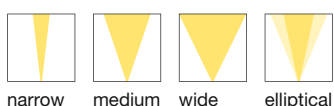
BRIGHT 316L
see p. 682

BEAM	DIFFUSE VERSION		•
	OPTICS VERSION	•	•
LIGHT COLOUR		 2700K 3000K 4000K RGBW cyan	 2700K 3000K 4000K 5000K blue RGB
POWER SUPPLY	CONSTANT CURRENT power supply unit not included		max 500mA (blue/white/RGB light)
	CONSTANT VOLTAGE power supply unit not included	24Vdc	12Vdc (RGB light) 24Vdc (blue/white light)
APPLIANCE CLASS		◊III	◊III
UNIQUE SELLING POINTS	glass cover with vitrified serigraphy suitable for use in seawater		



MOBY

PERMANENT UNDERWATER RECESSED
WHITE, RGBW AND CYAN LIGHTING SCENES IN POOLS AND FOUNTAINS

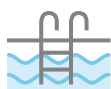


9W 24Vdc
Ø180 mm

20W 24Vdc
Ø232 mm

30W 24Vdc
Ø270 mm

TRIM IN AISI 316L STAINLESS STEEL



MOBY 1.0 p. 676



MOBY 2.0 p. 677



MOBY 3.0 p. 679

GLASS COVER WITH
VITRIFIED SERIGRAPHY



MOBY 1.1 p. 676



MOBY 2.1 p. 677



MOBY 3.1 p. 679



BUILT-IN PROTECTION SYSTEMS:

**IPS
INTELLIGENT
PROTECTION
SYSTEM**

**NTC
BUILT-IN
TEMPERATURE SENSOR**



IF THE CYAN LED COLOUR IS SELECTED, IT IS POSSIBLE TO PLAY AROUND WITH ITS DIFFERENT SHADES, FROM TURQUOISE TO AZURE TO AQUAMARINE, BY BLENDING THE GREEN AND BLUE LED COLOURS



FOR PROJECTOR
VERSION MOBY P
P. 694

MOBY

UNIQUE SELLING POINTS

INSTALLATION IN SWIMMING
POOLS AND FOUNTAINS AT GREAT
DEPTHS: UP TO 10 M



ANTI-GLARE
RECESSED OPTICS

THE GLASS'S THICKNESS
OF UP TO 16 MM
GUARANTEES MAXIMUM
IMPACT RESISTANCE



THE HIGH-TRANSMITTANCE,
TEMPERED, TRANSPARENT
EXTRA-CLEAR GLASS
WITH VITRIFIED SERIGRAPHY
AND THE MIXING CHAMBER
ENSURE CHROMATIC
UNIFORMITY OF THE WHITE,
RGBW AND CYAN LIGHT

THERMALLY CONDUCTIVE
TECHNOPOLYMER FOR EFFICIENT HEAT
DISSIPATION AND TO PROTECT THE
DEVICE FROM THE HIGHLY CORROSIVE
SUBSTANCES FOUND IN WATER:
CHLORINE (SWIMMING POOLS), SULPHUR
(SPAS), AND SODIUM CHLORIDE
AND OTHER SALTS (SEAWATER).
SALT SPRAY TESTED (OVER 1500 HOURS)



VERSION WITH TRIM IN
MICROBLASTED, PASSIVATED
AND ELECTROPOLISHED
AISI 316L STAINLESS STEEL,
PRODUCED ENTIRELY ON
A CNC LATHE: THE BEST
CORROSION TREATMENT



VERSION WITH COVER
IN GLASS WITH VITRIFIED
SERIGRAPHY TO BLEND IN
WITH THE UNDERWATER
CLADDING: SUITABLE FOR USE
IN SEAWATER, POOLS AND SPAS



INSTALLATION KIT SPECIFICALLY FOR
SWIMMING POOLS WITH LINERS
(MOBY WITH TRIM IN STAINLESS STEEL)



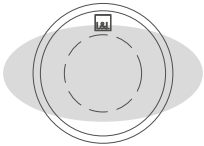
MOBY 1



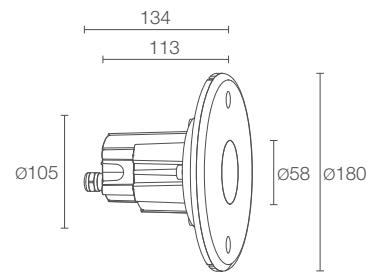
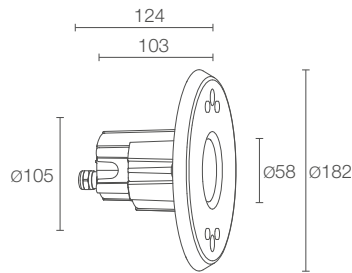
MOBY 1.0



MOBY 1.1



31°x64° optics



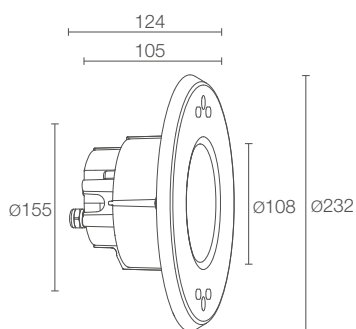
POWER / POWER SUPPLY CODE	9W 24Vdc MY1000 ■ ■ I Micro-blasted stainless steel
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 7 - RGBW Y - shades of cyan
OPTICS	S - 22° M - 34° L - 62° W - 31°x64°
LUMEN OUTPUT AT SOURCE	507 lm (3000K) RGBW: 295 lm, R: 47 lm G: 85 lm B: 24 lm W: 139 lm (4000K) cyan: 260 lm
DELIVERED LUMEN OUTPUT	359 lm (3000K, 34°) RGBW: 208 lm, R: 33 lm G: 61 lm B: 16 lm W: 98 lm (4000K, 34°) cyan: 184 lm (34°)
NO. AND TYPE OF LED	1 power LED group, 2-step MacAdam RGBW: 1 RGBW power LED group cyan: 1 cyan power LED group 50000h L90 B10 (Ta 25°C)
MATERIAL	body in thermally conductive plastic trim in AISI 316L stainless steel screen in tempered, transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 680
POWER CABLES	includes 5 m neoprene cable H05RN-F 2x1.00 Ø6.8 mm RGBW, cyan: includes 5 m FEP+RUB cable (equivalent to H05RN-F) 6x0.50 Ø6.3 mm
MOUNTING	recessed (wall) max depth 10 m
ACCESSORIES	see p. 680
NOTES	not suitable for use in salt water only suitable for underwater applications projector version: Moby P 1.0, p. 696
PHOTOMETRIC DATA	see p. 787

POWER / POWER SUPPLY CODE	9W 24Vdc MY1100 ■ ■ V Glass
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 7 - RGBW Y - shades of cyan
OPTICS	S - 22° M - 34° L - 62° W - 31°x64°
LUMEN OUTPUT AT SOURCE	507 lm (3000K) RGBW: 295 lm, R: 47 lm G: 85 lm B: 24 lm W: 139 lm (4000K) cyan: 260 lm
DELIVERED LUMEN OUTPUT	359 lm (3000K, 34°) RGBW: 208 lm, R: 33 lm G: 61 lm B: 16 lm W: 98 lm (4000K, 34°) cyan: 184 lm (34°)
NO. AND TYPE OF LED	1 power LED group, 2-step MacAdam RGBW: 1 RGBW power LED group cyan: 1 cyan power LED group 50000h L90 B10 (Ta 25°C)
MATERIAL	body in thermally conductive plastic glass cover with vitrified serigraphy
POWER SUPPLY UNIT	not included, see p. 680
POWER CABLES	includes 5 m neoprene cable H05RN-F 2x1.00 Ø6.8 mm RGBW, cyan: includes 5 m FEP+RUB cable (equivalent to H05RN-F) 6x0.50 Ø6.3 mm
MOUNTING	recessed (wall) max depth 10 m
ACCESSORIES	see p. 680
NOTES	suitable for use in salt water only suitable for underwater applications projector version: Moby P 1.1, p. 696
PHOTOMETRIC DATA	see p. 787

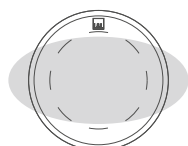
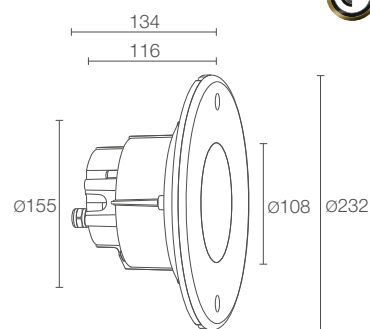
MOBY 2



MOBY 2.0



MOBY 2.1



31°x64° optics



POWER / POWER SUPPLY CODE	20W 24Vdc MY2000 I Micro-blasted stainless steel
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 7 - RGBW Y - shades of cyan
OPTICS	S - 22° M - 34° L - 62° W - 31°x64°
LUMEN OUTPUT AT SOURCE	1522 lm (3000K) RGBW: 884 lm, R: 138 lm G: 259 lm B: 69 lm W: 418 lm (4000K) cyan: 782 lm
DELIVERED LUMEN OUTPUT	1078 lm (3000K, 34°) RGBW: 626 lm, R: 97 lm G: 184 lm B: 48 lm W: 297 lm (4000K, 34°) cyan: 552 lm (34°)
NO. AND TYPE OF LED	3 power LED groups, 2-step MacAdam RGBW: 3 RGBW power LED groups cyan: 3 cyan power LED groups 50000h L90 B10 (Ta 25°C)
MATERIAL	body in thermally conductive plastic trim in AISI 316L stainless steel screen in tempered, transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 680
POWER CABLES	includes 5 m neoprene cable H05RN-F 2x1.00 Ø6.8 mm RGBW, cyan: includes 5 m FEP+RUB cable (equivalent to H05RN-F) 6x0.50 Ø6.3 mm
MOUNTING	recessed (wall) max depth 10 mm
ACCESSORIES	see p. 680
NOTES	not suitable for use in salt water only suitable for underwater applications projector version: Moby P 2.0, p. 697
PHOTOMETRIC DATA	see p. 787

POWER / POWER SUPPLY CODE	20W 24Vdc MY2100 V Glass
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 7 - RGBW Y - shades of cyan
OPTICS	S - 22° M - 34° L - 62° W - 31°x64°
LUMEN OUTPUT AT SOURCE	1522 lm (3000K) RGBW: 884 lm, R: 138 lm G: 259 lm B: 69 lm W: 418 lm (4000K) cyan: 782 lm
DELIVERED LUMEN OUTPUT	1078 lm (3000K, 34°) RGBW: 626 lm, R: 97 lm G: 184 lm B: 48 lm W: 297 lm (4000K, 34°) cyan: 552 lm (34°)
NO. AND TYPE OF LED	3 power LED groups, 2-step MacAdam RGBW: 3 RGBW power LED groups cyan: 3 cyan power LED groups 50000h L90 B10 (Ta 25°C)
MATERIAL	body in thermally conductive plastic glass cover with vitrified serigraphy
POWER SUPPLY UNIT	not included, see p. 680
POWER CABLES	includes 5 m neoprene cable H05RN-F 2x1.00 Ø6.8 mm RGBW, cyan: includes 5 m FEP+RUB cable (equivalent to H05RN-F) 6x0.50 Ø6.3 mm
MOUNTING	recessed (wall) max depth 10 mm
ACCESSORIES	see p. 680
NOTES	suitable for use in salt water only suitable for underwater applications projector version: Moby P 2.1, p. 697
PHOTOMETRIC DATA	see p. 787



< MOBY 2.1
3000K, 20W, 31°x64°

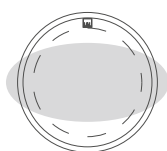
Project by / arch. Rocco Valentini
Tenuta di Sipio, Ripa Teatina, Chieti, Italy

MOBY 3

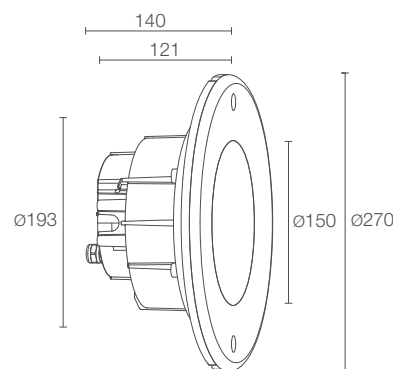
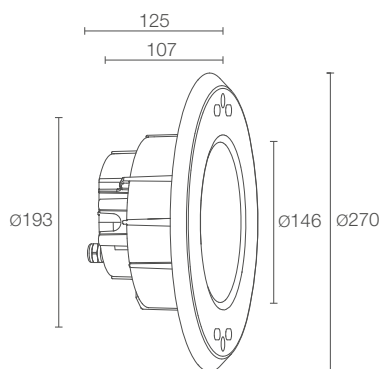


MOBY 3.0

MOBY 3.1



31°x64° optics








POWER / POWER SUPPLY CODE	30W 24Vdc MY3000 ■ ■ I Micro-blasted stainless steel
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 7 - RGBW Y - shades of cyan
OPTICS	S - 22° M - 34° L - 62° W - 31°x64°
LUMEN OUTPUT AT SOURCE	2537 lm (3000K) RGBW: 1474 lm, R: 231 lm G: 432 lm B: 118 lm W: 693 lm (4000K) cyan: 1303 lm
DELIVERED LUMEN OUTPUT	1876 lm (3000K, 34°) RGBW: 1090 lm, R: 171 lm G: 319 lm B: 87 lm W: 513 lm (4000K, 34°) cyan: 961 lm (34°)
NO. AND TYPE OF LED	5 power LED groups, 2-step MacAdam RGBW: 5 RGBW power LED groups cyan: 5 cyan power LED groups 50000h L90 B10 (Ta 25°C)
MATERIAL	body in thermally conductive plastic trim in AISI 316L stainless steel screen in tempered, transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 680
POWER CABLES	includes 5 m neoprene cable H05RN-F 2x1.00 Ø6.8 mm RGBW, cyan: includes 5 m FEP+RUB cable (equivalent to H05RN-F) 6x0.50 Ø6.3 mm
MOUNTING	recessed (wall) max depth 10 m
ACCESSORIES	see p. 680
NOTES	not suitable for use in salt water only suitable for underwater applications projector version: Moby P 3.0, p. 698
PHOTOMETRIC DATA	see p. 787

POWER / POWER SUPPLY CODE	30W 24Vdc MY3100 ■ ■ V Glass
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 7 - RGBW Y - shades of cyan
OPTICS	S - 22° M - 34° L - 62° W - 31°x64°
LUMEN OUTPUT AT SOURCE	2537 lm (3000K) RGBW: 1474 lm, R: 231 lm G: 432 lm B: 118 lm W: 693 lm (4000K) cyan: 1303 lm
DELIVERED LUMEN OUTPUT	1876 lm (3000K, 34°) RGBW: 1090 lm, R: 171 lm G: 319 lm B: 87 lm W: 513 lm (4000K, 34°) cyan: 961 lm (34°)
NO. AND TYPE OF LED	5 power LED groups, 2-step MacAdam RGBW: 5 RGBW power LED groups cyan: 5 cyan power LED groups 50000h L90 B10 (Ta 25°C)
MATERIAL	body in thermally conductive plastic glass cover with vitrified serigraphy
POWER SUPPLY UNIT	not included, see p. 680
POWER CABLES	includes 5 m neoprene cable H05RN-F 2x1.00 Ø6.8 mm RGBW, cyan: includes 5 m FEP+RUB cable (equivalent to H05RN-F) 6x0.50 Ø6.3 mm
MOUNTING	recessed (wall) max depth 10 m
ACCESSORIES	see p. 680
NOTES	suitable for use in salt water only suitable for underwater applications projector version: Moby P 3.1, p. 698
PHOTOMETRIC DATA	see p. 787

MOBY

ACCESSORIES AND POWER SUPPLY UNITS

	MOBY 1.0	MOBY 1.1	MOBY 2.0	MOBY 2.1	MOBY 3.0	MOBY 3.1
ANTI-GLARE ACCESSORIES  Honeycomb louvre built into the lighting fixture order together with the lighting fixture	WH0401	WH0401	WH0402	WH0402	WH0403	WH0403
ACCESSORIES FOR INSTALLATION  Outer casing  Outer casing  Outer casing  Accessory for PVC liner	WC5201	WC5201				
			WC5202	WC5202		
					WC5203	WC5203
			WC5302		WC5303	

POWER SUPPLY UNITS

Max no. fixtures	PSU	IP	Page
1...n	24Vdc	20	847
1...n	24Vdc	67	847
-	RGBW controller	-	855 - 860
-	Cyan controller	-	855 - 860



✓
BRIGHT 3.0 316L
 3000K, 9W, 45°



BLUE / WHITE LIGHT
 CONSTANT CURRENT

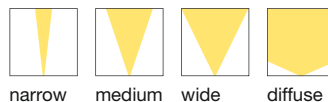


BLUE / WHITE LIGHT
 CONSTANT VOLTAGE

Ø35 mm



BRIGHT 1.0 316L p. 684
 max 2W max 500mA



BRIGHT 1.6 316L p. 685
 2W 24Vdc

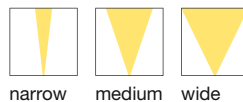


Ø80 mm

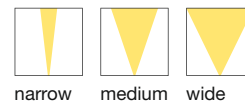
Ø133 mm



BRIGHT 2.0 316L p. 686
 max 6W max 500mA



BRIGHT 2.6 316L p. 686
 6W 24Vdc



Ø201 mm

BRIGHT 316L

UNDERWATER RECESSED
LIGHTING FOR POOLS AND FOUNTAINS



RGB LIGHT
CONSTANT VOLTAGE



WHITE LIGHT - CONSTANT VOLTAGE
RGB LIGHT - CONSTANT CURRENT



BLUE/WHITE LIGHT - CONSTANT VOLTAGE
RGB LIGHT - CONSTANT CURRENT



BRIGHT 1.0 316L p. 685
1.2W 12Vdc



diffuse
sandblasted



diffuse
transparent



BRIGHT 3.0 316L p. 688
7W / 9W 24Vdc
RGB: max 5W max 500mA



narrow



medium



wide



ultra-
wide



elliptical



BRIGHT 5.0 316L p. 689
12W / 18W 24Vdc
RGB: max 18W max 500mA



narrow



medium



wide

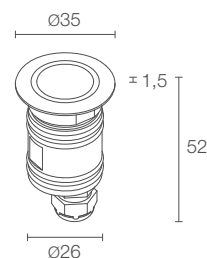


BRIGHT 1 316L

BRIGHT 1.6 316L >
 2700K, 2W, 40°
BRIGHT 2.6 316L
 2700K, 6W, 38°
BRIGHT 1.6
 2700K, 2W, 10°
 Private residence
 Côte d'Azur, France



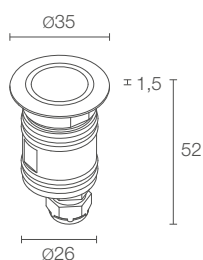
BRIGHT 1.0 316L



POWER / POWER SUPPLY CODE	max 2W max 500mA CW1012 ■ A I - ■
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue
OPTICS	S - 10° M - 20° L - 40° D - diffuse
POWER CABLES	includes 5 m neoprene cable H05RN-F 2x0.35/0.75 Ø6.3 mm 2 - 10 m 3 - 15 m 4 - 20 m
LUMEN OUTPUT AT SOURCE	145 lm (3000K, 500mA)
DELIVERED LUMEN OUTPUT	88 lm (3000K, 500mA, 20°)
NO. AND TYPE OF LED	1 power LED 1/4 ANSI BIN (white LED colour) 50000h L95 B10 (Ta 25°C)
MATERIAL	body and trim in AISI 316L stainless steel screen in tempered, transparent extra-clear glass (optics version) screen in acid-etched, tempered extra-clear glass (diffuse version)
POWER SUPPLY UNIT	not included, see p. 691 and 844
WIRING	series
MOUNTING	recessed (wall, ground) max depth 10 m
ACCESSORIES	see p. 690
NOTES	suitable for use out of water version with elliptical optics available on request
PHOTOMETRIC DATA	see p. 738



BRIGHT 1.6 316L



CE LED TECH III kg 0.48 IP68 IK10

A A+ A++ IPS T max 50°C

2W 24Vdc

CW1600 ■ I - ■

■ F - 2700K
5 - 3000K
9 - 4000K
0 - 5000K
1 - blue

■ S - 10°
M - 20°
L - 40°
D - diffuse

■ includes 5 m neoprene cable
H05RN-F 2x0.35/0.75 Ø6.3 mm
2 - 10 m
3 - 15 m
4 - 20 m

145 lm (3000K)

88 lm (3000K, 20°)

1 power LED
1/4 ANSI BIN (white LED colour)
50000h L95 B10 (Ta 25°C)

body and trim in AISI 316L stainless steel
screen in tempered, transparent extra-clear glass
(optics version)
screen in acid-etched, tempered extra-clear glass
(diffuse version)

not included, see p. 691

parallel

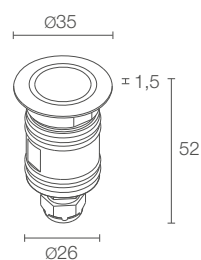
recessed (wall, ground)
max depth 10 m

see p. 690

suitable for use out of water
version with elliptical optics available on request

see p. 738

BRIGHT 1.8 316L



CE LED TECH III kg 0.48 IP68 IK10

A A+ A++ IPS T max 50°C

1.2W 12Vdc

CW1800 6 ■ I - ■

RGB

■ DT - diffuse transparent
DS - diffuse sandblasted

■ includes 5 m neoprene cable
05RN-F 4x0.50/0.50 Ø6.3 mm
2 - 10 m
3 - 15 m
4 - 20 m

15 lm, R: 4 lm G: 8 lm B: 3 lm

11 lm, R: 3 lm G: 6 lm B: 2 lm
(diffuse transparent optics)

1 mid-power, full-colour LED
50000h L90 B10 (Ta 25°C)

body and trim in AISI 316L stainless steel
screen in tempered, transparent extra-clear glass
(diffuse transparent optics version)
screen in acid-etched, tempered extra-clear glass
(diffuse sandblasted optics version)

not included, see p. 691

parallel

recessed (wall, ground)
max depth 10 m

see p. 690

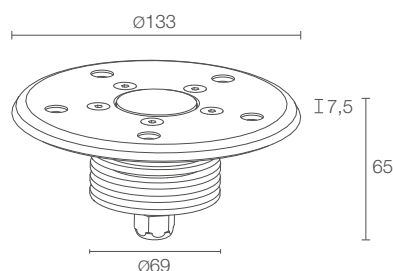
suitable for use out of water

see p. 738

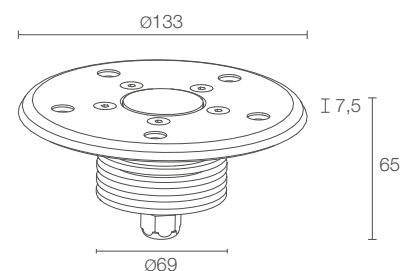
BRIGHT 2 316L



BRIGHT 2.0 316L



BRIGHT 2.6 316L



Installation with accessory
for PVC liner



POWER / POWER SUPPLY CODE	max 6W max 500mA CW2032 ■ ■ ■ A I
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue 6 - RGB
OPTICS	S - 10° M - 24° L - 38°
LUMEN OUTPUT AT SOURCE	436 lm (3000K, 500mA) RGB: 277 lm, R: 102 lm G: 132 lm B: 43 lm (500mA)
DELIVERED LUMEN OUTPUT	314 lm (3000K, 500mA, 24°) RGB: 198 lm, R: 73 lm G: 94 lm B: 31 lm (500mA, 24°)
NO. AND TYPE OF LED	3 power LEDs 1/4 ANSI BIN (white LED colour) 50000h L90 B10 (Ta 25°C)
MATERIAL	body and trim in AISI 316L stainless steel screen in tempered, transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 691 and 844
POWER CABLES	includes 5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm RGB: includes 5 m FEP+RUB cable (equivalent to H05RN-F) 6x0.50/0.50 Ø6.3 mm
WIRING	series
MOUNTING	recessed (wall, ground) max depth 10 mm
ACCESSORIES	see p. 690
NOTES	suitable for use out of water version with elliptical optics available on request
PHOTOMETRIC DATA	see p. 738

POWER / POWER SUPPLY CODE	6W 24Vdc CW2600 ■ ■ ■ I
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue
OPTICS	S - 10° M - 24° L - 38°
LUMEN OUTPUT AT SOURCE	436 lm (3000K)
DELIVERED LUMEN OUTPUT	314 lm (3000K, 24°)
NO. AND TYPE OF LED	3 power LEDs 1/4 ANSI BIN (white LED colour) 50000h L90 B10 (Ta 25°C)
MATERIAL	body and trim in AISI 316L stainless steel screen in tempered, transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 691
POWER CABLES	includes 5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm
WIRING	parallel
MOUNTING	recessed (wall, ground) max depth 10 mm
ACCESSORIES	see p. 690
NOTES	suitable for use out of water version with elliptical optics available on request
PHOTOMETRIC DATA	see p. 738

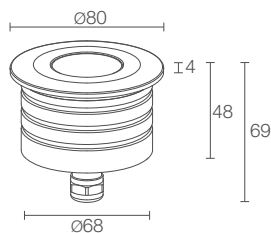




BRIGHT 3 316L



BRIGHT 3.0 316L



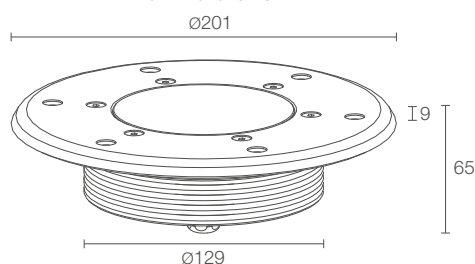
POWER / POWER SUPPLY CODE	7W 24Vdc white light CW30000 ■ ■ I	
	9W 24Vdc white light CW30010 ■ ■ I	
	max 5W max 500mA RGB light CW3032 6 ■ ■ I	
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K	
OPTICS	S - 11° M - 34° L - 45° K - 68° W - 13°x52°	RGB: S - 20° M - 34° L - 45° W - 21°x42°
LUMEN OUTPUT AT SOURCE	683 lm (3000K, 7W) 845 lm (3000K, 9W) RGB: 253 lm, R: 82 lm G: 114 lm B: 57 lm (500mA)	
DELIVERED LUMEN OUTPUT	463 lm (3000K, 34°, 7W) 602 lm (3000K, 34°, 9W) RGB: 191 lm, R: 70 lm G: 90 lm B: 31 lm (500mA, 34°)	
NO. AND TYPE OF LED	1 high intensity power LED, 3-step MacAdam RGB: 3 power LEDs 50000h L90 B10 (Ta 25°C)	
MATERIAL	body and trim in AISI 316L stainless steel screen in tempered, transparent extra-clear glass	
POWER SUPPLY UNIT	not included, see p. 691	
POWER CABLES	includes 5 m neoprene cable H05RN-F 2x1.00/1.00 Ø7.0 mm RGB: includes 5 m FEP+RUB cable (equivalent to H05RN-F) 6x0.50/0.50 Ø6.3 mm	
WIRING	parallel RGB: series	
MOUNTING	recessed (wall, ground) max depth 10 m	
ACCESSORIES	see p. 690	
NOTES	suitable for use in sea water the 7W version and the RGB version can also be used out of the water	
PHOTOMETRIC DATA	see p. 739	



BRIGHT 5 316L



BRIGHT 5.0 316L










Installation with accessory
for PVC liner



POWER / POWER SUPPLY CODE	12W 24Vdc blue/white light CW5062 ■ ■ A I 18W 24Vdc blue/white light CW5092 ■ ■ A I max 18W max 500mA RGB light CW5092 6 ■ ■ A I
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue
OPTICS	S - 10° M - 20° L - 40°
LUMEN OUTPUT AT SOURCE	872 lm (3000K, 12W) 1308 lm (3000K, 18W) RGB: 785 lm, R: 288 lm G: 373 lm B: 124 lm (500mA)
DELIVERED LUMEN OUTPUT	590 lm (3000K, 20°, 12W) 885 lm (3000K, 20°, 18W) RGB: 561 lm, R: 206 lm G: 266 lm B: 89 lm (500mA, 20°)
NO. AND TYPE OF LED	6, 9 power LEDs, 1/4 ANSI BIN (white LED colour) RGB: 9 power LEDs 50000h L90 B10 (Ta 25°C)
MATERIAL	body and trim in AISI 316L stainless steel screen in tempered, transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 691
POWER CABLES	includes 5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm RGB: includes 5 m FEP+RUB cable (equivalent to H05RN-F) 6x0.50/0.50 Ø6.3 mm
WIRING	parallel RGB: series
MOUNTING	recessed (wall, ground) max depth 10 m
ACCESSORIES	see p. 690
NOTES	suitable for use out of water version with elliptical optics available on request
PHOTOMETRIC DATA	see p. 739

BRIGHT 316L

ACCESSORIES AND POWER SUPPLY UNITS

	BRIGHT 1.0 316L	BRIGHT 1.6 316L	BRIGHT 1.8 316L	BRIGHT 2.0 316L	BRIGHT 2.6 316L	BRIGHT 3.0 316L	BRIGHT 5.0 316L
<p>ANTI-GLARE ACCESSORIES</p>  <p>Honeycomb louvre built into the lighting fixture order together with the lighting fixture</p>						WH0201	
<p>ACCESSORIES FOR INSTALLATION</p>  <p>Outer casing</p>  <p>Outer casing</p>  <p>Outer casing</p>  <p>Outer casing</p>  <p>Outer casing</p>  <p>Accessory for PVC liner</p>	WC5003	WC5003	WC5003	WC5002	WC5002	WC5004	WC5005
				WC5102	WC5102		WC5105

for spare parts, see p. 866

POWER CABLES

to order the power cable, add the suffix -2, -3 or -4 to the code for the lighting fixture

-2 length 10 m
-3 length 15 m
-4 length 20 m

-4 length 20 m

white LED colour
Neoprene cables
H05RN-F 2x0.75/0.75 Ø6.3 mm IPS
(Bright 2.0 316L / 2.6 316L / 5.0 316L)

white LED colour
Neoprene cables
H05RN-F 2x1.00/1.00 Ø7.0 mm IPS
(Bright 3.0 316L)

RGB
Cables in FEP+RUB (equivalent to H05RN-F)
6x0.50/0.50 Ø6.3 mm IPS
(Bright 2.0 316L / 3.0 316L / 5.0 316L)

POWER SUPPLY UNITS Bright 1.0 316L

350mA

Max no. fixtures	PSU	IP	Page
1/3	A13350VL	20	845

500mA

Max no. fixtures	PSU	IP	Page
1/3	A13500TC	20	845
1/4	A14500IP67	20	845
2/5	A15500QL	20	845

POWER SUPPLY UNITS Bright 1.8 316L

Max no. fixtures	PSU	IP	Page
1...n	12Vdc	20	847
1...n	12Vdc	67	847
-	RGB controller	-	855 - 860

POWER SUPPLY UNITS Bright 2.0 316L

350mA

Max no. fixtures	PSU	IP	Page
1	A13350VL	20	845
-	RGB controller	-	855 - 860

500mA

Max no. fixtures	PSU	IP	Page
1	A13500TC	20	845
1	A14500IP67	67	845
-	RGB controller	-	855 - 860

POWER SUPPLY UNITS Bright 1.6 316L / 2.6 316L

Max no. fixtures	PSU	IP	Page
1...n	24Vdc	20	847
1...n	24Vdc	67	847

POWER SUPPLY UNITS Bright 3.0 316L / 5.0 316L

Max no. fixtures	PSU	IP	Page
1...n	24Vdc	20	847
1...n	24Vdc	67	847
-	RGB controller	-	855 - 860



1 MOBY P p. 694

2 SPOT 316L p. 700

PROJECTORS

FOR UNDERWATER APPLICATIONS



MOBY P

see p. 694



SPOT 316L

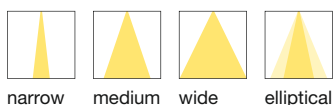
see p. 700

LIGHT COLOUR	 2700K 3000K 4000K RGBW cyan	 2700K 3000K 4000K 5000K blue RGB
POWER SUPPLY	<p>CONSTANT CURRENT power supply unit not included</p> <p>CONSTANT VOLTAGE power supply unit not included</p>	<p>max 500mA (blue/white/RGB light)</p> <p>24Vdc</p>
APPLIANCE CLASS		
UNIQUE SELLING POINTS	<p>glass cover with vitrified serigraphy</p>	



MOBY P

PERMANENT UNDERWATER PROJECTORS
WHITE, RGBW AND CYAN LIGHTING SCENES IN FOUNTAINS



9W 24Vdc
Ø105 mm

20W 24Vdc
Ø155 mm

30W 24Vdc
Ø193 mm

TRIM IN AISI 316L STAINLESS STEEL



MOBY P 1.0 p. 696



MOBY P 2.0 p. 697



MOBY P 3.0 p. 698

GLASS COVER
WITH VITRIFIED SERIGRAPHY



MOBY P 1.1 p. 696



MOBY P 2.1 p. 697



MOBY P 3.1 p. 698

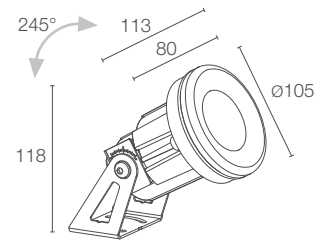
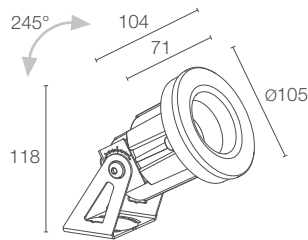
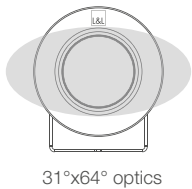
MOBY P 1



MOBY P 1.0



MOBY P 1.1



POWER / POWER SUPPLY CODE	9W 24Vdc MP1000 ■ ■ ■ I Micro-blasted stainless steel
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 7 - RGBW Y - shades of cyan
OPTICS	S - 22° M - 34° L - 62° W - 31°x64°
LUMEN OUTPUT AT SOURCE	507 lm (3000K) RGBW: 295 lm, R: 47 lm G: 85 lm B: 24 lm W: 139 lm (4000K) cyan: 260 lm
DELIVERED LUMEN OUTPUT	359 lm (3000K, 34°) RGBW: 208 lm, R: 33 lm G: 61 lm B: 16 lm W: 98 lm (4000K, 34°) cyan: 184 lm (34°)
NO. AND TYPE OF LED	1 power LED group, 2-step MacAdam RGBW: 1 RGBW LED group cyan: 1 cyan power LED group 50000h L90 B10 (Ta 25°C)
MATERIAL	body in thermally conductive plastic trim in AISI 316L stainless steel bracket in AISI 316L stainless steel screen in tempered, transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 699
POWER CABLES	includes 5 m neoprene cable H05RN-F 2x1.00 Ø6.8 mm RGBW, cyan: includes 5 m FEP+RUB cable (equivalent to H05RN-F) 6x0.50 Ø6.3 mm
MOUNTING	surface mounted (wall, ground) max depth 10 m
ACCESSORIES	see p. 699
NOTES	not suitable for use in salt water only suitable for underwater applications recessed version: Moby 1.0, p. 676
PHOTOMETRIC DATA	see p. 787

POWER / POWER SUPPLY CODE	9W 24Vdc MP1100 ■ ■ ■ V Glass
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 7 - RGBW Y - shades of cyan
OPTICS	S - 22° M - 34° L - 62° W - 31°x64°
LUMEN OUTPUT AT SOURCE	507 lm (3000K) RGBW: 295 lm, R: 47 lm G: 85 lm B: 24 lm W: 139 lm (4000K) cyan: 260 lm
DELIVERED LUMEN OUTPUT	359 lm (3000K, 34°) RGBW: 208 lm, R: 33 lm G: 61 lm B: 16 lm W: 98 lm (4000K, 34°) cyan: 184 lm (34°)
NO. AND TYPE OF LED	1 power LED group, 2-step MacAdam RGBW: 1 RGBW LED group cyan: 1 cyan power LED group 50000h L90 B10 (Ta 25°C)
MATERIAL	body in thermally conductive plastic bracket in AISI 316L stainless steel glass cover with vitrified serigraphy
POWER SUPPLY UNIT	not included, see p. 699
POWER CABLES	includes 5 m neoprene cable H05RN-F 2x1.00 Ø6.8 mm RGBW, cyan: includes 5 m FEP+RUB cable (equivalent to H05RN-F) 6x0.50 Ø6.3 mm
MOUNTING	surface mounted (wall, ground) max depth 10 m
ACCESSORIES	see p. 699
NOTES	not suitable for use in salt water only suitable for underwater applications recessed version: Moby 1.1, p. 676
PHOTOMETRIC DATA	see p. 787

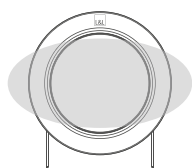
MOBY P 2



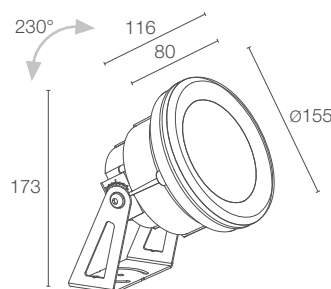
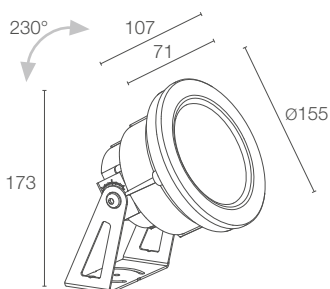
MOBY P 2.0



MOBY P 2.1



31°x64° optics



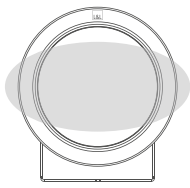
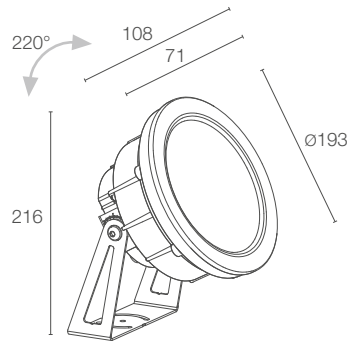
POWER / POWER SUPPLY CODE	20W 24Vdc MP2000 ■ ■ I Micro-blasted stainless steel
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 7 - RGBW Y - shades of cyan
OPTICS	S - 22° M - 34° L - 62° W - 31°x64°
LUMEN OUTPUT AT SOURCE	1522 lm (3000K) RGBW: 884 lm, R: 138 lm G: 259 lm B: 69 lm W: 418 lm (4000K) cyan: 782 lm
DELIVERED LUMEN OUTPUT	1078 lm (3000K, 34°) RGBW: 626 lm, R: 97 lm G: 184 lm B: 48 lm W: 297 lm (4000K, 34°) cyan: 552 lm (34°)
NO. AND TYPE OF LED	3 power LED groups, 2-step MacAdam RGBW: 3 RGBW LED groups cyan: 3 cyan power LED groups 50000h L90 B10 (Ta 25°C)
MATERIAL	body in thermally conductive plastic trim in AISI 316L stainless steel bracket in AISI 316L stainless steel screen in tempered, transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 699
POWER CABLES	includes 5 m neoprene cable H05RN-F 2x1.00 Ø6.8 mm RGBW, cyan: includes 5 m FEP+RUB cable (equivalent to H05RN-F) 6x0.50 Ø6.3 mm
MOUNTING	surface mounted (wall, ground) max depth 10 m
ACCESSORIES	see p. 699
NOTES	not suitable for use in salt water only suitable for underwater applications recessed version: Moby 2.0, p. 677
PHOTOMETRIC DATA	see p. 787

POWER / POWER SUPPLY CODE	20W 24Vdc MP2100 ■ ■ V Glass
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 7 - RGBW Y - shades of cyan
OPTICS	S - 22° M - 34° L - 62° W - 31°x64°
LUMEN OUTPUT AT SOURCE	1522 lm (3000K) RGBW: 884 lm, R: 138 lm G: 259 lm B: 69 lm W: 418 lm (4000K) cyan: 782 lm
DELIVERED LUMEN OUTPUT	1078 lm (3000K, 34°) RGBW: 626 lm, R: 97 lm G: 184 lm B: 48 lm W: 297 lm (4000K, 34°) cyan: 552 lm (34°)
NO. AND TYPE OF LED	3 power LED groups, 2-step MacAdam RGBW: 3 RGBW LED groups cyan: 3 cyan power LED groups 50000h L90 B10 (Ta 25°C)
MATERIAL	body in thermally conductive plastic bracket in AISI 316L stainless steel glass cover with vitrified serigraphy
POWER SUPPLY UNIT	not included, see p. 699
POWER CABLES	includes 5 m neoprene cable H05RN-F 2x1.00 Ø6.8 mm RGBW, cyan: includes 5 m FEP+RUB cable (equivalent to H05RN-F) 6x0.50 Ø6.3 mm
MOUNTING	surface mounted (wall, ground) max depth 10 m
ACCESSORIES	see p. 699
NOTES	not suitable for use in salt water only suitable for underwater applications recessed version: Moby 2.1, p. 677
PHOTOMETRIC DATA	see p. 787

MOBY P 3



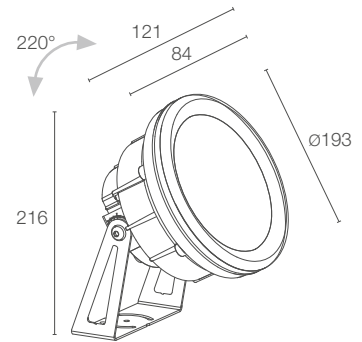
MOBY P 3.0



31°x64° optics



MOBY P 3.1




POWER / POWER SUPPLY CODE	30W 24Vdc MP3000 ■ ■ I Micro-blasted stainless steel
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 7 - RGBW Y - shades of cyan
OPTICS	S - 22° M - 34° L - 62° W - 31°x64°
LUMEN OUTPUT AT SOURCE	2537 lm (3000K) RGBW: 1474 lm, R: 231 lm G: 432 lm B: 118 lm W: 693 lm (4000K) cyan: 1303 lm
DELIVERED LUMEN OUTPUT	1876 lm (3000K, 34°) RGBW: 1090 lm, R: 171 lm G: 319 lm B: 87 lm W: 513 lm (4000K, 34°) cyan: 961 lm (34°)
NO. AND TYPE OF LED	5 power LED groups, 2-step MacAdam RGBW: 5 RGBW LED groups cyan: 5 cyan power LED groups 50000h L90 B10 (Ta 25°C)
MATERIAL	body in thermally conductive plastic trim in AISI 316L stainless steel bracket in AISI 316L stainless steel screen in tempered, transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 699
POWER CABLES	includes 5 m neoprene cable H05RN-F 2x1.00 Ø6.8 mm RGBW, cyan: includes 5 m FEP+RUB cable (equivalent to H05RN-F) 6x0.50 Ø6.3 mm
MOUNTING	surface mounted (wall, ground) max depth 10 m
NOTES	not suitable for use in salt water only suitable for underwater applications recessed version: Moby 3.0, p. 679
PHOTOMETRIC DATA	see p. 787

POWER / POWER SUPPLY CODE	30W 24Vdc MP3100 ■ ■ V Glass
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 7 - RGBW Y - shades of cyan
OPTICS	S - 22° M - 34° L - 62° W - 31°x64°
LUMEN OUTPUT AT SOURCE	2537 lm (3000K) RGBW: 1474 lm, R: 231 lm G: 432 lm B: 118 lm W: 693 lm (4000K) cyan: 1303 lm
DELIVERED LUMEN OUTPUT	1876 lm (3000K, 34°) RGBW: 1090 lm, R: 171 lm G: 319 lm B: 87 lm W: 513 lm (4000K, 34°) cyan: 961 lm (34°)
NO. AND TYPE OF LED	5 power LED groups, 2-step MacAdam RGBW: 5 RGBW LED groups cyan: 5 cyan power LED groups 50000h L90 B10 (Ta 25°C)
MATERIAL	body in thermally conductive plastic bracket in AISI 316L stainless steel cover in glass with vitrified serigraphy
POWER SUPPLY UNIT	not included, see p. 699
POWER CABLES	includes 5 m neoprene cable H05RN-F 2x1.00 Ø6.8 mm RGBW, cyan: includes 5 m FEP+RUB cable (equivalent to H05RN-F) 6x0.50 Ø6.3 mm
MOUNTING	surface mounted (wall, ground) max depth 10 m
NOTES	not suitable for use in salt water only suitable for underwater applications recessed version: Moby 3.1, p. 679
PHOTOMETRIC DATA	see p. 787



MOBY P

ACCESSORIES AND POWER SUPPLY UNITS

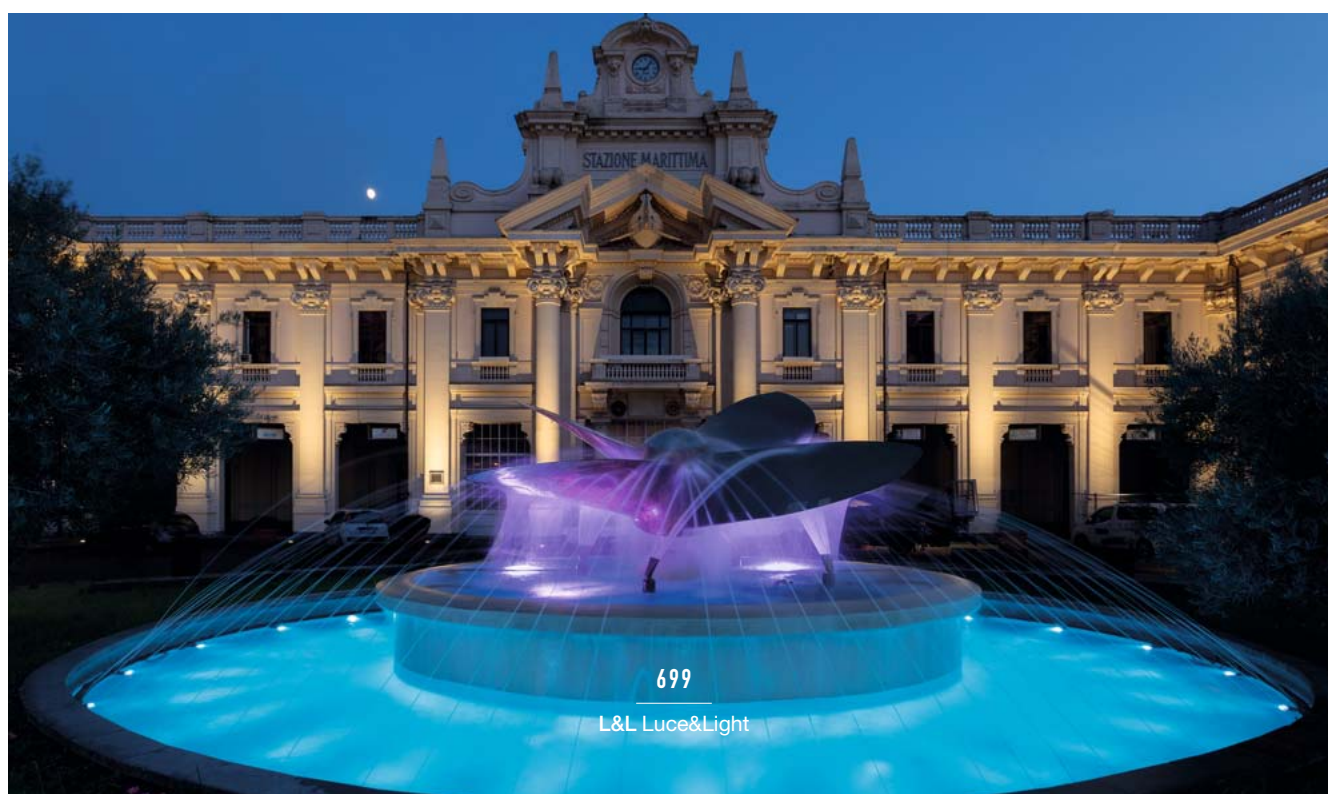
	MOBY P 1.0	MOBY P 1.1	MOBY P 2.0	MOBY P 2.1	MOBY P 3.0	MOBY P 3.1
ANTI-GLARE ACCESSORIES						
 <p>Honeycomb louvre built into the lighting fixture order together with the lighting fixture</p>	WH0401	WH0401	WH0402	WH0402	WH0403	WH0403

POWER SUPPLY UNITS

Max no. fixtures	PSU	IP	Page
1...n	24Vdc	20	847
1...n	24Vdc	67	847
-	RGBW controller	-	855 - 860
-	Cyan controller	-	855 - 860

- ∨
- MOBY P 1.1
RGBW, 9W, 31°X64°
- MOBY P 2.1
RGBW, 20W, 62°
- STRA 3.0
3000K, 25W, 30°+14°

Light planning / Studio Luce, Gruppo Sacchi
Photo by / Alessio Tamborini
Stazione marittima, Genoa, Italy





700

L&L Luce&Light

SPOT 316L

OUTDOOR AND UNDERWATER PROJECTORS
FOUNTAINS AND HARSH ENVIRONMENTS



COVER Ø30 mm

COVER Ø69 mm

COVER Ø124 mm

CONSTANT CURRENT



SPOT 1.0 316L p. 702
max 2W max 500mA



SPOT 2.0 316L p. 703
max 6W max 500mA RGB

CONSTANT VOLTAGE



SPOT 1.6 316L p. 702
2W 24Vdc



SPOT 2.6 316L p. 703
6W 24Vdc

WHITE AND BLUE LIGHT: CONSTANT VOLTAGE

RGB LIGHT: CONSTANT CURRENT



SPOT 3.0 316L p. 704
12W/18W 24Vdc
RGB: max 18W max 500mA RGB

< SPOT 3.0 316L
3000K, 12W, 40°

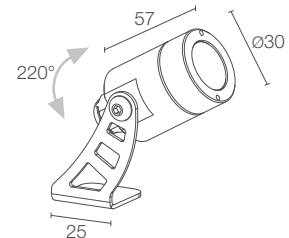
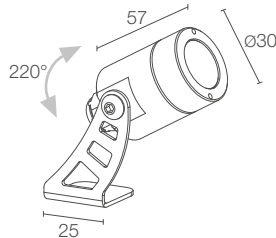
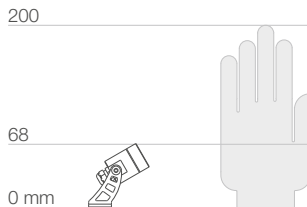
Light planning by / Ing. Paolo Saracino
and Ing. Donato Saracino
Grotta Zinzulusa, Castro Marina, Lecce, Italy

SPOT 1 316L



SPOT 1.0 316L

SPOT 1.6 316L



POWER / POWER SUPPLY CODE	max 2W max 500mA PW1012 ■ A I - ■
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue
OPTICS	S - 10° M - 20° L - 40°
POWER CABLES	includes 5 m neoprene cable H05RN-F 2x0.35/0.75 Ø6.3 mm 2 - 10 m 3 - 15 m 4 - 20 m
LUMEN OUTPUT AT SOURCE	145 lm (3000K, 500mA)
DELIVERED LUMEN OUTPUT	88 lm (3000K, 500mA, 20°)
NO. AND TYPE OF LED	1 power LED 1/4 ANSI BIN (white LED colour) 50000h L90 B10 (Ta 25°C)
MATERIAL	body and trim in AISI 316L stainless steel screen in tempered, transparent glass
POWER SUPPLY UNIT	not included, see p. 706 and 844
WIRING	series
MOUNTING	surface mounted (ceiling, wall, ground, spike) max depth 10 m
ACCESSORIES	see p. 706
NOTES	suitable for use out of water version with elliptical optics available on request
PHOTOMETRIC DATA	see p. 820

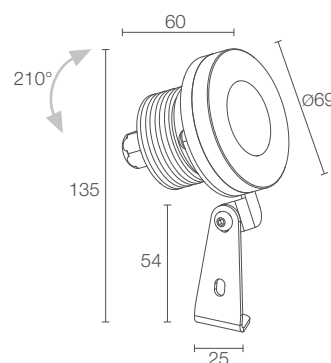
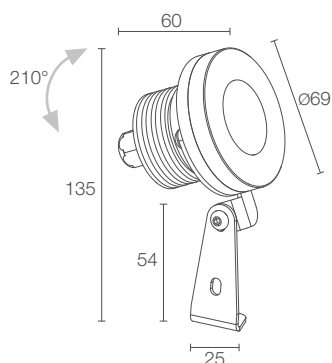
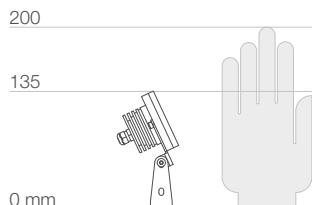
POWER / POWER SUPPLY CODE	2W 24Vdc PW1600 ■ I - ■
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue
OPTICS	S - 10° M - 20° L - 40°
POWER CABLES	includes 5 m neoprene cable H05RN-F 2x0.35/0.75 Ø6.3 mm 2 - 10 m 3 - 15 m 4 - 20 m
LUMEN OUTPUT AT SOURCE	145 lm (3000K)
DELIVERED LUMEN OUTPUT	88 lm (3000K, 20°)
NO. AND TYPE OF LED	1 power LED 1/4 ANSI BIN (white LED colour) 50000h L90 B10 (Ta 25°C)
MATERIAL	body and trim in AISI 316L stainless steel screen in tempered, transparent glass
POWER SUPPLY UNIT	not included, see p. 706
WIRING	parallele
MOUNTING	surface mounted (ceiling, wall, ground, spike) max depth 10 m
ACCESSORIES	see p. 706
NOTES	suitable for use out of water version with elliptical optics available on request
PHOTOMETRIC DATA	see p. 820

SPOT 2 316L



SPOT 2.0 316L

SPOT 2.6 316L

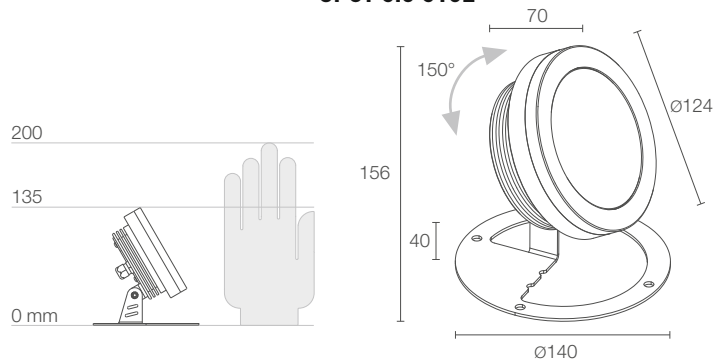


POWER / POWER SUPPLY CODE	max 6W max 500mA PW2032 ■ ■ A I
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue 6 - RGB
OPTICS	S - 10° M - 24° L - 38°
LUMEN OUTPUT AT SOURCE	436 lm (3000K, 500mA) RGB: 277 lm, R: 102 lm G: 132 lm B: 43 lm (500mA)
DELIVERED LUMEN OUTPUT	314 lm (3000K, 500mA, 24°) RGB: 198 lm, R: 73 lm G: 94 lm B: 31 lm (500mA, 24°)
NO. AND TYPE OF LED	3 power LEDs 1/4 ANSI BIN (white LED colour) 50000h L90 B10 (Ta 25°C)
MATERIAL	body and trim in AISI 316L stainless steel screen in tempered, transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 706 and 844
POWER CABLES	includes 5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm RGB: includes 5 m FEP+RUB cable (equivalent to H05RN-F) 6x0.50/0.50 Ø6.3 mm
WIRING	series
MOUNTING	surface mounted (ceiling, wall, ground, spike) max depth 10 m
ACCESSORIES	see p. 706
NOTES	suitable for use out of water version with elliptical optics available on request
PHOTOMETRIC DATA	see p. 820

POWER / POWER SUPPLY CODE	6W 24Vdc PW2600 ■ ■ I
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue
OPTICS	S - 10° M - 24° L - 38°
LUMEN OUTPUT AT SOURCE	436 lm (3000K)
DELIVERED LUMEN OUTPUT	314 lm (3000K, 24°)
NO. AND TYPE OF LED	3 power LED 1/4 ANSI BIN (white LED colour) 50000h L90 B10 (Ta 25°C)
MATERIAL	body and trim in AISI 316L stainless steel screen in tempered, transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 706
POWER CABLES	includes 5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm
WIRING	parallel
MOUNTING	surface mounted (ceiling, wall, ground, spike) max depth 10 m
ACCESSORIES	see p. 706
NOTES	suitable for use out of water version with elliptical optics available on request
PHOTOMETRIC DATA	see p. 820

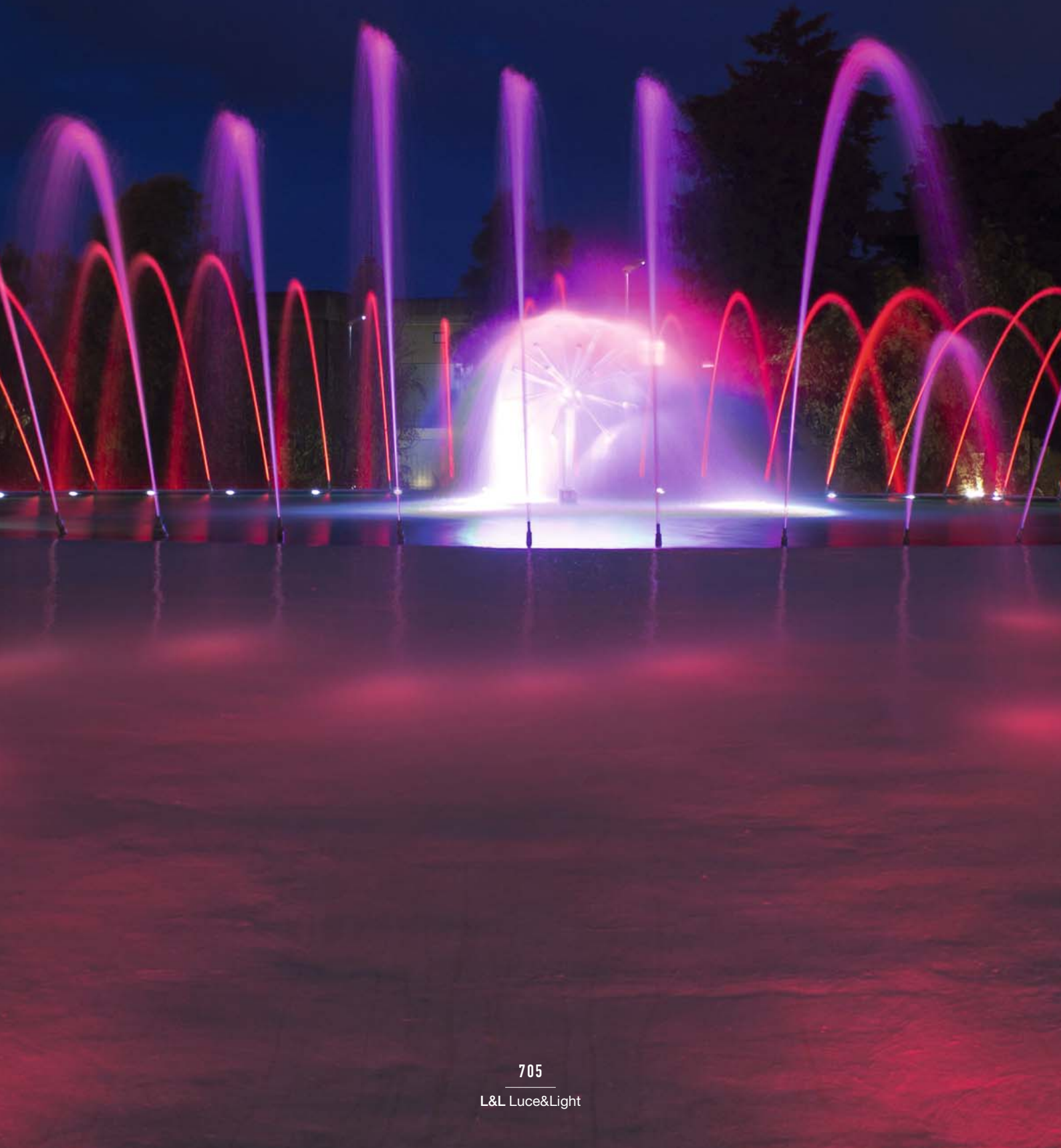


SPOT 3.0 316L



POWER / POWER SUPPLY CODE	12W 24Vdc blue/white light PW3062 ■ ■ A I 18W 24Vdc blue/white light PW3092 ■ ■ A I max 18W max 500mA RGB light PW3092 6 ■ ■ A I
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K 0 - 5000K 1 - blue
OPTICS	S - 10° M - 20° L - 40°
LUMEN OUTPUT AT SOURCE	872 lm (3000K, 12W) 1308 lm (3000K, 18W) RGB: 791 lm, R: 291 lm G: 375 lm B: 125 lm (500mA)
DELIVERED LUMEN OUTPUT	596 lm (3000K, 20°, 12W) 893 lm (3000K, 20°, 18W) RGB: 565 lm, R: 208 lm G: 268 lm B: 89 lm (500mA, 20°)
NO. AND TYPE OF LED	6, 9 power LEDs, 1/4 ANSI BIN (white LED colour) RGB: 9 power LEDs 50000h L90 B10 (Ta 25°C)
MATERIAL	body and trim in AISI 316L stainless steel screen in tempered, transparent extra-clear glass
POWER SUPPLY UNIT	not included, see p. 706
POWER CABLES	includes 5 m neoprene cable H05RN-F 2x0.75/0.75 Ø6.3 mm RGB: includes 5 m FEP+RUB cable (equivalent to H05RN-F) 6x0.50/0.50 Ø6.3 mm
WIRING	parallel RGB: series
MOUNTING	surface mounted (ceiling, wall, ground) max depth 10 m
ACCESSORIES	see p. 706
NOTES	suitable for use out of water version with elliptical optics available on request
PHOTOMETRIC DATA	see p. 820

SPOT 3 316L



SPOT 316L

ACCESSORIES AND POWER SUPPLY UNITS

ACCESSORIES FOR INSTALLATION



WP0100

Spike for installation in the ground

(Spot 1.0 316L / 1.6 316L /
2.0 316L / 2.6 316L)

POWER CABLES Spot 2.0 316L / 2.6 316L / 3.0 316L

to order the power cable, add the suffix -2, -3 or -4
to the code for the lighting fixture

- 2 length 10 m
- 3 length 15 m
- 4 length 20 m

white LED colour

Neoprene cables

H05RN-F 2x0.75/0.75 Ø6.3 mm IPS

RGB

FEP+RUB cables (equivalent to H05RN-F)

6x0.50/0.50 Ø6.3 mm IPS

POWER SUPPLY UNITS Spot 1.0 316L

350mA

Max no. fixtures	PSU	IP	Page
1/3	A13350VL	20	845
2/5	A16350IP67	67	845

500mA

Max no. fixtures	PSU	IP	Page
1/3	A13500TC	20	845
2/5	A15500QL	20	845
1/4	A14500IP67	67	845

POWER SUPPLY UNITS Spot 2.0 316L

350mA

Max no. fixtures	PSU	IP	Page
1	A13350VL	20	845
1/2	A16350IP67	67	845
-	RGB controller	-	855 - 860

500mA

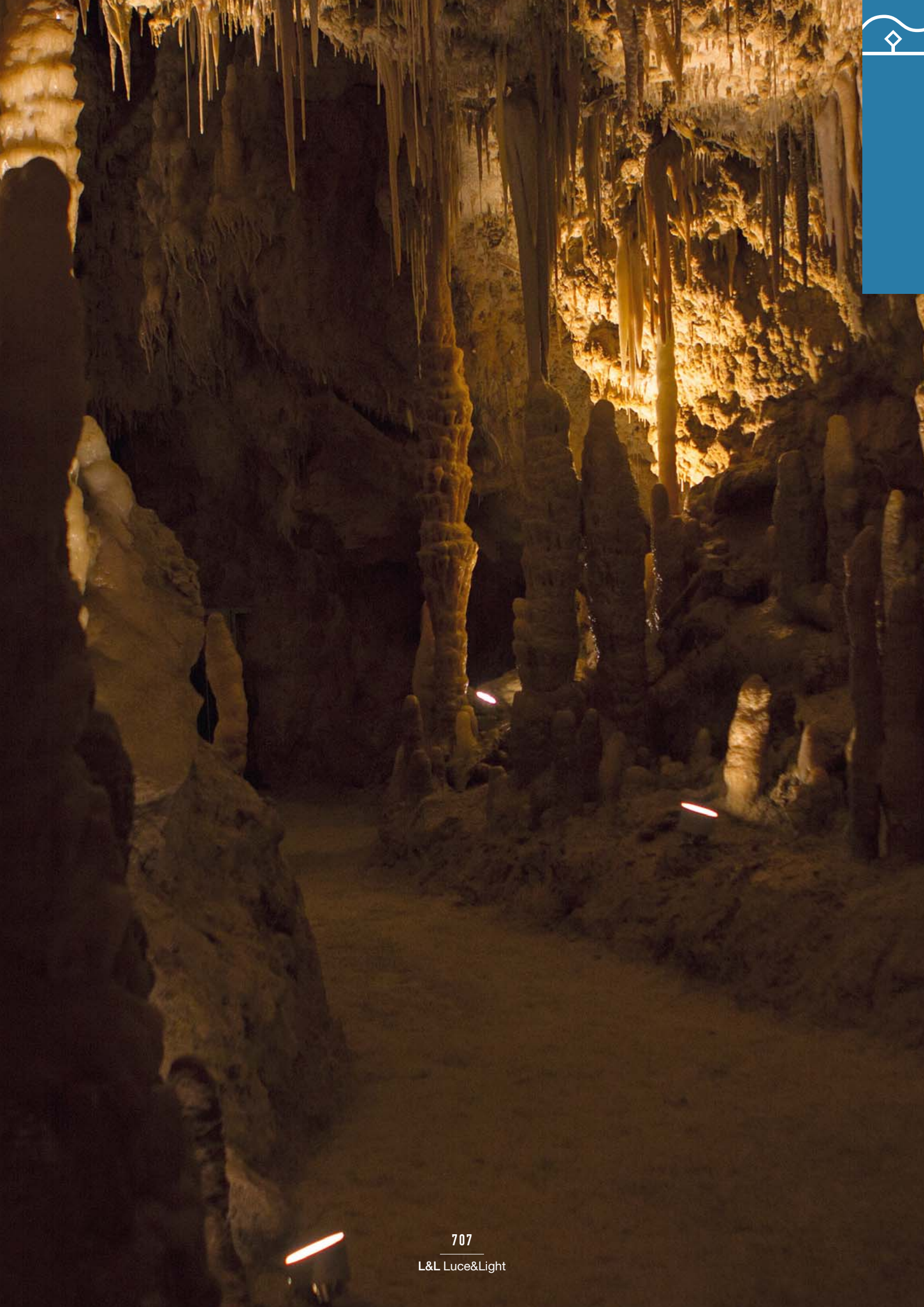
Max no. fixtures	PSU	IP	Page
1	A15500QL	20	845
1	A14500IP67	67	845
-	RGB controller	-	855 - 860

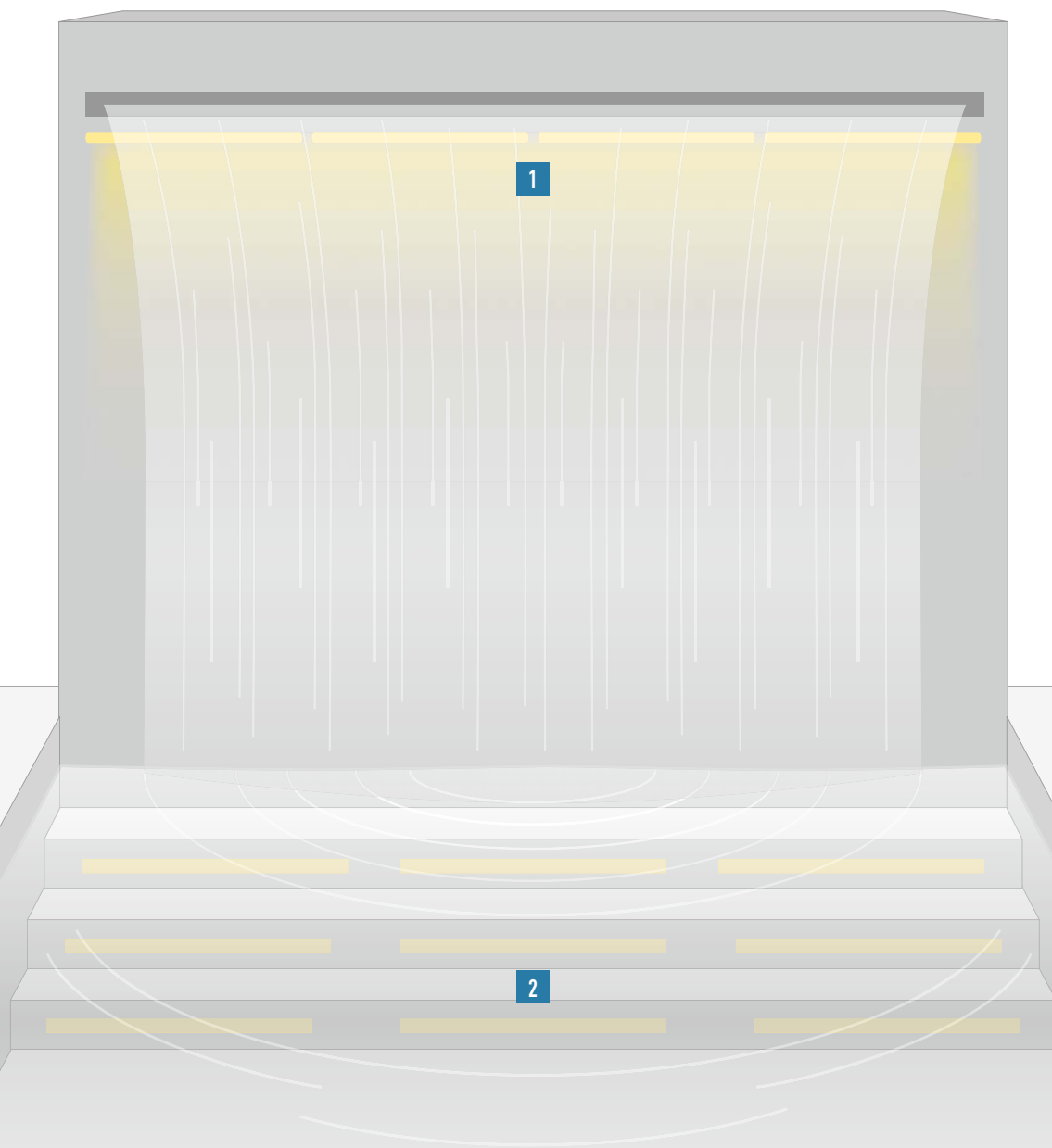
POWER SUPPLY UNITS Spot 1.6 316L / 2.6 316L

Max no. fixtures	PSU	IP	Page
1...n	24Vdc	20	847
1...n	24Vdc	67	847

POWER SUPPLY UNITS Spot 3.0 316L

Max no. fixtures	PSU	IP	Page
1...n	24Vdc	20	847
1...n	24Vdc	67	847
-	RGB controller	-	855 - 860





1 TREVI p. 710

2 RIO SUB p. 716

LINEAR PROFILES

FOR UNDERWATER APPLICATIONS



TREVI
see p. 710



RIO SUB
see p. 716

MOUNTING	RECESSED		•
	SURFACE MOUNTED WITH BRACKETS	•	
BEAM	DIFFUSE VERSION	•	•
	OPTICS VERSION	•	
LIGHT COLOUR		 2700K 3000K 4000K RGB	 2600K 2800K 3700K RGB
POWER SUPPLY	CONSTANT VOLTAGE power supply unit not included	24Vdc	24Vdc
PITCH		100	
APPLIANCE CLASS		◊ _{III}	◊ _{III}



TREVI

OUTDOOR AND UNDERWATER LINEAR PROFILES
DIFFUSE LIGHT OR WITH OPTICS IN POOLS AND FOUNTAINS



medium wide elliptical diffuse



2700K 3000K 4000K RGB

613 mm

TREVI 1.0 p. 712

white light: 7W 24Vdc (optics version)
white light: 10W 24Vdc (diffuse version)
RGB light: 11W 24Vdc (diffuse version)

1208 mm

TREVI 1.1 p. 713

white light: 14W 24Vdc (optics version)
white light: 21W 24Vdc (diffuse version)
RGB light: 24W 24Vdc (diffuse version)

1803 mm

TREVI 1.2 p. 713

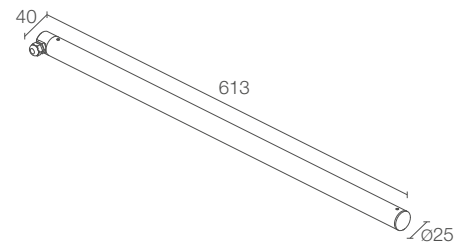
white light: 21W 24Vdc (optics version)
white light: 32W 24Vdc (diffuse version)
RGB light: 37W 24Vdc (diffuse version)



^
TREVI 1.2
3000K, 32W, diffuse

Project and light planning by / traverso-vighy architetti
Photo by / Alessandra Chemollo
Corte Bertolina, Vicenza, Italy

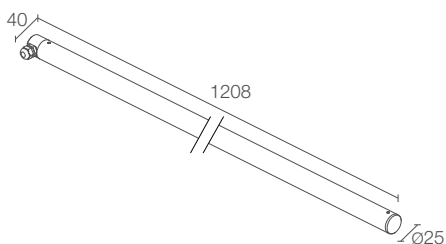
TREVI 1.0



POWER / POWER SUPPLY	7W 24Vdc white light 613 mm pitch 100 10W 24Vdc white light 613 mm diffuse
CODE	TR1000 ■ ■ A 11W 24Vdc RGB light 613 mm diffuse TR1000 6 D A
LED COLOUR	F - 2700K 5 - 3000K 9 - 4000K
OPTICS	M - 40° L - 65° W - 20°x50° D - diffuse
LUMEN OUTPUT AT SOURCE	619 lm (3000K, optics version) 1092 lm (3000K, diffuse version) RGB: 526 lm, R: 118 lm G: 336 lm B: 72 lm (diffuse version)
DELIVERED LUMEN OUTPUT	504 lm (3000K, 40°) 548 lm (3000K, diffuse optics) RGB: 376 lm, R: 84 lm G: 240 lm B: 52 lm (diffuse optics)
NO. AND TYPE OF LED	6 power LEDs, pitch 100, 1/4 ANSI BIN (optics version) 78 mid-power LEDs, 3-step MacAdam (diffuse version) RGB: 42 low-power, full-colour LEDs 50000h L90 B10 (Ta 25°C)
MATERIAL	screen in transparent polycarbonate (optics version) screen in opal polycarbonate (diffuse version) end caps in AISI 316L stainless steel
POWER SUPPLY UNIT	not included, see p. 714
POWER CABLES	includes 5 m neoprene cable H05RN-F 2x0.75 Ø6.3 mm RGB: includes 5 m FEP+PCP cable (equivalent to H05RN-F) 4x0.50/0.50 Ø6.3 mm
MOUNTING	surface mounted (ceiling, wall, ground)
ACCESSORIES	see p. 714
NOTES	available on request in the following versions: 313 mm and 4W power (optics version) 313 mm and 5W power (diffuse version) 313 mm and 5W power (RGB version)
PHOTOMETRIC DATA	see p. 830



TREVI 1.1



14W 24Vdc white light 1208 mm pitch 100
21W 24Vdc white light 1208 mm diffuse
TR1100 ■ ■ A

24W 24Vdc RGB light 1208 mm diffuse
TR1100 6 D A

■ **F** - 2700K
5 - 3000K
9 - 4000K

■ **M** - 40°
L - 65°
W - 20°x50°
D - diffuse

1237 lm (3000K, optics version)
2268 lm (3000K, diffuse version)
RGB: 1100 lm, R: 245 lm G: 703 lm
B: 152 lm (diffuse version)

1008 lm (3000K, 40°)
1138 lm (3000K, diffuse optics)
RGB: 786 lm, R: 175 lm G: 502 lm
B: 109 lm (diffuse optics)

12 power LEDs, pitch 100, 1/4 ANSI BIN (optics version)
162 mid-power LEDs, 3-step MacAdam (diffuse version)
RGB: 90 low-power, full-colour LEDs
50000h L90 B10 (Ta 25°C)

screen in transparent polycarbonate (optics version)
screen in opal polycarbonate (diffuse version)
end caps in AISI 316L stainless steel

not included, see p. 714

includes 5 m neoprene cable
H05RN-F 2x0.75 Ø6.3 mm
RGB: includes 5 m FEP+PCP cable
(equivalent to H05RN-F) 4x0.50/0.50 Ø6.3 mm

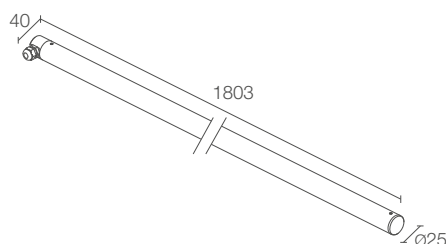
surface mounted (ceiling, wall, ground)

see p. 714

available on request in the following versions:
313 mm and 4W power (optics version)
313 mm and 5W power (diffuse version)
313 mm and 5W power (RGB version)

see p. 830

TREVI 1.2



21W 24Vdc white light 1803 mm pitch 100
32W 24Vdc white light 1803 mm diffuse
TR1200 ■ ■ A

37W 24Vdc RGB light 1803 mm diffuse
TR1200 6 D A

■ **F** - 2700K
5 - 3000K
9 - 4000K

■ **M** - 40°
L - 65°
W - 20°x50°
D - diffuse

1856 lm (3000K, optics version)
3444 lm (3000K, diffuse version)
RGB: 1676 lm, R: 372 lm G: 1071 lm
B: 233 lm (diffuse version)

1512 lm (3000K, 40°)
1728 lm (3000K, diffuse optics)
RGB: 1197 lm, R: 266 lm G: 765 lm
B: 166 lm (diffuse optics)

18 power LEDs, pitch 100, 1/4 ANSI BIN (optics version)
246 mid-power LEDs, 3-step MacAdam (diffuse version)
RGB: 138 low-power, full-colour LEDs
50000h L90 B10 (Ta 25°C)

screen in transparent polycarbonate (optics version)
screen in opal polycarbonate (diffuse version)
end caps in AISI 316L stainless steel

not included, see p. 714

includes 5 m neoprene cable
H05RN-F 2x0.75 Ø6.3 mm
RGB: includes 5 m FEP+PCP cable
(equivalent to H05RN-F) 4x0.50/0.50 Ø6.3 mm

surface mounted (ceiling, wall, ground)

see p. 714

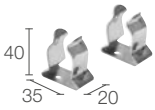
available on request in the following versions:
313 mm and 4W power (optics version)
313 mm and 5W power (diffuse version)
313 mm and 5W power (RGB version)

see p. 830

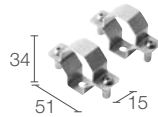
TREVI

ACCESSORIES AND POWER SUPPLY UNITS

ACCESSORIES FOR INSTALLATION



WM0501
Pair of clips



WM0502
Pair of tamper-resistant clips

POWER SUPPLY UNITS

Max no. fixtures	PSU	IP	Page
1...n	24Vdc	20	847
1...n	24Vdc	67	847
-	RGB controller	-	855 - 860





RIO SUB

UNDERWATER LINEAR PROFILES
FOR RECESSED LINES OF LIGHT IN POOLS AND FOUNTAINS



diffuse



2600K 2800K 3700K RGB

WIDTH 20 mm

WIDTH 37 mm

510 mm



RIO SUB 1.1 p. 718
white light: 6W 24Vdc
RGB light: 8.5W 24Vdc



RIO SUB 2.1 p. 719
white light: 10W 24Vdc
RGB light: 8.5W 24Vdc

1010 mm



RIO SUB 1.2 p. 718
white light: 12W 24Vdc
RGB light: 17W 24Vdc

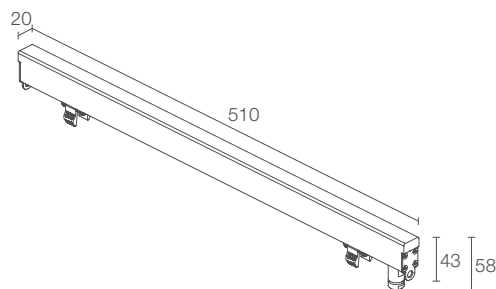


RIO SUB 2.2 p. 719
white light: 19W 24Vdc
RGB light: 17W 24Vdc

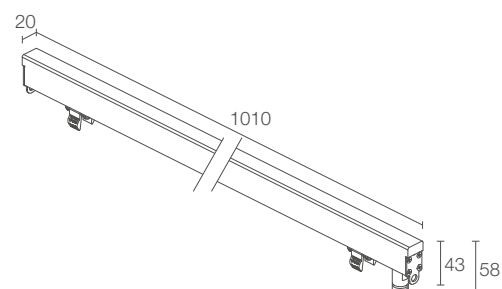
RIO SUB 1



RIO SUB 1.1



RIO SUB 1.2



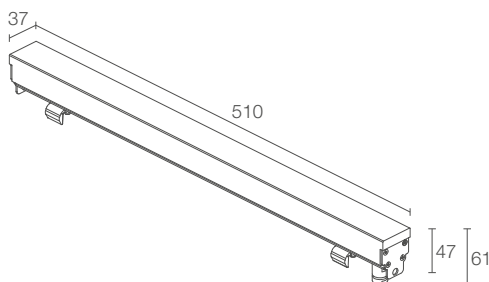
POWER / POWER SUPPLY	6W 24Vdc white light 510 mm 8.5W 24Vdc RGB light 510 mm
CODE	RS1100 ■ D B
LED COLOUR	F - 2600K 5 - 2800K 9 - 3700K 6 - RGB
OPTICS	diffuse
LUMEN OUTPUT AT SOURCE	672 lm (2800K) RGB: 140 lm, R: 30 lm G: 90 lm B: 20 lm
DELIVERED LUMEN OUTPUT	140 lm (2800K) RGB: 100 lm, R: 22 lm G: 64 lm B: 14 lm
NO. AND TYPE OF LED	48 low-power SMD LEDs 3-step MacAdam RGB: full-colour SDM LEDs 50000h L95 B10 (Ta 25°C)
MATERIAL	body in PMMA screen in opal PMMA end caps in AISI 316L stainless steel
POWER SUPPLY UNIT	not included, see p. 720
POWER CABLES	includes 5 m neoprene cable H05RN-F 2x1.00 Ø6.8 mm RGB: includes 5 m FEP+PCP cable (equivalent to H05RN-F) 4x0.50/0.50 Ø6.3 mm
MOUNTING	recessed (wall, ground) max depth 10 mm
ACCESSORIES	see p. 720
PHOTOMETRIC DATA	see p. 804

POWER / POWER SUPPLY	12W 24Vdc white light 1010 mm 17W 24Vdc RGB light 1010 mm
CODE	RS1200 ■ D B
LED COLOUR	F - 2600K 5 - 2800K 9 - 3700K 6 - RGB
OPTICS	diffuse
LUMEN OUTPUT AT SOURCE	1344 lm (2800K) RGB: 280 lm, R: 60 lm G: 180 lm B: 40 lm
DELIVERED LUMEN OUTPUT	280 lm (2800K) RGB: 200 lm, R: 44 lm G: 128 lm B: 28 lm
NO. AND TYPE OF LED	96 low-power SMD LEDs 3-step MacAdam RGB: full-colour SDM LEDs 50000h L95 B10 (Ta 25°C)
MATERIAL	body in PMMA screen in opal PMMA end caps in AISI 316L stainless steel
POWER SUPPLY UNIT	not included, see p. 720
POWER CABLES	includes 5 m neoprene cable H05RN-F 2x1.00 Ø6.8 mm RGB: includes 5 m FEP+PCP cable (equivalent to H05RN-F) 4x0.50/0.50 Ø6.3 mm
MOUNTING	recessed (wall, ground) max depth 10 mm
ACCESSORIES	see p. 720
PHOTOMETRIC DATA	see p. 804

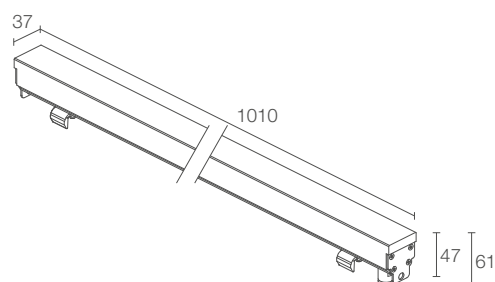
RIO SUB 2



RIO SUB 2.1



RIO SUB 2.2

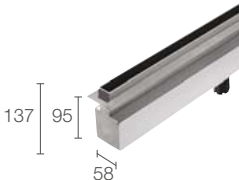
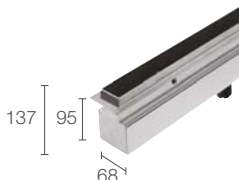


POWER / POWER SUPPLY	10W 24Vdc white light 510 mm 8.5W 24Vdc RGB light 510 mm
CODE	RS2100 ■ D B
LED COLOUR	F - 2600K 5 - 2800K 9 - 3700K 6 - RGB
OPTICS	diffuse
LUMEN OUTPUT AT SOURCE	1056 lm (2800K) RGB: 140 lm, R: 30 lm G: 90 lm B: 20 lm
DELIVERED LUMEN OUTPUT	290 lm (2800K) RGB: 100 lm, R: 22 lm G: 64 lm B: 14 lm
NO. AND TYPE OF LED	96 low-power SMD LEDs 3-step MacAdam RGB: full-colour SDM LEDs 50000h L95 B10 (Ta 25°C)
MATERIAL	body in PMMA screen in opal PMMA end caps in AISI 316L stainless steel
POWER SUPPLY UNIT	not included, see p. 720
POWER CABLES	includes 5 m neoprene cable H05RN-F 2x1.00 Ø6.8 mm RGB: includes 5 m FEP+PCP cable (equivalent to H05RN-F) 4x0.50/0.50 Ø6.3 mm
MOUNTING	recessed (wall, ground) max depth 10 mm
ACCESSORIES	see p. 720
PHOTOMETRIC DATA	see p. 804

POWER / POWER SUPPLY	19W 24Vdc white light 1010 mm 17W 24Vdc RGB light 1010 mm
CODE	RS2200 ■ D B
LED COLOUR	F - 2600K 5 - 2800K 9 - 3700K 6 - RGB
OPTICS	diffuse
LUMEN OUTPUT AT SOURCE	2112 lm (2800K) RGB: 280 lm, R: 60 lm G: 180 lm B: 40 lm
DELIVERED LUMEN OUTPUT	580 lm (2800K) RGB: 200 lm, R: 44 lm G: 128 lm B: 28 lm
NO. AND TYPE OF LED	192 low-power SMD LEDs 3-step MacAdam RGB: full-colour SDM LEDs 50000h L95 B10 (Ta 25°C)
MATERIAL	body in PMMA screen in opal PMMA end caps in AISI 316L stainless steel
POWER SUPPLY UNIT	not included, see p. 720
POWER CABLES	includes 5 m neoprene cable H05RN-F 2x1.00 Ø6.8 mm RGB: includes 5 m FEP+PCP cable (equivalent to H05RN-F) 4x0.50/0.50 Ø6.3 mm
MOUNTING	recessed (wall, ground) max depth 10 mm
ACCESSORIES	see p. 720
PHOTOMETRIC DATA	see p. 804

RIO SUB

ACCESSORIES AND POWER SUPPLY UNITS

	RIO SUB 1.1	RIO SUB 1.2	RIO SUB 2.1	RIO SUB 2.2
ACCESSORIES FOR INSTALLATION				
 <p>137 95 58</p> <p>Stainless steel outer casing</p>	<p>WC8551 545 mm</p>	<p>WC8552 1045 mm</p>		
 <p>137 95 68</p> <p>Stainless steel outer casing</p>			<p>WC8651 545 mm</p>	<p>WC8652 1045 mm</p>

POWER SUPPLY UNITS

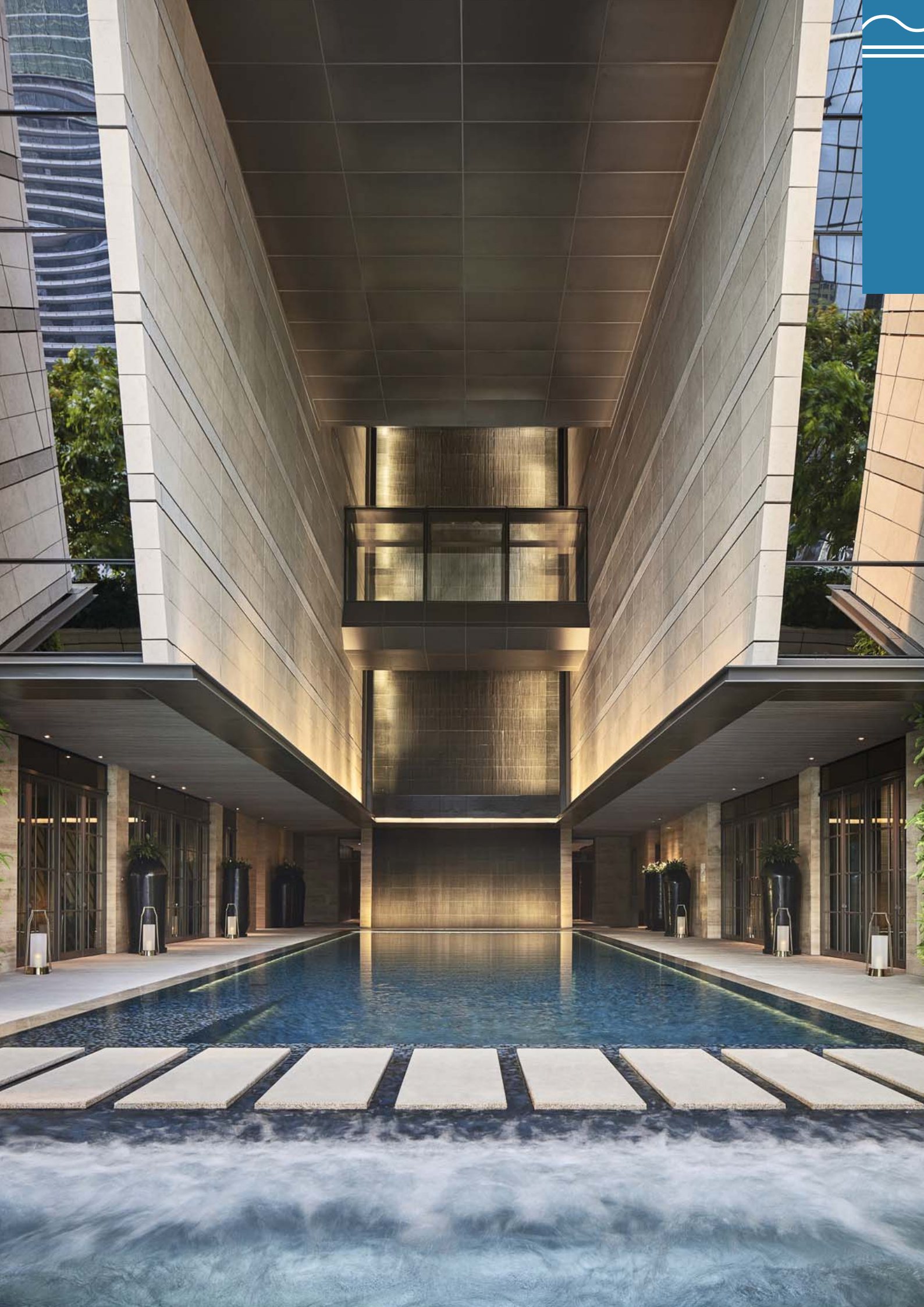
Max no. fixtures	PSU	IP	Page
1...n	24Vdc	20	847
1...n	24Vdc	67	847
-	RGB controller	-	855 - 860

RIO SUB 2 >
3700K, 19W/m, version with customized lengths and installation

Project by / KPF, Tandem Architects
Light planning by / Be Lit
Lighting supplier / Mosaic Eins
Rosewood Hotel, Bangkok, Thailand

∨
RIO SUB 2.2
2800K, 19W
MOBY 1.1
RGBW, 9W, 62°







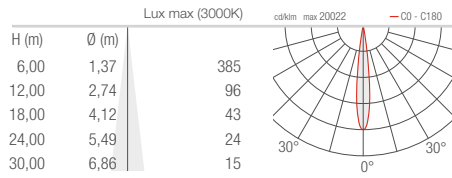
PHOTOMETRIC DATA

AKRO

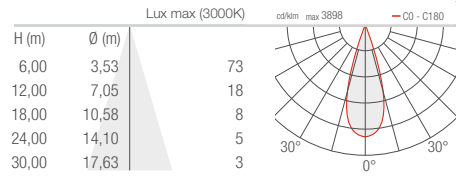
OUTDOOR PROJECTORS

AKRO 1.0
1.1
1.2

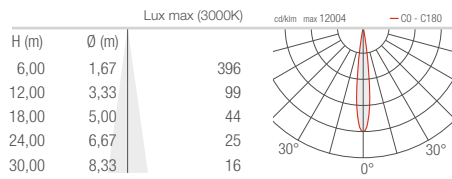
R1 - 13° (13°-32°) CRI 80



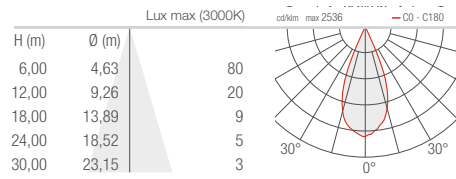
R1 - 32° (13°-32°) CRI 80



R2 - 16° (16°-42°) CRI 80



R2 - 42° (16°-42°) CRI 80



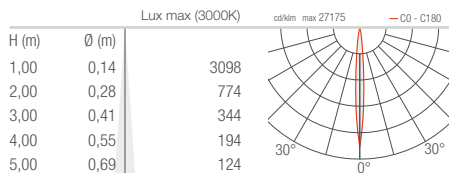


BEAM

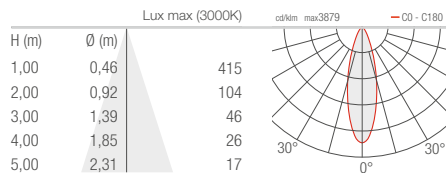
OUTDOOR RECESSED

BEAM 1.0

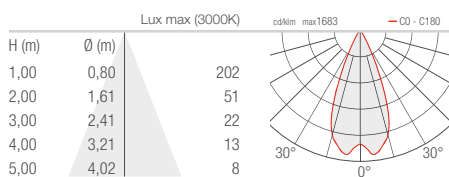
S - 8°



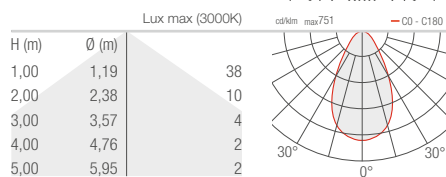
M - 26°



L - 44°



D - Diffuse

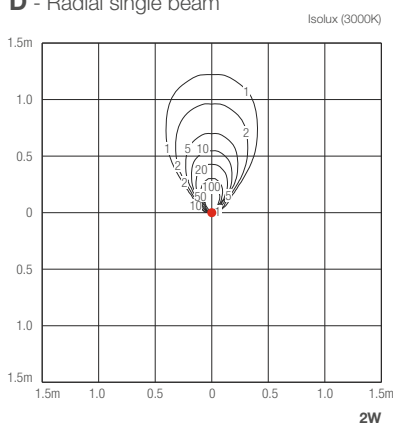


BEAM

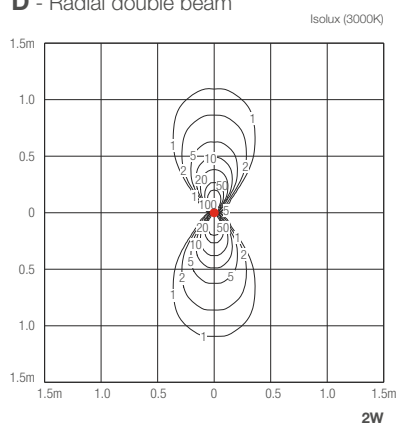
OUTDOOR STEP LIGHTS

BEAM 2.0 2.1 2.6 2.7

D - Radial single beam



D - Radial double beam

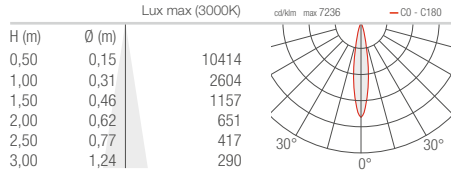


BITPOP

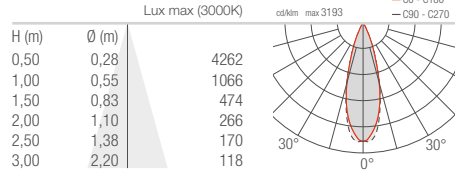
INDOOR RECESSED

BITPOP 1.0

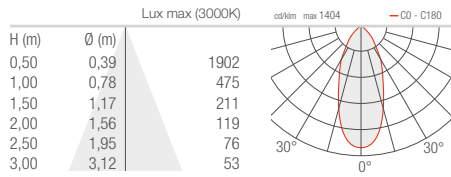
S - 17°



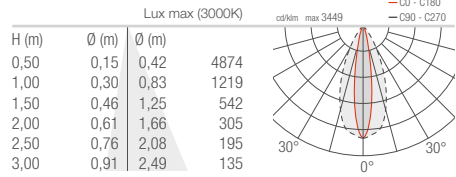
F - 30°



L - 42°

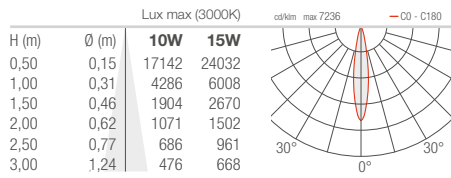


W - 17°x45°

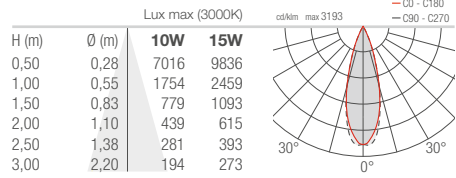


BITPOP 2.1

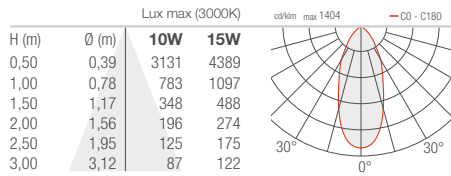
S - 17°



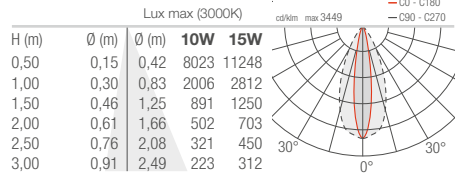
F - 30°



L - 42°



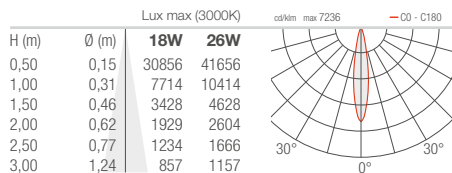
W - 17°x45°



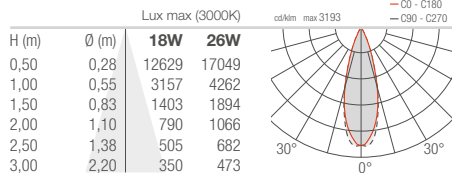


BITPOP 2.2 4.1

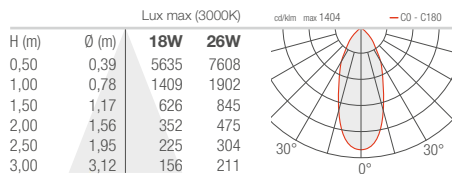
S - 17°



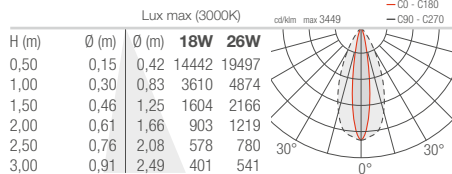
F - 30°



L - 42°

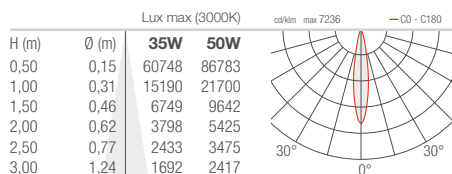


W - 17°x45°

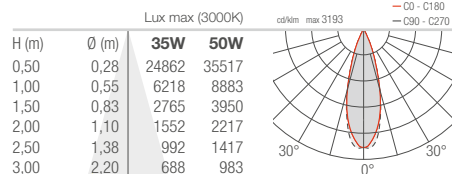


BITPOP 8.1

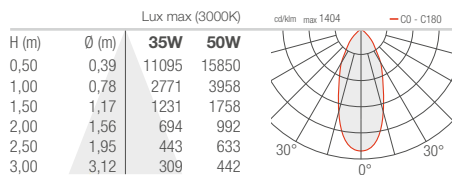
S - 17°



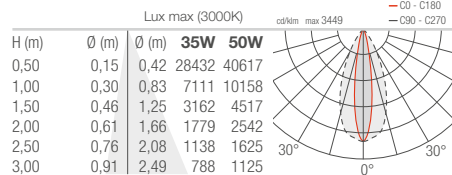
F - 30°



L - 42°



W - 17°x45°

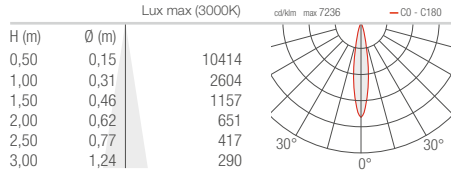


BITPOP C

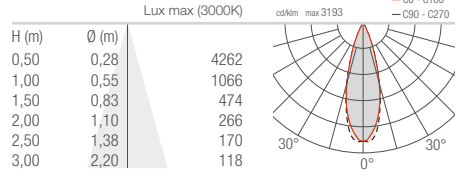
INDOOR CEILING MOUNTED

BITPOP C 1.0

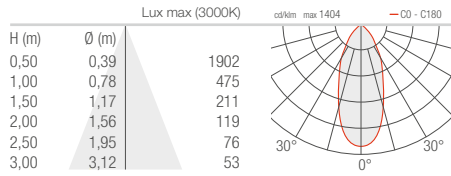
S - 17°



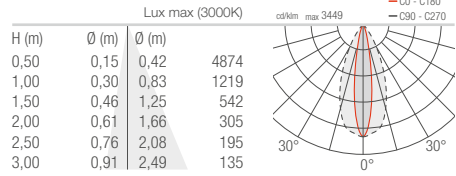
F - 30°



L - 42°

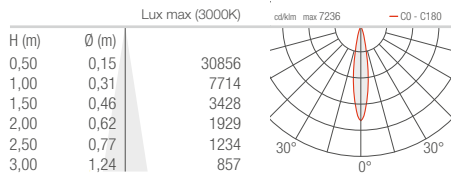


W - 17°x45°

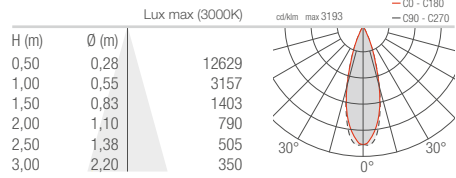


BITPOP C 2.2 4.1

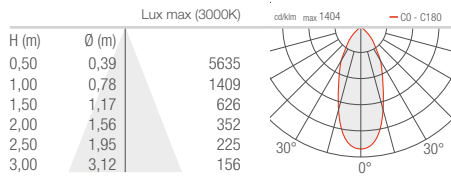
S - 17°



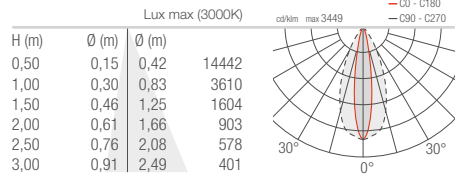
F - 30°



L - 42°



W - 17°x45°



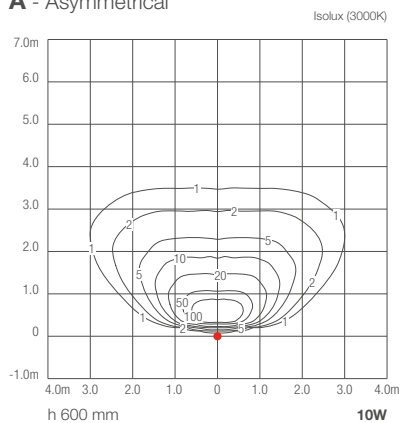


BITTA

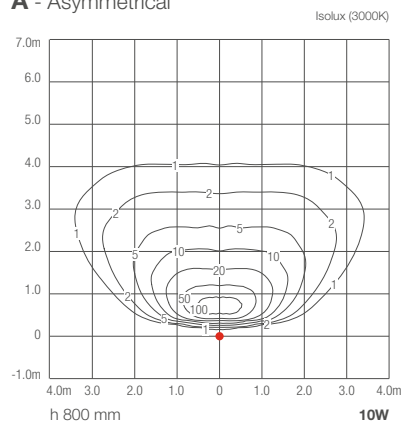
OUTDOOR BOLLARDS

BITTA 1.0

A - Asymmetrical



A - Asymmetrical

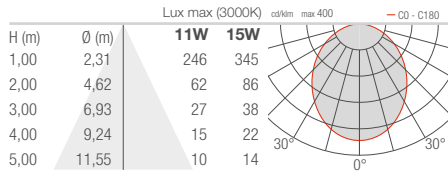


BRENTA

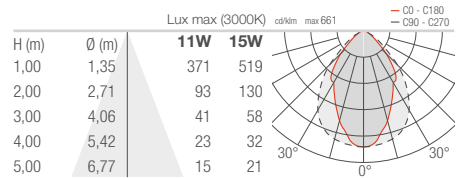
INDOOR LINEAR PROFILES

BRENTA 1

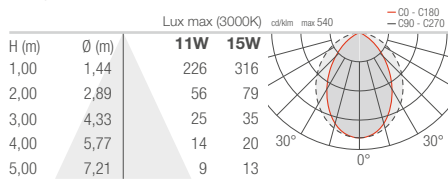
Diffuse
flush installation - 562 mm



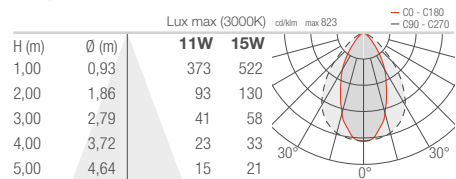
Microprismatic
flush installation - 562 mm



Diffuse
deep-set installation - 562 mm

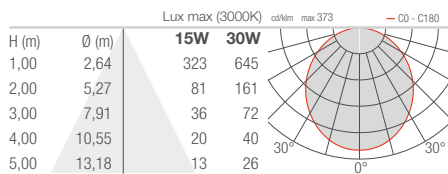


Microprismatic
deep-set installation - 562 mm

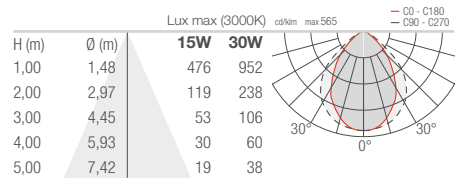


BRENTA 2

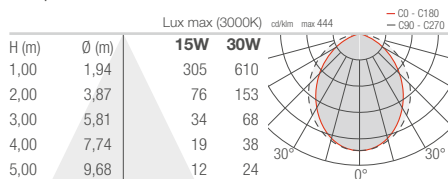
Diffuse
flush installation - 562 mm



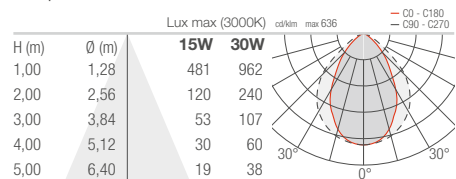
Microprismatic
flush installation - 562 mm



Diffuse
deep-set installation - 562 mm



Microprismatic
deep-set installation - 562 mm



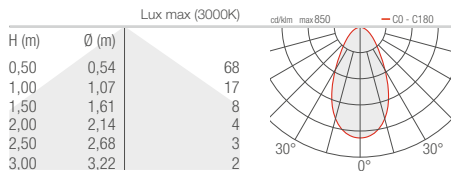


BRIGHT

OUTDOOR RECESSED

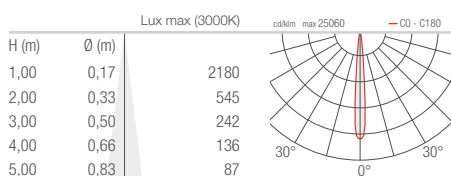
BRIGHT MINI 1.0 1.1

D - Diffuse

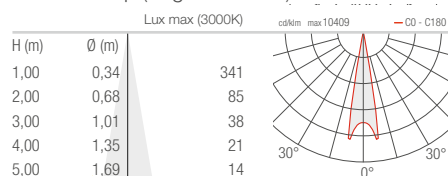


BRIGHT 1.0 1.1 1.2 1.6 1.7

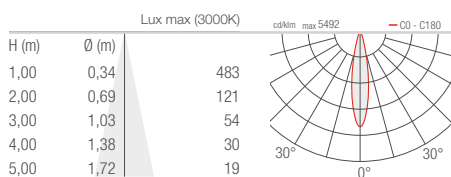
S - 10°



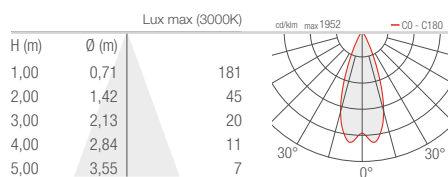
V - 19° sharp (Bright 1.0 / 1.6)



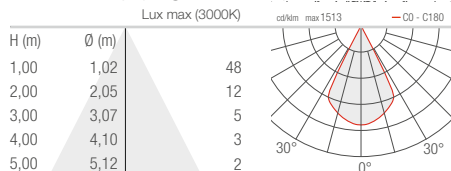
M - 20°



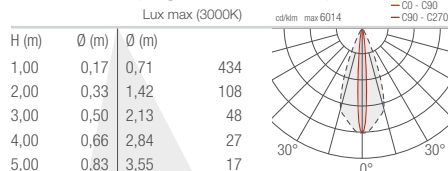
L - 40°



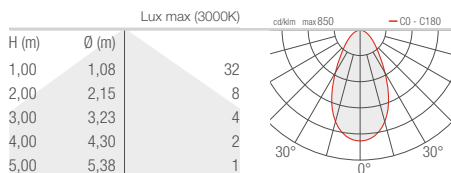
T - 54° sharp (Bright 1.0 / 1.6)



W - 10°x45° (Bright 1.0 / 1.2 / 1.6)

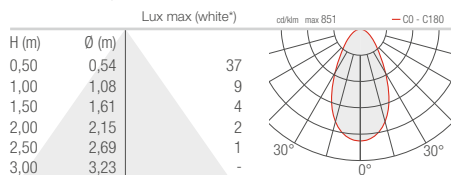


D - Diffuse

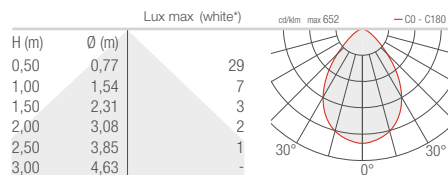


BRIGHT 1.8 1.9

DT - Transparent diffuse



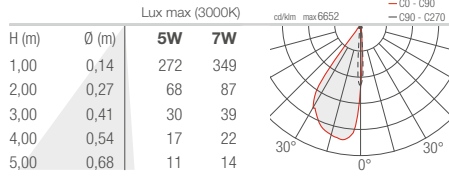
DS - Sandblasted diffuse



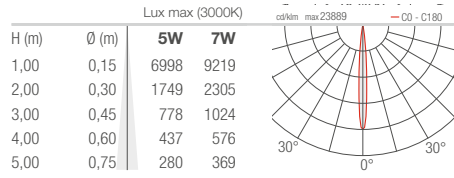
* White created by mixing the colours

BRIGHT 2.4 2.5

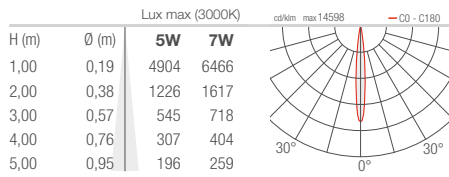
Z - Asymmetrical 8° CRI 80



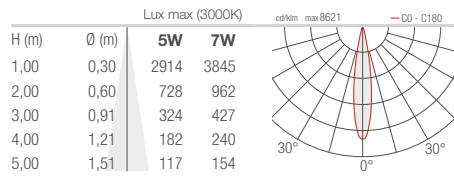
V - 8° CRI 80



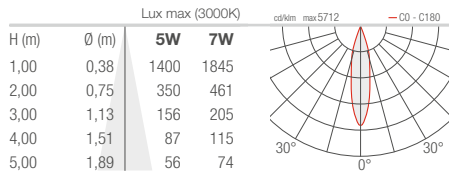
T - 11° CRI 80



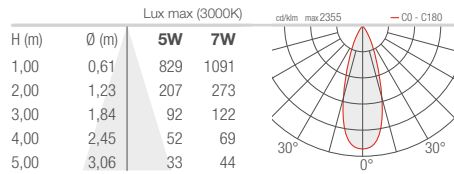
S - 17° CRI 80



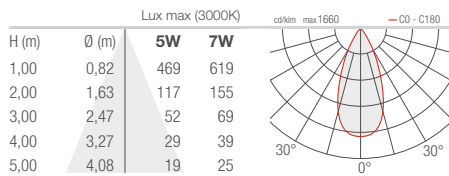
P - 21° sharp CRI 80



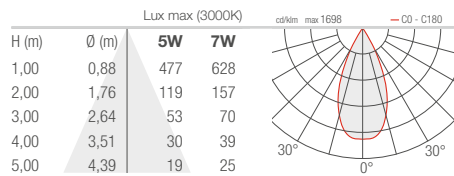
M - 34° CRI 80



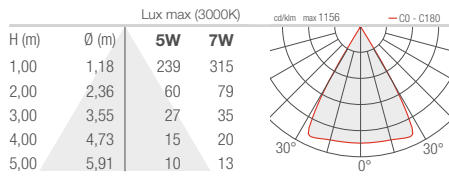
L - 45° CRI 80



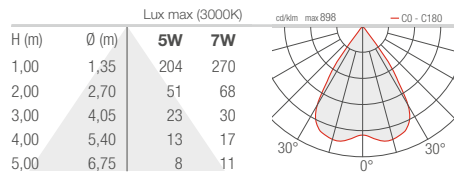
J - 47° CRI 80



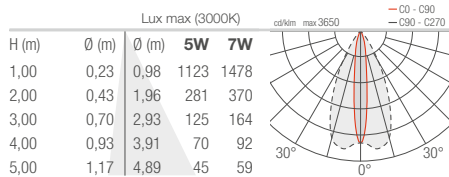
Q - 61° sharp CRI 80



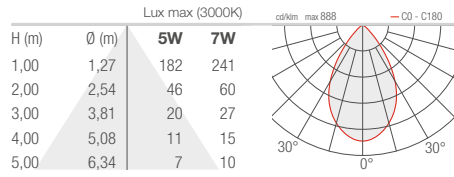
K - 68° CRI 80



W - 13°x52° CRI 80



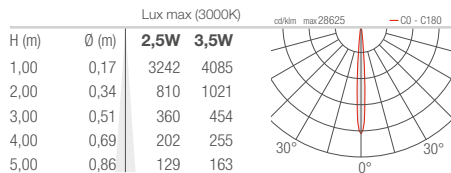
D - Diffuse CRI 80



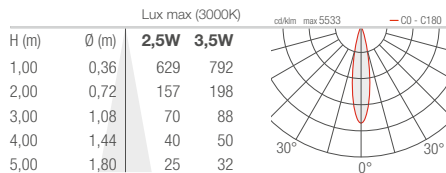


**BRIGHT 2.8
2.9**

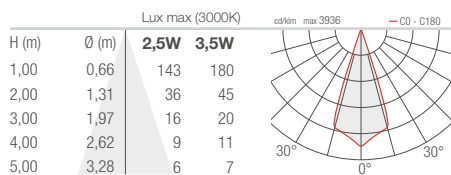
S - 8°



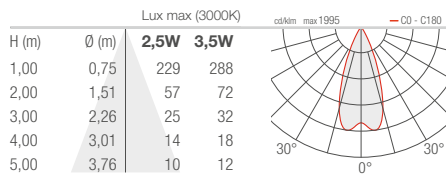
M - 20°



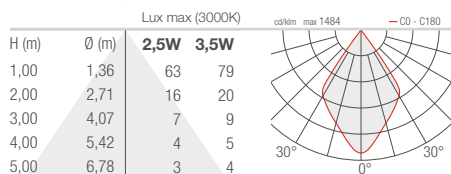
P - 36° sharp



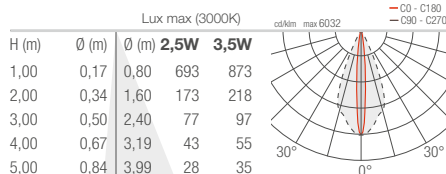
L - 41°



Q - 68° sharp

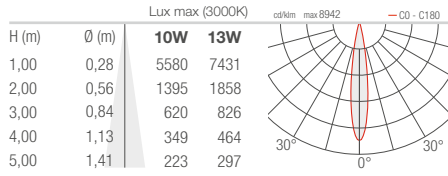


W - 10°x44°

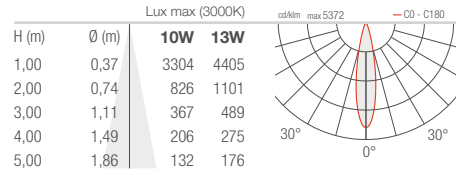


BRIGHT 3.F

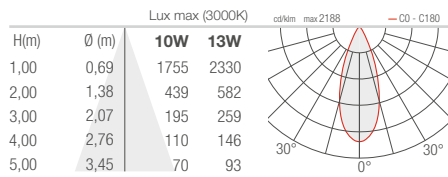
S - 16° CRI 80



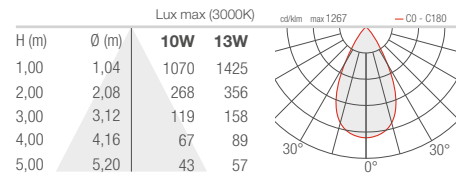
M - 21° CRI 80



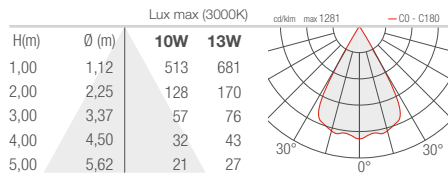
L - 38° CRI 80



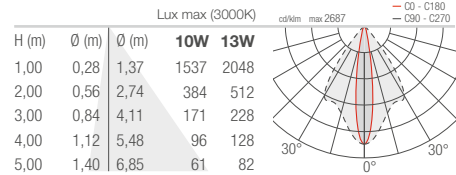
K - 55° CRI 80



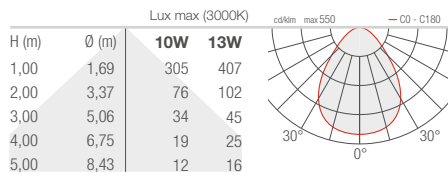
P - 58° sharp CRI 80



W - 16°x69° adjustable CRI 80

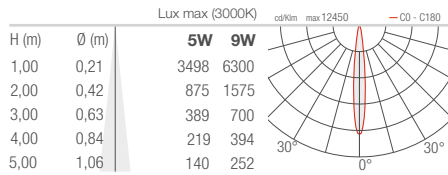


D - Diffuse CRI 80

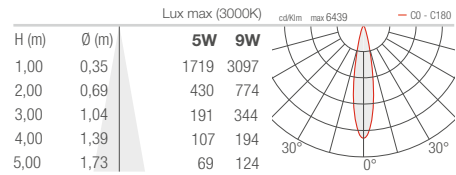


BRIGHT 3.G

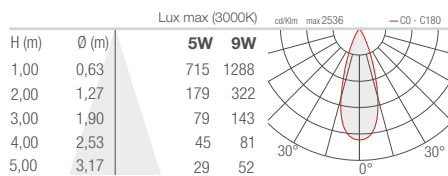
S - 12° CRI 80



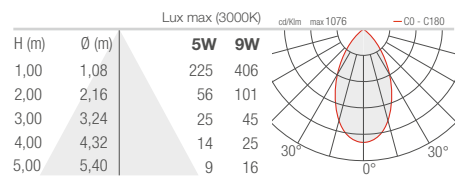
M - 20° CRI 80



L - 35° CRI 80



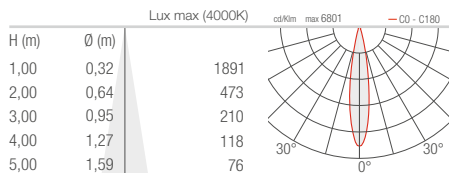
K - 57° CRI 80



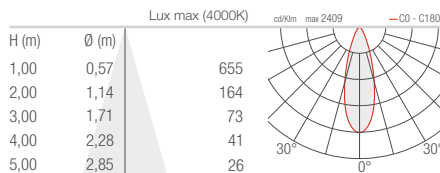


BRIGHT 3.H

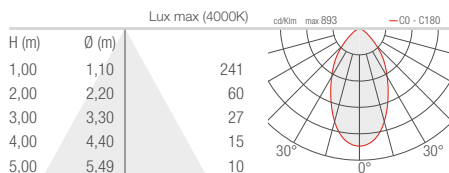
S - 18°



M - 32°

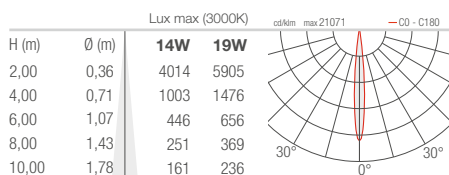


L - 58°

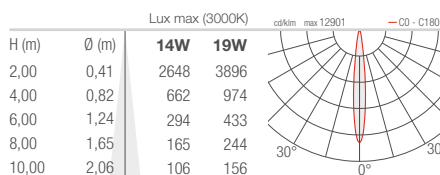


BRIGHT 5.F

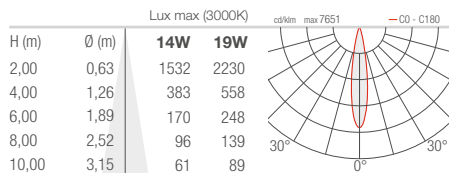
V- 10° CRI 80



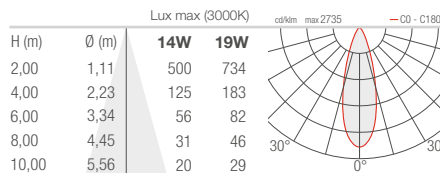
T- 12° CRI 80



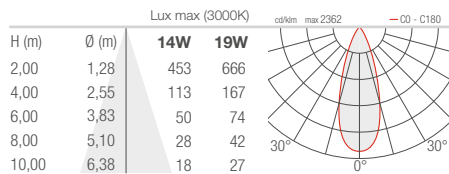
S- 18° CRI 80



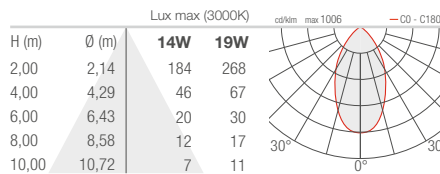
M- 31° CRI 80



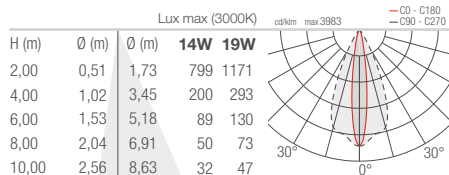
L- 35° CRI 80



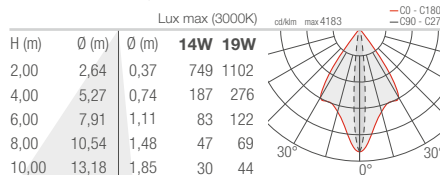
K- 56° CRI 80



W- 15°x47° CRI 80

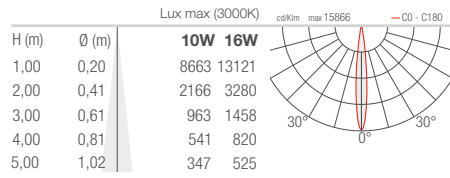


X- 67°x11° adjustable CRI 80

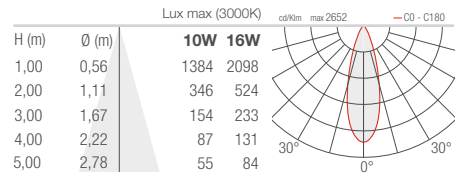


BRIGHT 5.G

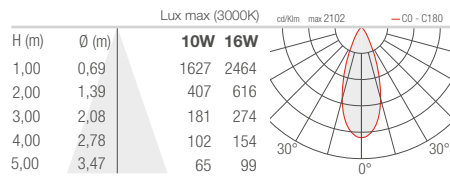
S - 12° CRI 80



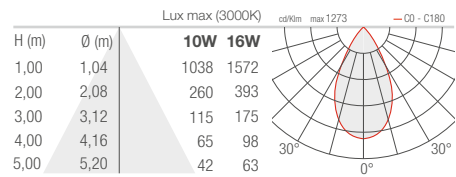
M - 31° CRI 80



L - 38° CRI 80

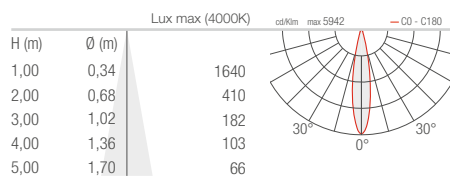


K - 55° CRI 80

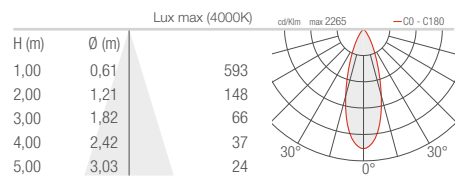


BRIGHT 5.H

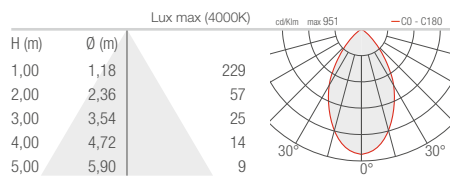
S - 20°



M - 34°



L - 61°

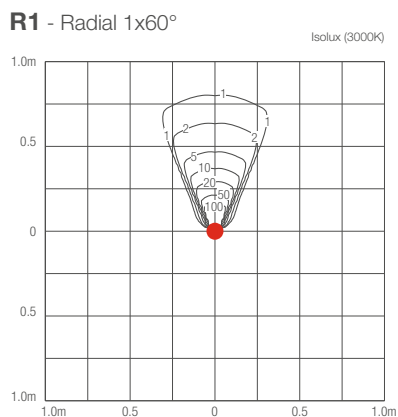




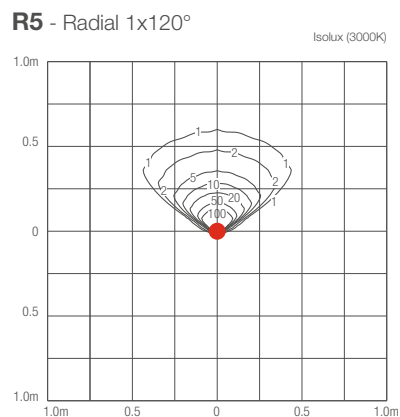
BRIGHT

OUTDOOR STEP LIGHTS

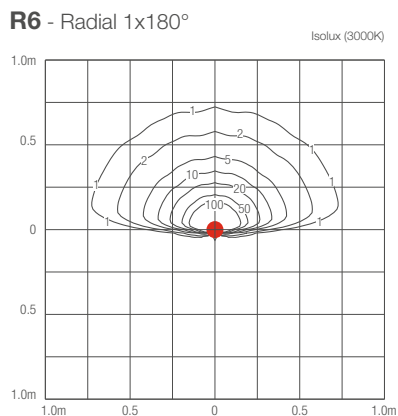
BRIGHT 1.A 1.B



Bright 1.A **2W**
Bright 1.B **3.5W**

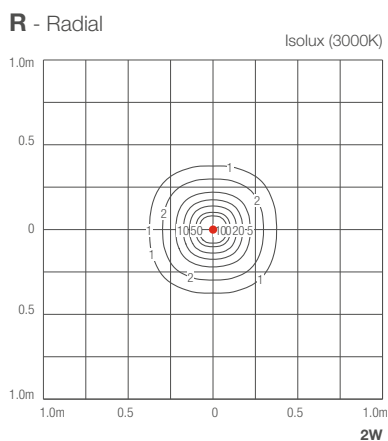


Bright 1.A **2W**
Bright 1.B **3.5W**

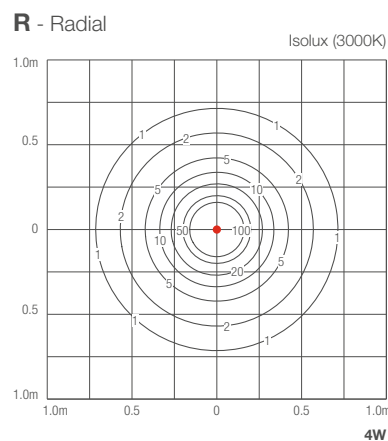


Bright 1.A **2W**
Bright 1.B **3.5W**

BRIGHT 4.7



BRIGHT 9.7

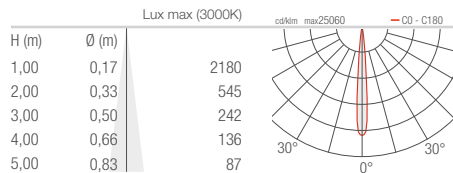


BRIGHT 316L

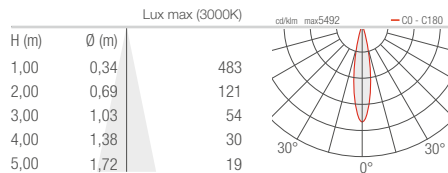
UNDERWATER RECESSED

BRIGHT 1.0 316L 1.6 316L

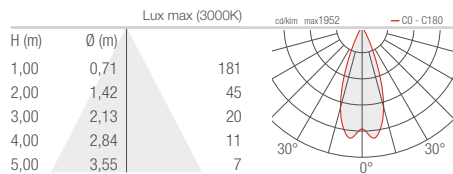
S - 10°



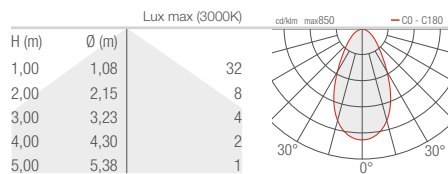
M - 20°



L - 40°

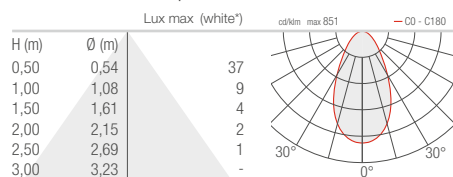


D - Diffuse

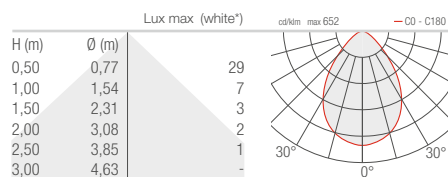


BRIGHT 1.8 316L

DT - Diffuse transparent



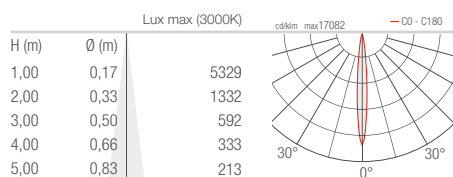
DS - Diffuse sandblasted



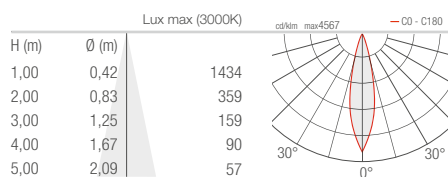
* White created by mixing the colours

BRIGHT 2.0 316L 2.6 316L

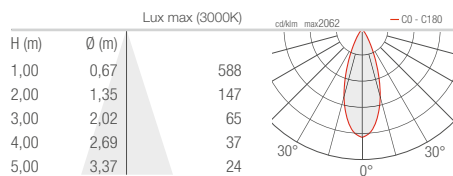
S - 10°



M - 24°

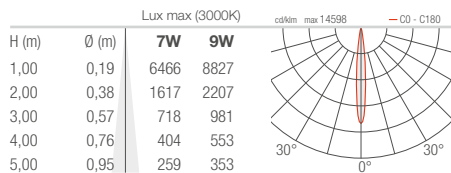


L - 38°

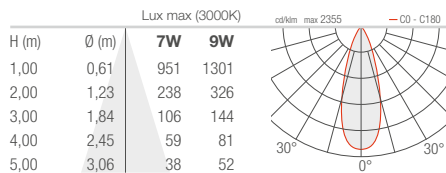




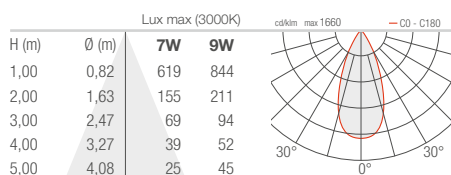
BRIGHT 3.0 316L S - 11°



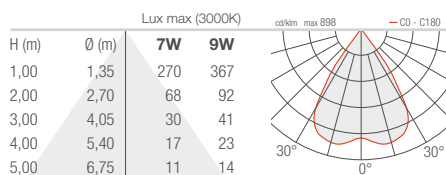
M - 34°



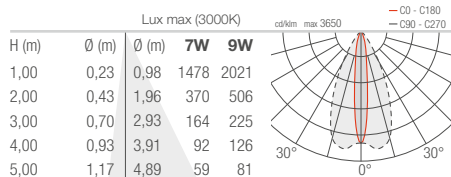
L - 45°



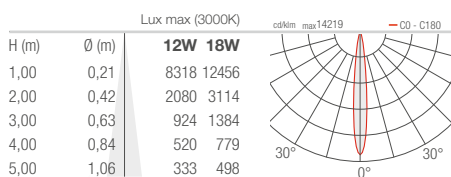
K - 68°



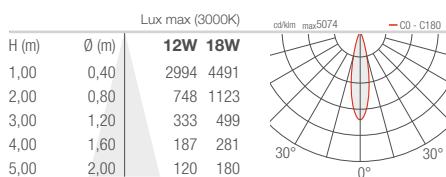
W - 13°x52°



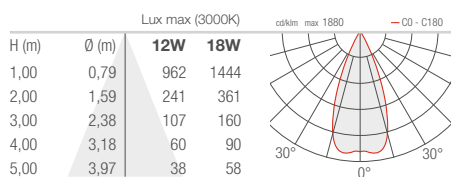
BRIGHT 5.0 316L S - 10°



M - 20°



L - 40°

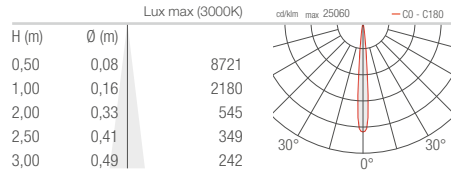


BROM

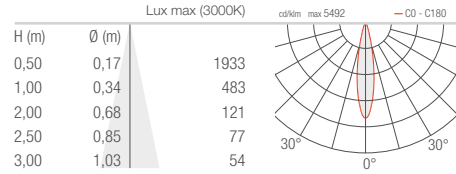
OUTDOOR WALL MOUNTED

BROM 1.0

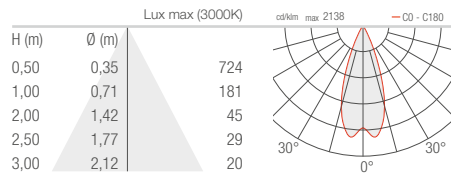
S - 10°



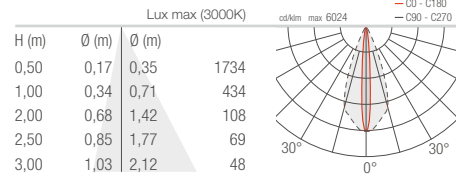
M - 20°



L - 40°

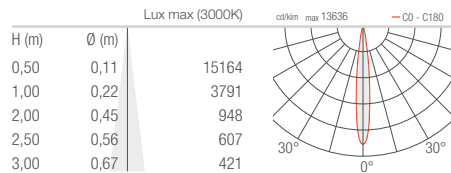


W - 10°x45°

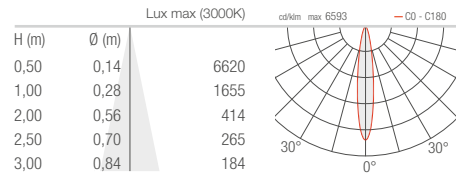


BROM 3.0

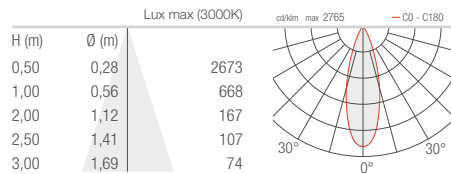
S - 12°



M - 20°



L - 35°



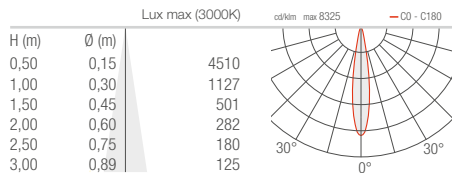


CAMEO

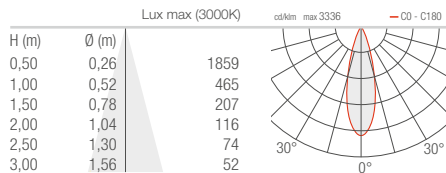
INDOOR RECESSED

CAMEO 1.0
1.1
1.6
1.7

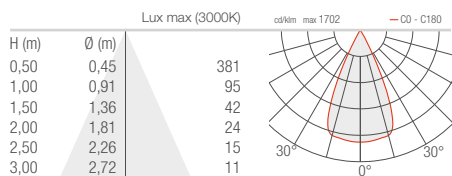
S - 17°



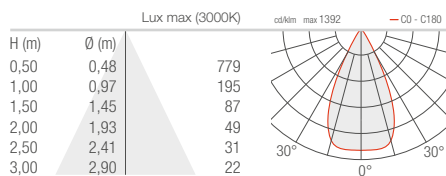
M - 29°



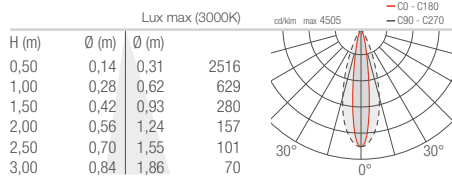
P - 48° sharp



L - 52°

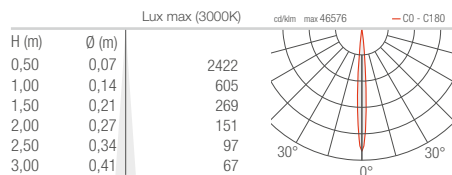


W - 16°x34°

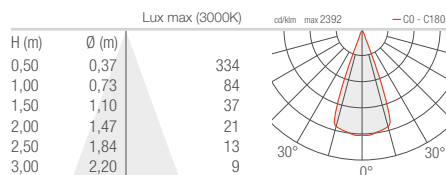


CAMEO 1.2
1.8

R1 - 8° (8°-40°)

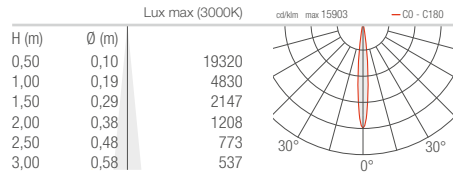


R1 - 40° (8°-40°)

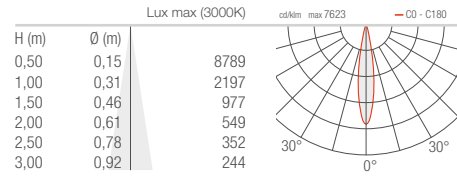


CAMEO 2.6 2.7

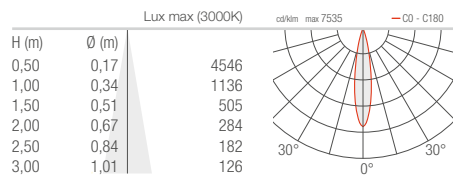
S - 11°



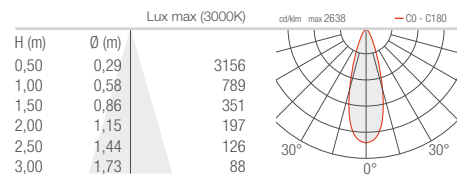
M - 17°



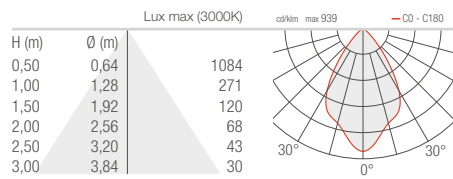
P - 19° sharp



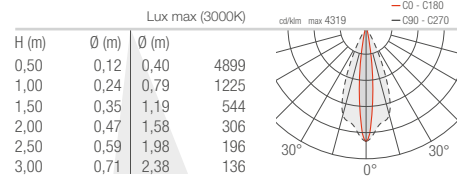
L - 32°



J - 65°

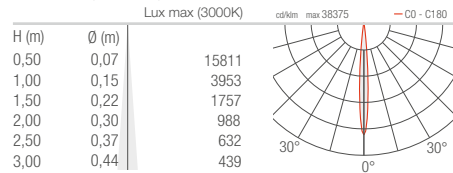


W - 13°x43°

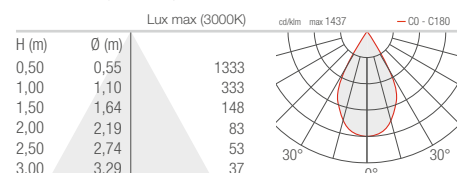


CAMEO 2.8

R1 - 8° (8°-58°)



R1 - 58° (8°-58°)



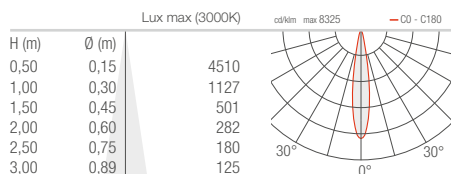


CIAK

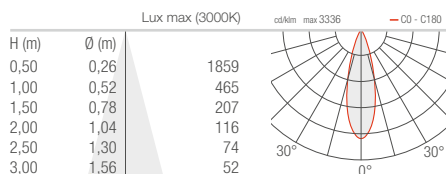
INDOOR RECESSED

CIAK 1.0
1.1
1.6
1.7

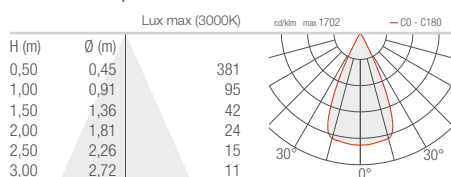
S - 17°



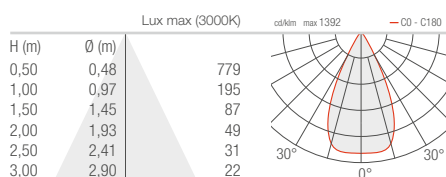
M - 29°



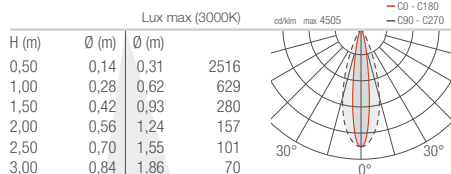
P - 48° sharp



L - 52°

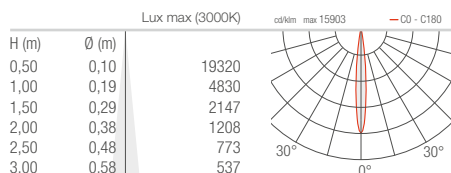


W - 16°x34°

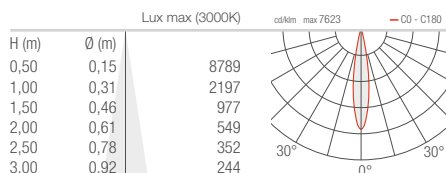


CIAK 2.6
2.7

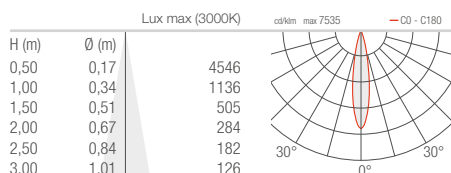
S - 11°



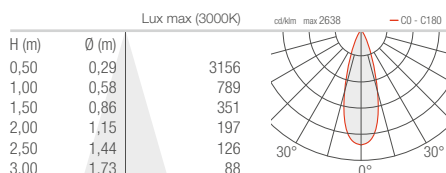
M - 17°



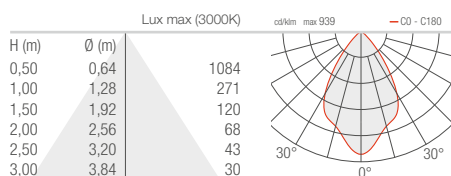
P - 19° sharp



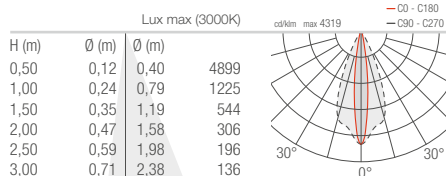
L - 32°



J - 65°



W - 13°x43°

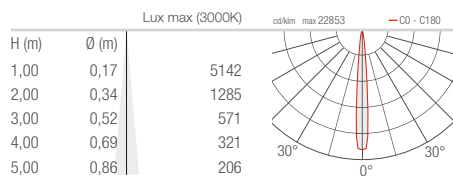


CITY

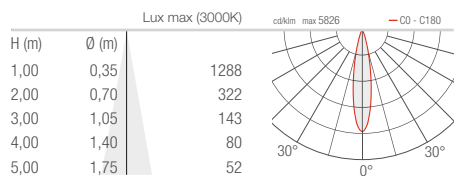
INDOOR PROJECTORS

CITY 1.0

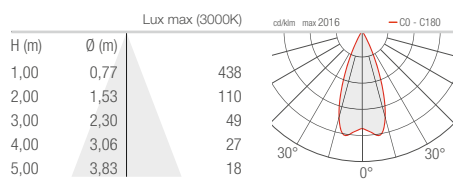
S - 10°



M - 25°



L - 40°



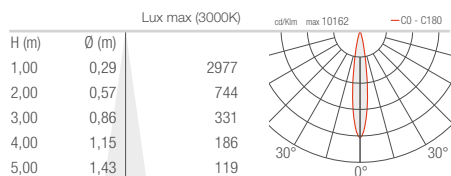


COMBINA D

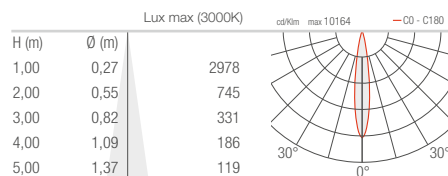
INDOOR RECESSED

COMBINA D 1.0 1.1

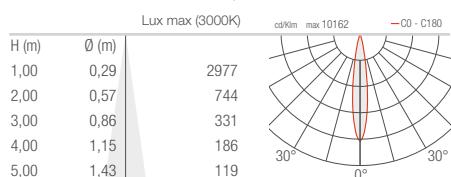
S - 16° CRI 90 - flat, round cover



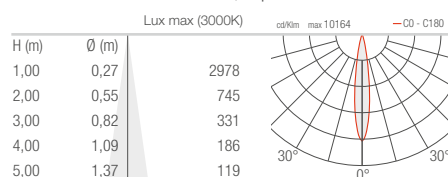
S - 16° CRI 90 - flat, square cover



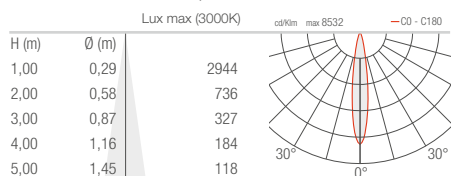
S - 16° CRI 90 - shallow, round cover



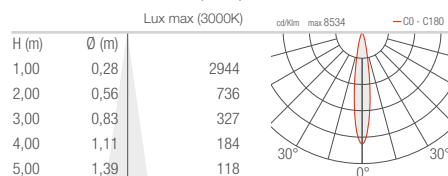
S - 16° CRI 90 - shallow, square cover



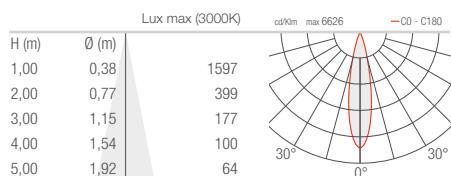
S - 16° CRI 90 - deep, round cover



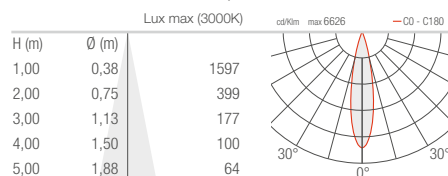
S - 16° CRI 90 - deep, square cover



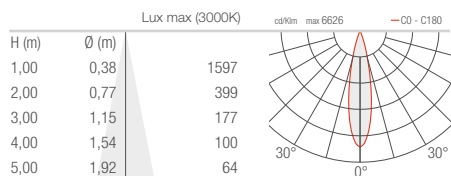
M - 22° CRI 90 - flat, round cover



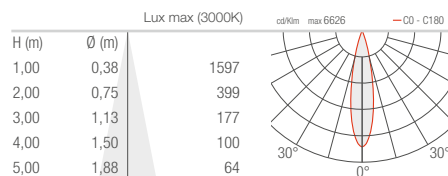
M - 22° CRI 90 - flat, square cover



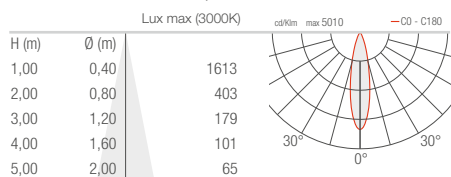
M - 22° CRI 90 - shallow, round cover



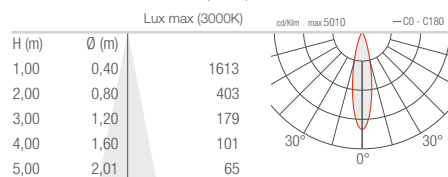
M - 22° CRI 90 - shallow, square cover



M - 23° CRI 90 - deep, round cover

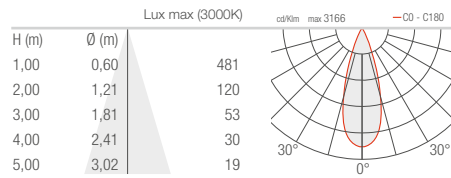


M - 23° CRI 90 - deep, square cover

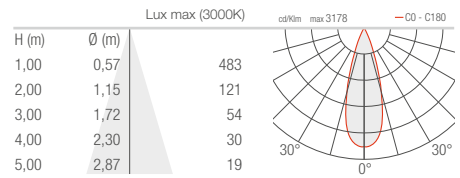


COMBINA D 1.0 1.1

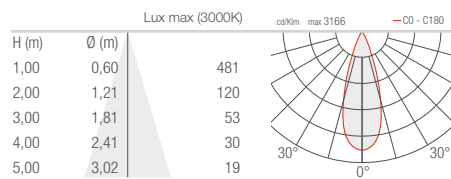
L - 33° CRI 90 - flat, round cover



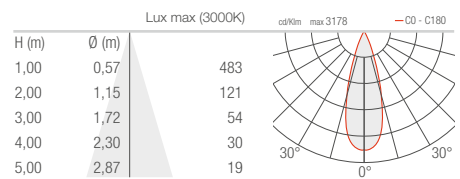
L - 33° CRI 90 - flat, square cover



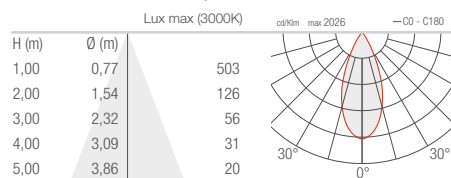
L - 33° CRI 90 - shallow, round cover



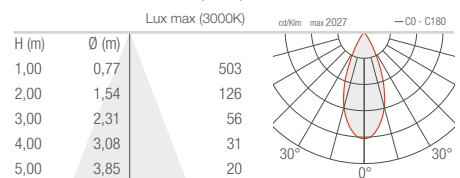
L - 33° CRI 90 - shallow, square cover



L - 42° CRI 90 - deep, round cover

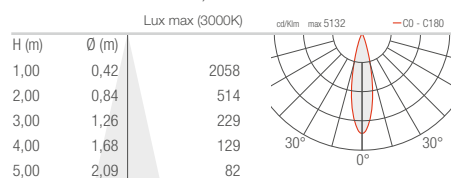


L - 42° CRI 90 - deep, square cover

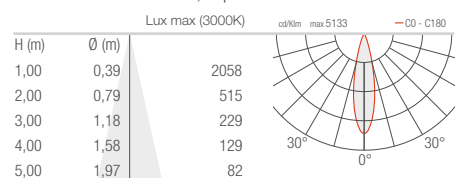


COMBINA D 2.0 2.1

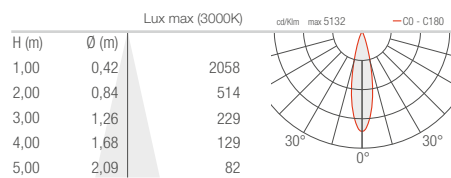
S - 25° CRI 90 - flat, round cover



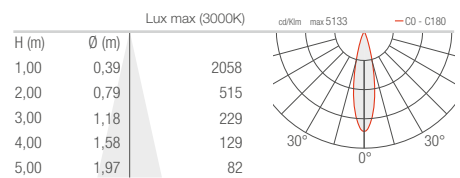
S - 25° CRI 90 - flat, square cover



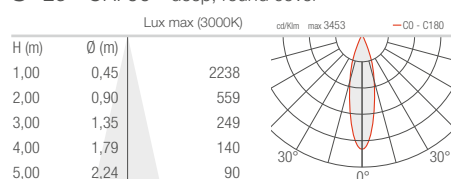
S - 25° CRI 90 - shallow, round cover



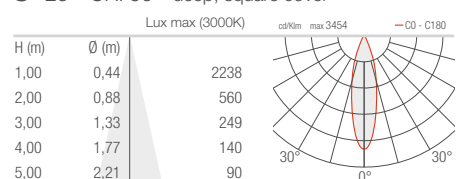
S - 25° CRI 90 - shallow, square cover



S - 25° CRI 90 - deep, round cover



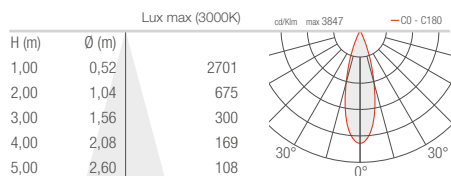
S - 25° CRI 90 - deep, square cover



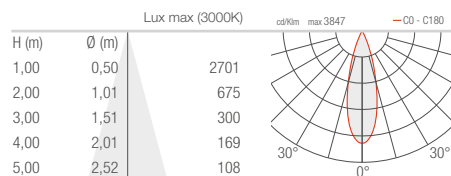


COMBINA D 2.0 2.1

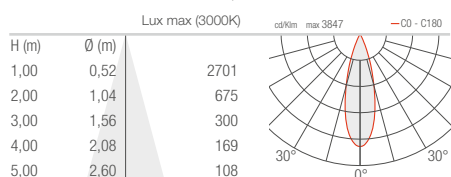
M - 30° CRI 90 - flat, round cover



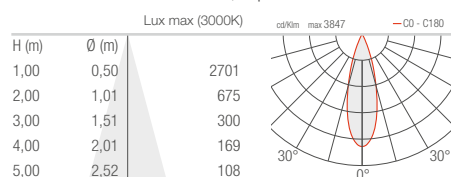
M - 30° CRI 90 - flat, square cover



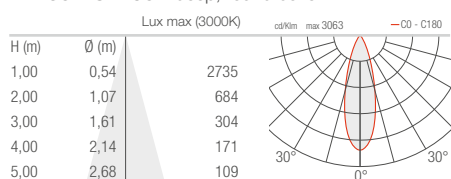
M - 30° CRI 90 - shallow, round cover



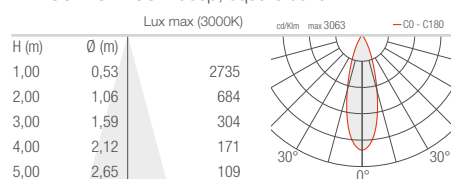
M - 30° CRI 90 - shallow, square cover



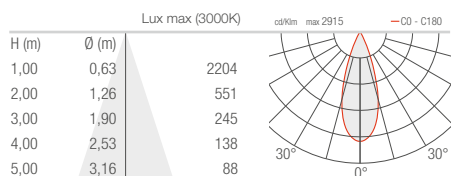
M - 30° CRI 90 - deep, round cover



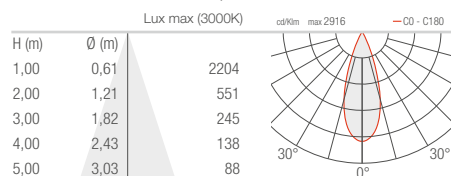
M - 30° CRI 90 - deep, square cover



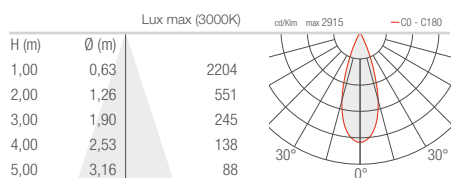
L - 36° CRI 90 - flat, round cover



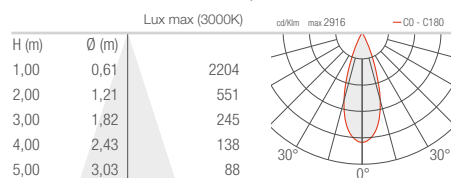
L - 36° CRI 90 - flat, square cover



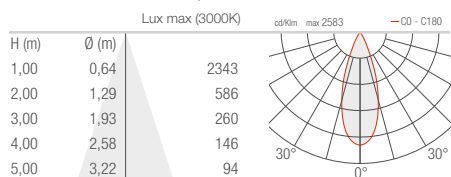
L - 36° CRI 90 - shallow, round cover



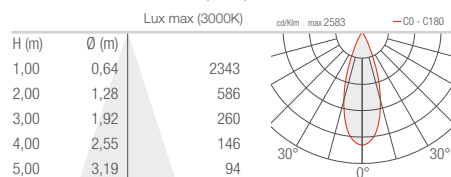
L - 36° CRI 90 - shallow, square cover



L - 36° CRI 90 - deep, round cover

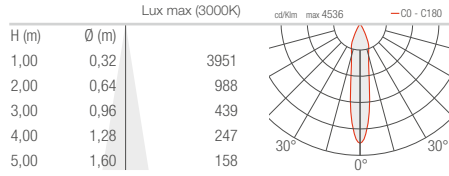


L - 36° CRI 90 - deep, square cover

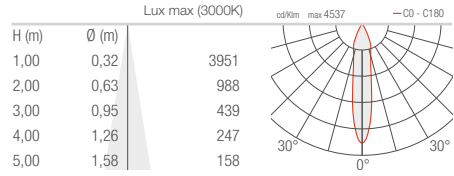


COMBINA D 3.0
3.1

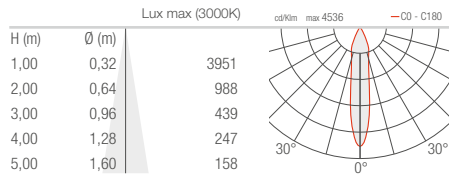
S - 18° CRI 90 - flat, round cover



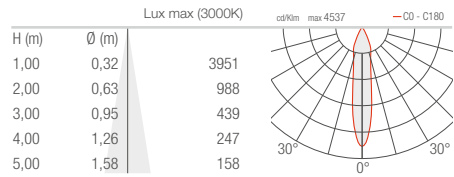
S - 18° CRI 90 - flat, square cover



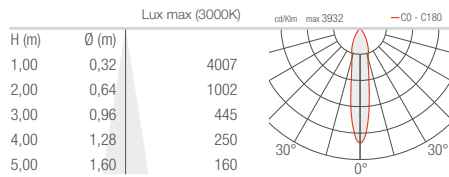
S - 18° CRI 90 - shallow, round cover



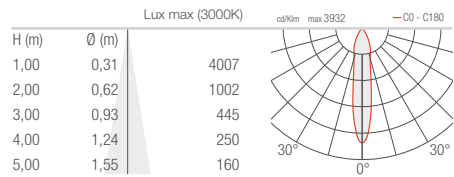
S - 18° CRI 90 - shallow, square cover



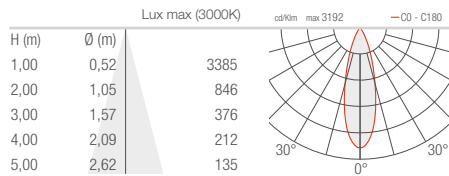
S - 18° CRI 90 - deep, round cover



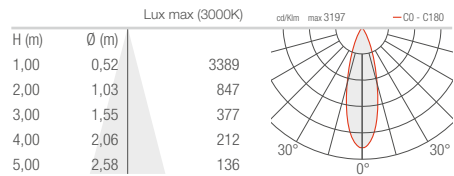
S - 18° CRI 90 - deep, square cover



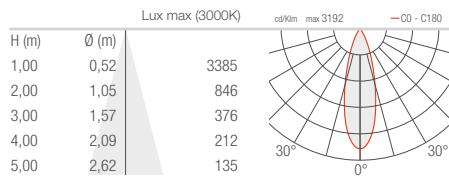
M - 29° CRI 90 - flat, round cover



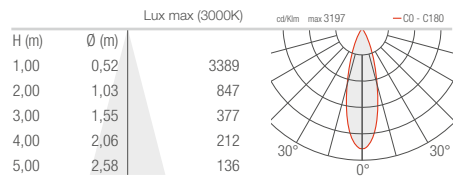
M - 29° CRI 90 - flat, square cover



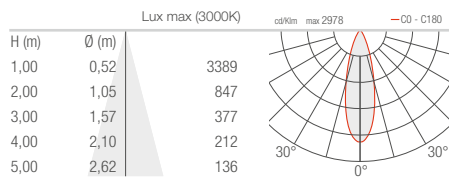
M - 29° CRI 90 - shallow, round cover



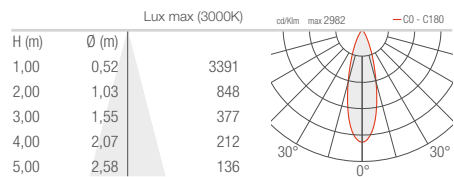
M - 29° CRI 90 - shallow, square cover



M - 29° CRI 90 - deep, round cover



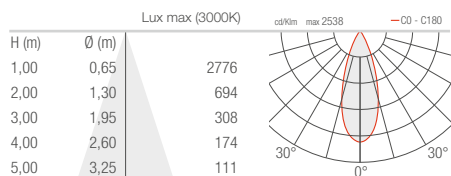
M - 29° CRI 90 - deep, square cover



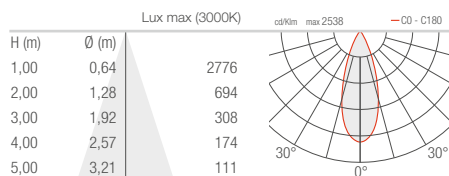


COMBINA D 3.0
3.1

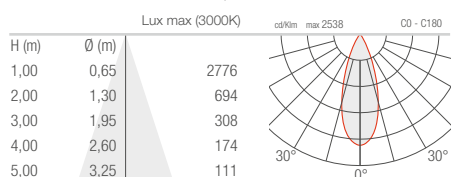
L - 36° CRI 90 - flat, round cover



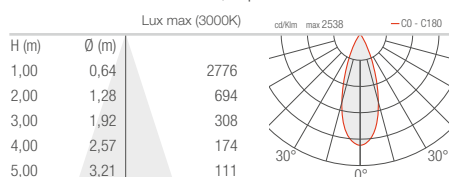
L - 36° CRI 90 - flat, square cover



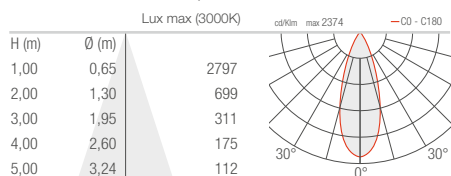
L - 36° CRI 90 - shallow, round cover



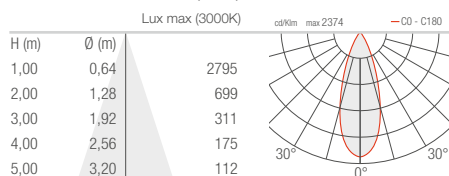
L - 36° CRI 90 - shallow, square cover



L - 36° CRI 90 - deep, round cover

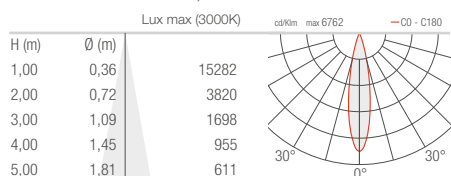


L - 36° CRI 90 - deep, square cover

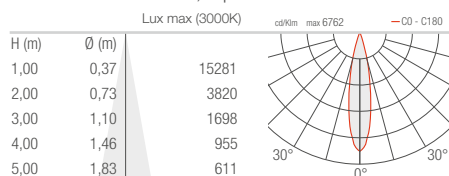


COMBINA D 4.0
4.1

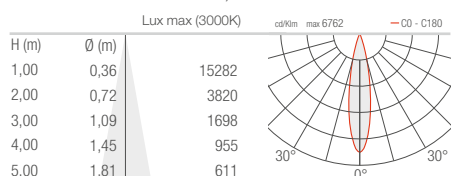
S - 20° CRI 90 - flat, round cover



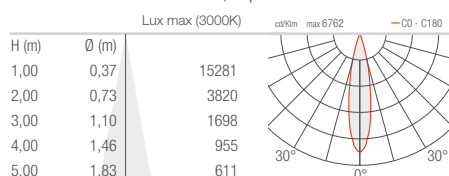
S - 20° CRI 90 - flat, square cover



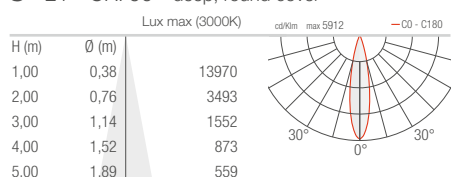
S - 20° CRI 90 - shallow, round cover



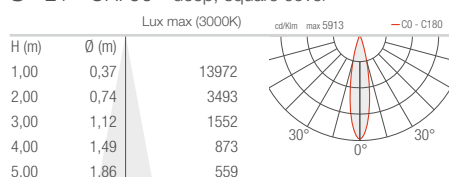
S - 20° CRI 90 - shallow, square cover



S - 21° CRI 90 - deep, round cover

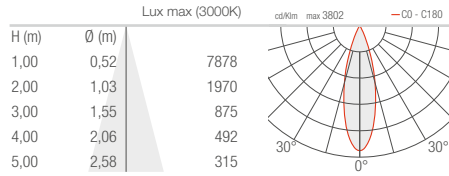


S - 21° CRI 90 - deep, square cover

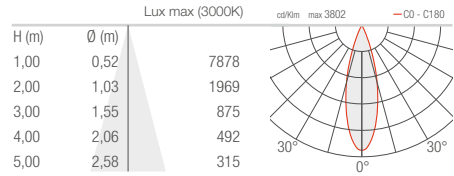


COMBINA D 4.0 4.1

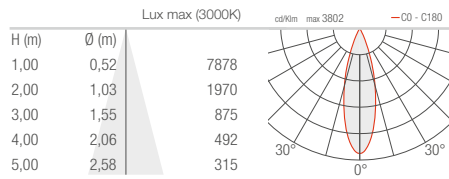
M - 29° CRI 90 - flat, round cover



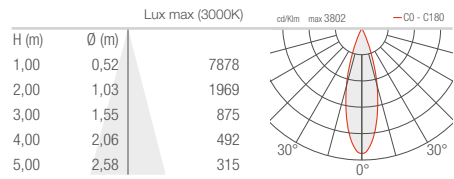
M - 29° CRI 90 - flat, square cover



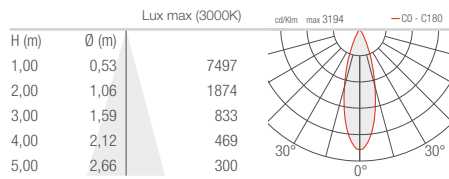
M - 29° CRI 90 - shallow, round cover



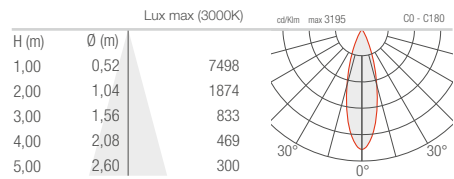
M - 29° CRI 90 - shallow, square cover



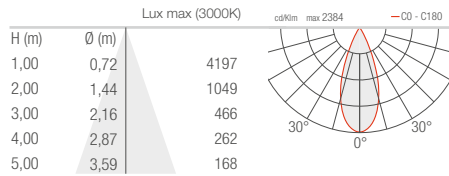
M - 30° CRI 90 - deep, round cover



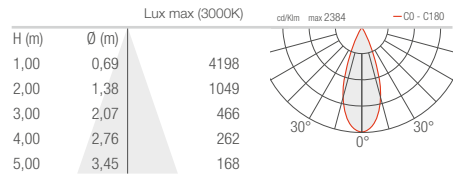
M - 30° CRI 90 - deep, square cover



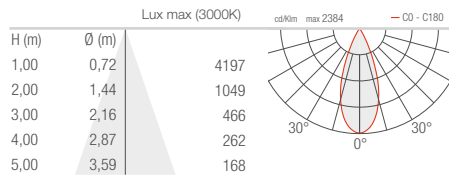
L - 38° CRI 90 - flat, round cover



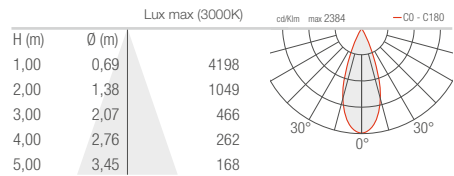
L - 38° CRI 90 - flat, square cover



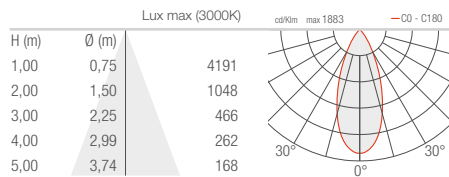
L - 38° CRI 90 - shallow, round cover



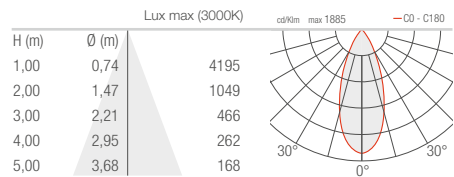
L - 38° CRI 90 - shallow, square cover



L - 41° CRI 90 - deep, round cover



L - 41° CRI 90 - deep, square cover



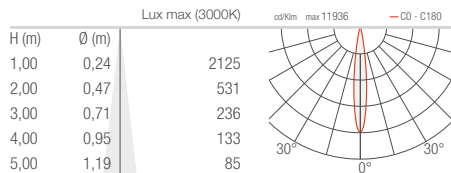


CORSO

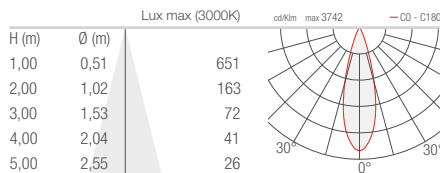
OUTDOOR RECESSED

CORSO 1.0

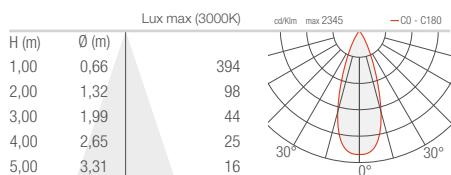
S - 13°



M - 28°

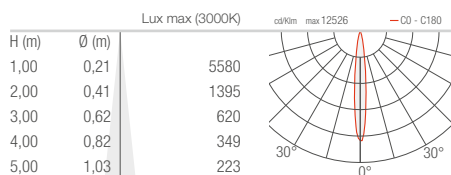


L - 37°

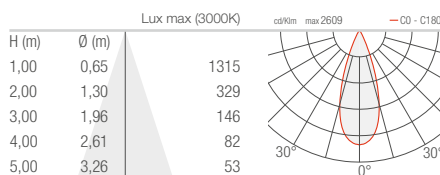


CORSO 2.0

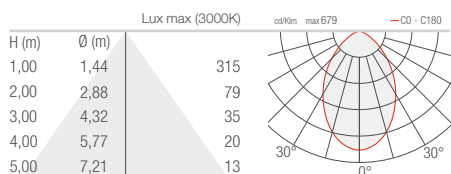
S - 12°



M - 36°

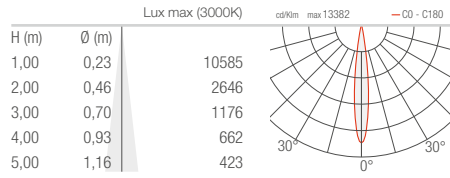


L - 70°

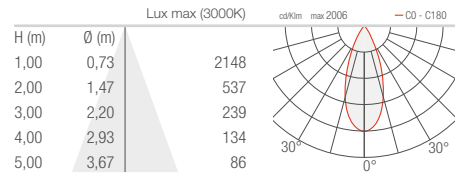


CORSO 3.0

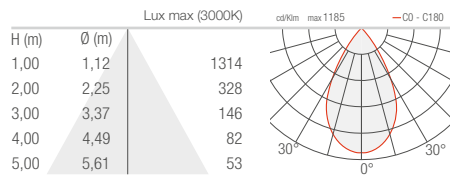
S - 13°



M - 40°

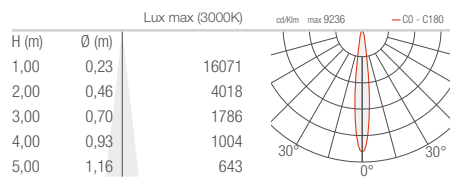


L - 58°

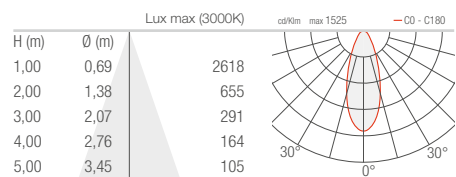


CORSO 4.0

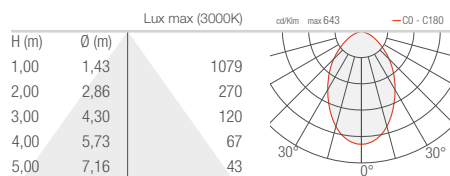
S - 13°



M - 38°



L - 71°



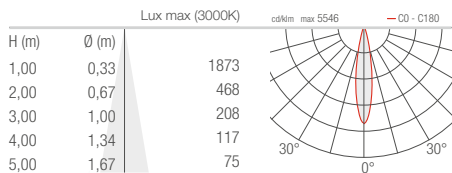


CUBE C / CUBE W

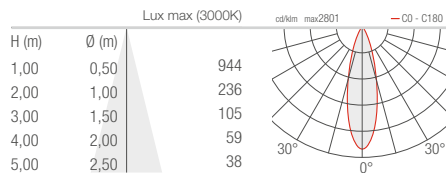
OUTDOOR CEILING MOUNTED / OUTDOOR WALL MOUNTED

CUBE C 1.2 CUBE W 1.0

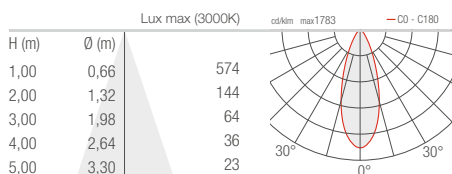
S - 18°



M - 28°

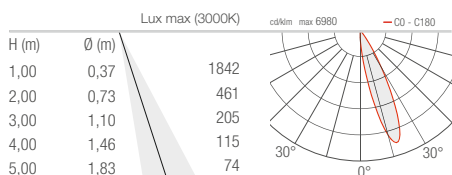


L - 36°

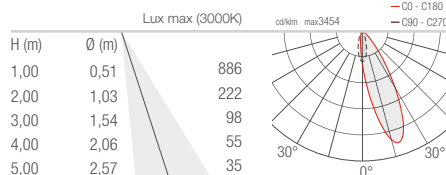


CUBE C 1.3 CUBE W 1.1

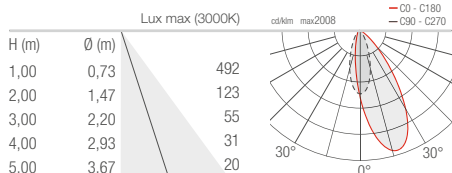
S - 18° tilted 20°



M - 28° tilted 20°



L - 36° tilted 20°

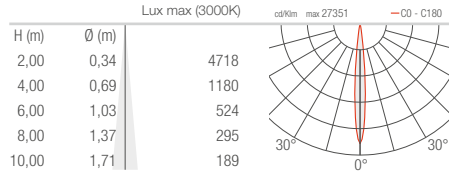


DUOMO

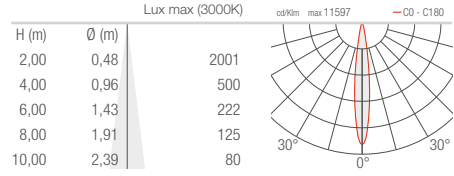
INDOOR PROJECTORS

DUOMO 1.0

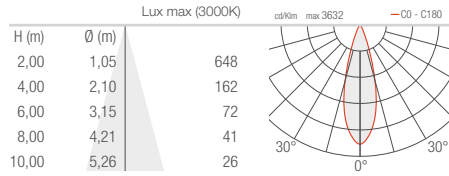
T - 10° CRI 80



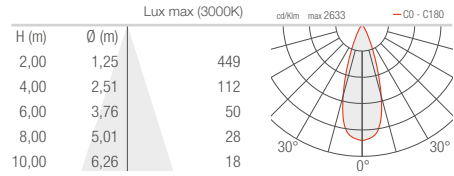
S - 14° CRI 80



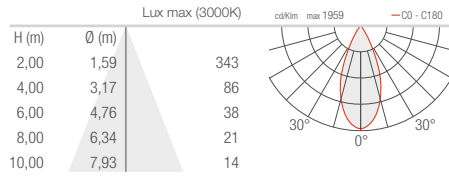
M - 30° CRI 80



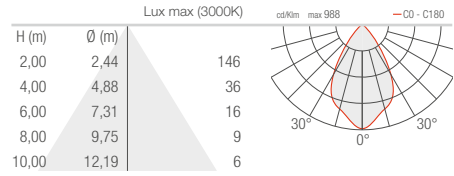
L - 35° CRI 80



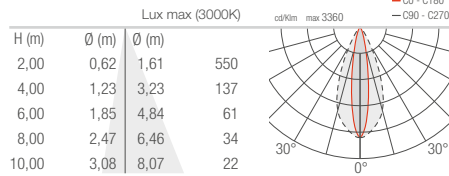
J - 43° CRI 80



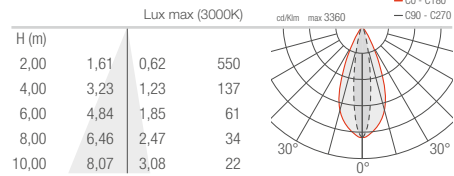
K - 63° CRI 80



W - 18°x44° CRI 80

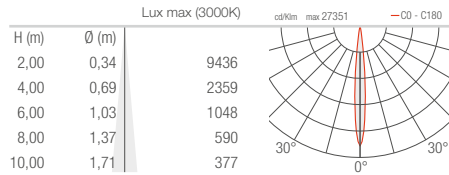


X - 44°x18° CRI 80

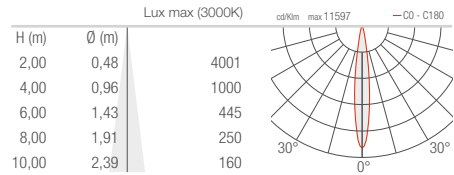


DUOMO 2.0

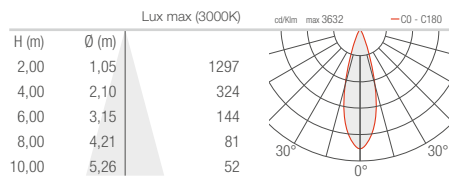
T - 10° CRI 80



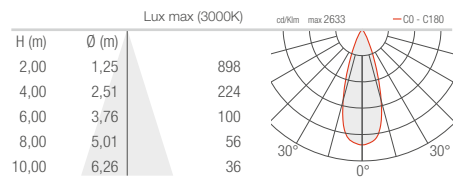
S - 14° CRI 80



M - 30° CRI 80



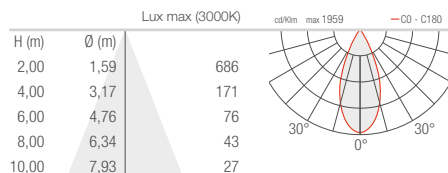
L - 35° CRI 80



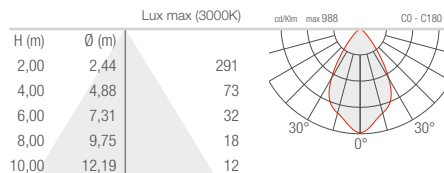


DUOMO 2.0

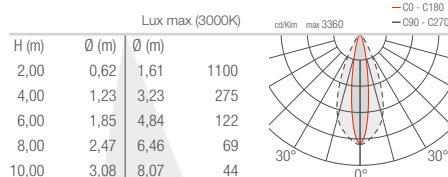
J - 43° CRI 80



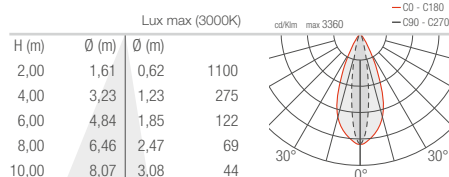
K - 63° CRI 80



W - 18°x44° CRI 80

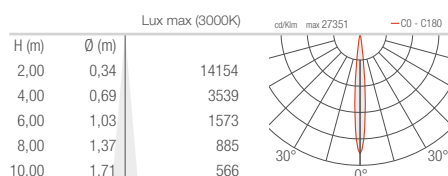


X - 44°x18° CRI 80

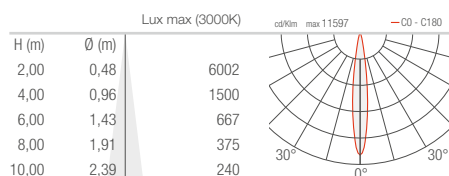


DUOMO 3.0

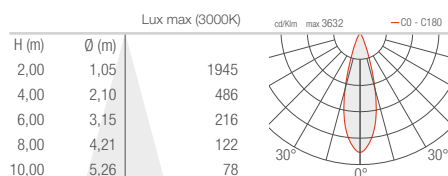
T - 10° CRI 80



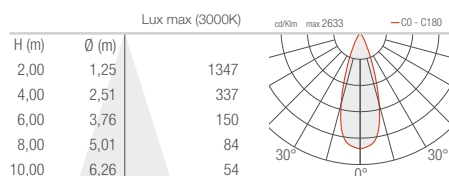
S - 14° CRI 80



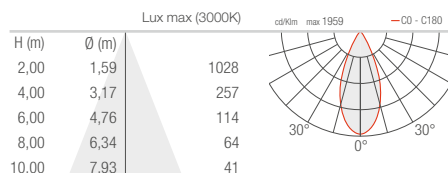
M - 30° CRI 80



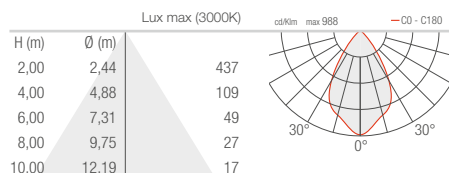
L - 35° CRI 80



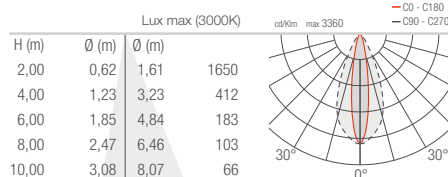
J - 43° CRI 80



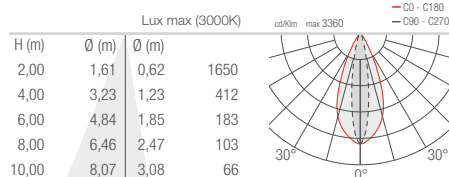
K - 63° CRI 80



W - 18°x44° CRI 80

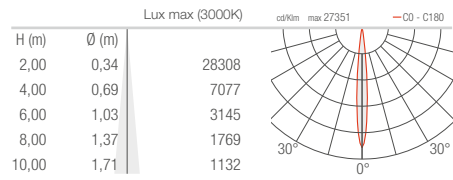


X - 44°x18° CRI 80

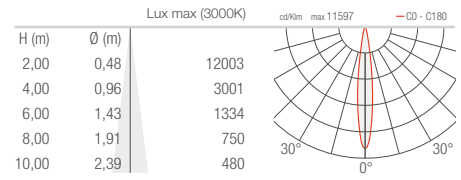


DUOMO 4.0

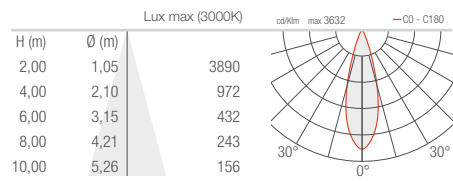
T - 10° CRI 80



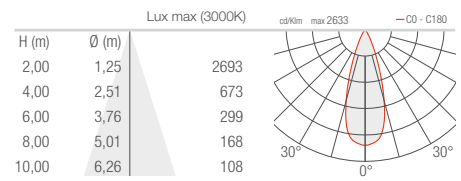
S - 14° CRI 80



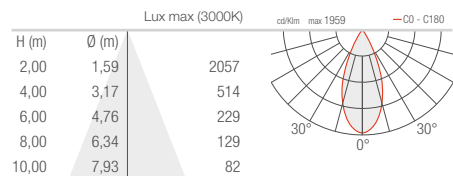
M - 30° CRI 80



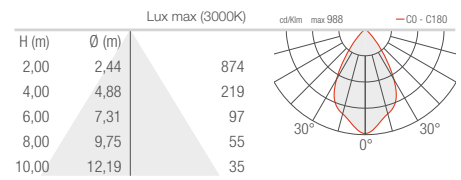
L - 35° CRI 80



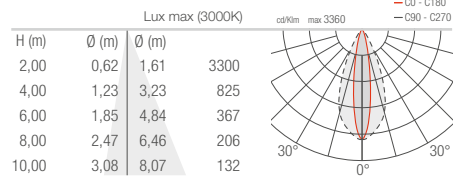
J - 43° CRI 80



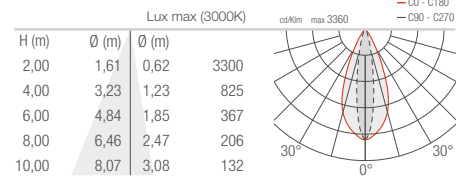
K - 63° CRI 80



W - 18°x44° CRI 80



X - 44°x18° CRI 80



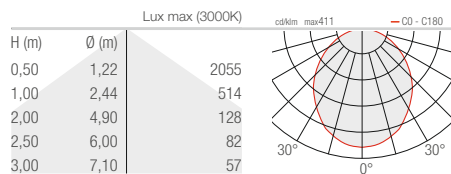


ECHO LED

INDOOR RECESSED

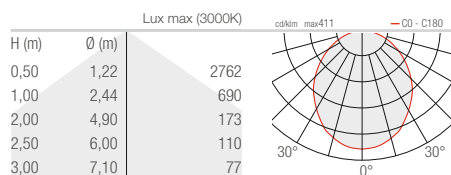
ECHO LED 1.0

D - Diffuse



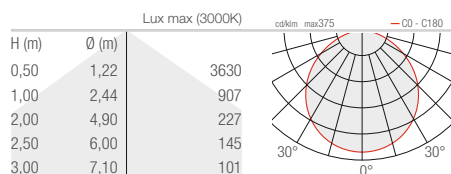
ECHO LED 2.0

D - Diffuse



ECHO LED 3.0 4.0

D - Diffuse

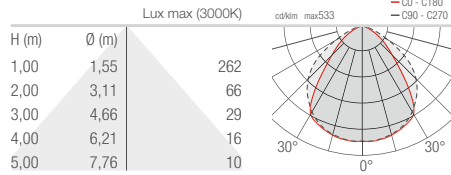


ELLA IN / ELLA OUT

INDOOR WALL MOUNTED / OUTDOOR WALL MOUNTED

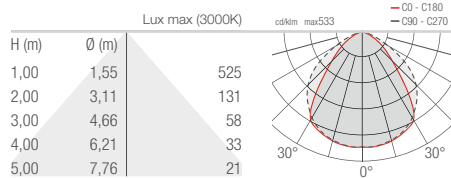
ELLA IN 1.0 ELLA OUT 1.0

D - Diffuse



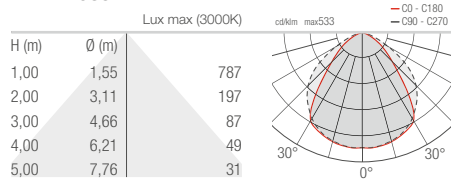
ELLA IN 2.0 ELLA OUT 2.0

D - Diffuse



ELLA IN 3.0 ELLA OUT 3.0

D - Diffuse



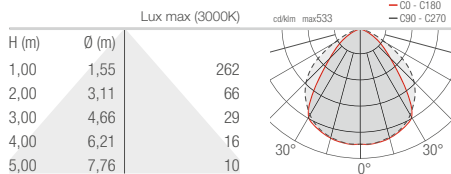


ELLO IN / ELLO OUT

INDOOR CEILING MOUNTED / OUTDOOR CEILING MOUNTED

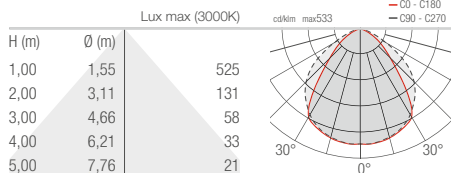
ELLO IN 1.0 ELLO OUT 1.0

D - Diffuse



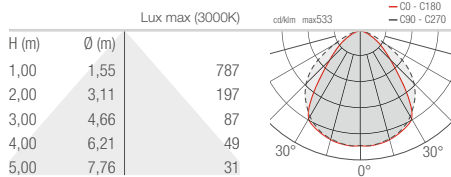
ELLO IN 2.0 ELLO OUT 2.0

D - Diffuse



ELLO IN 3.0 ELLO OUT 3.0

D - Diffuse



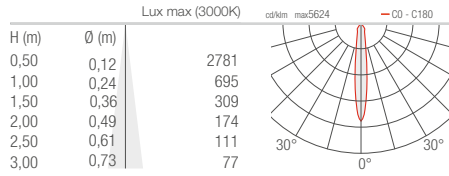
ESEM

INDOOR RECESSED

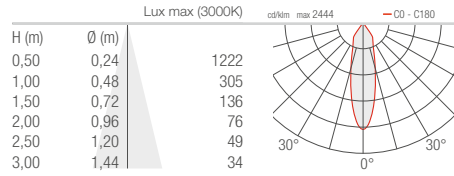
ESEM MINI 1.0

1.1
1.6
1.7

S - 14°



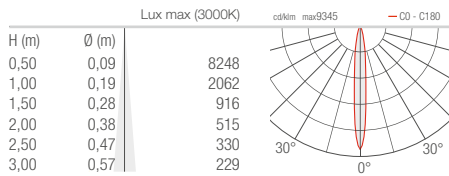
M - 27°



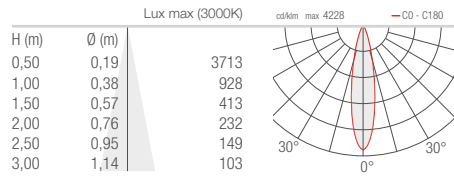
ESEM MID 1.0

1.1
1.6
1.7

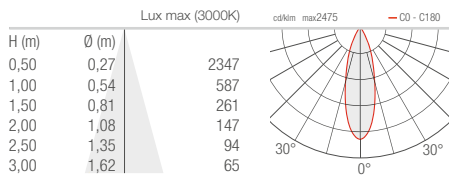
S - 11°



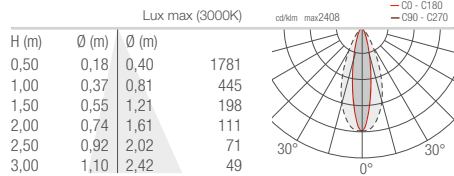
M - 22°



L - 30°



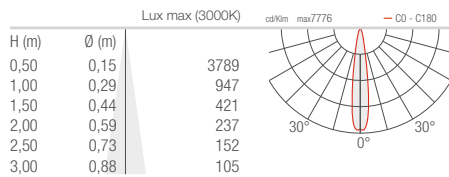
W - 20°x45°



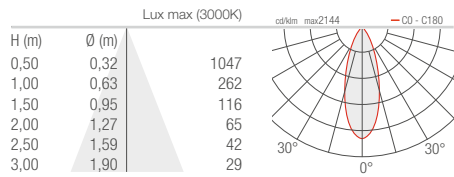
ESEM 2.0

2.6

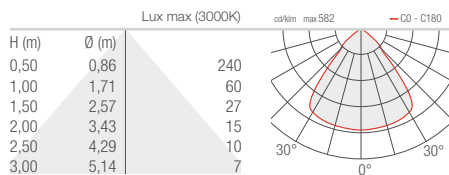
S - 16°



M - 36°



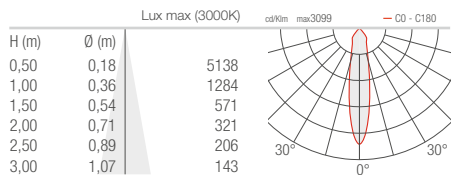
L - 80°



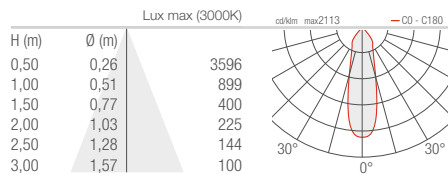


ESEM 3.0 3.1

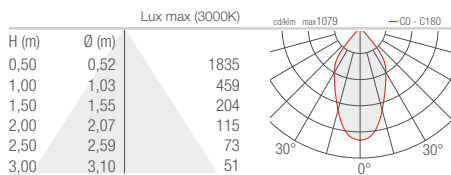
S - 20°



M - 30°

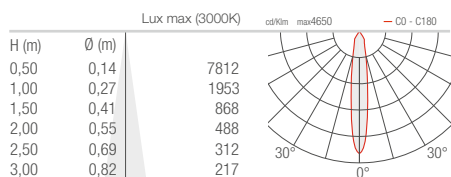


L - 54°

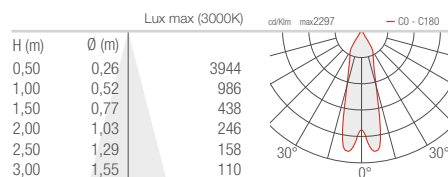


ESEM 3.2

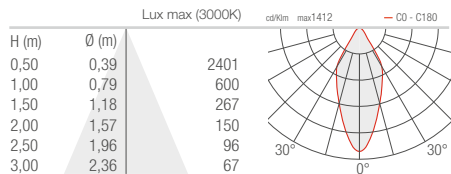
S - 16°



M - 29°

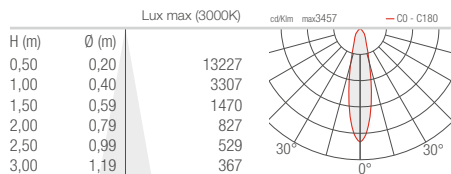


L - 46°

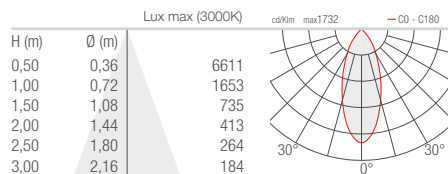


ESEM 4.0 4.1

M - 20°

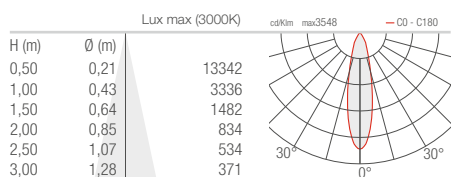


L - 40°

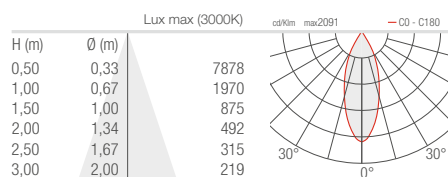


ESEM 4.2

M - 24°



L - 37°



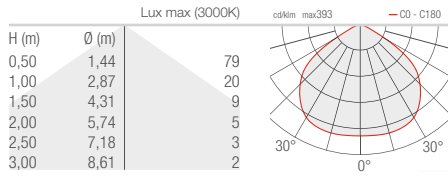
EYES

INDOOR RECESSED

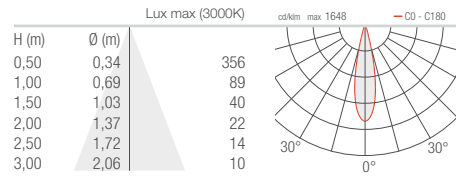
EYES 1.0

1.2
1.6
1.8

D - Diffuse



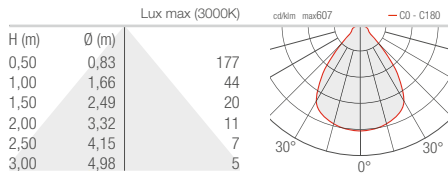
F - 40°



EYES 2.0

2.2

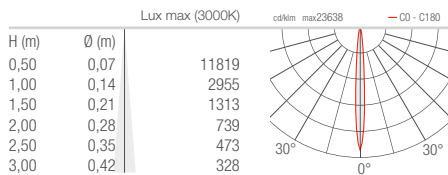
D - Diffuse



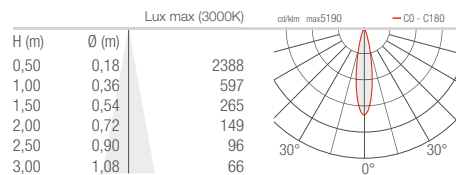
EYES 2.1

2.3
2.7
2.9

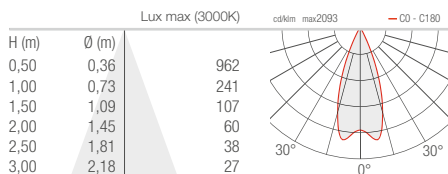
S - 10°



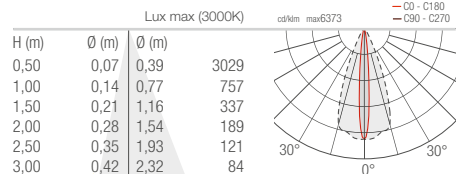
M - 20°



L - 40°



W - 10°x45°



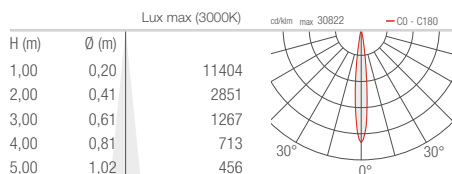


FLORI

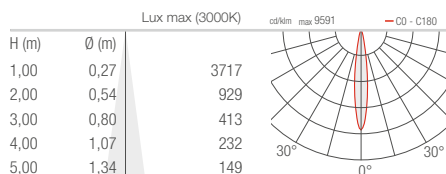
OUTDOOR PROJECTORS

FLORI 1.0 1.1

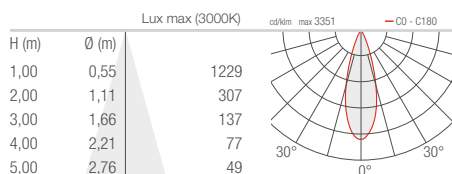
V - 9° CRI 80



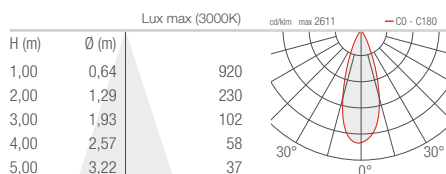
S - 15° CRI 80



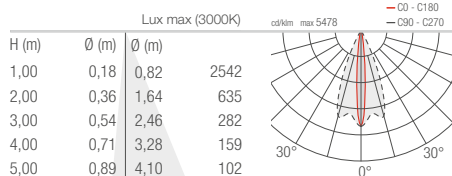
M - 31° CRI 80



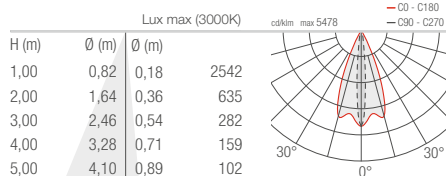
L - 36° CRI 80



W - 10°x45° CRI 80

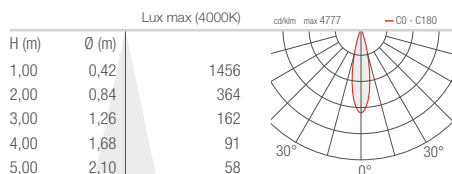


X - 45°x10° CRI 80

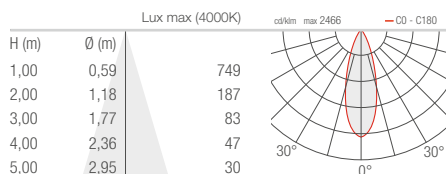


FLORI 1.2 1.3

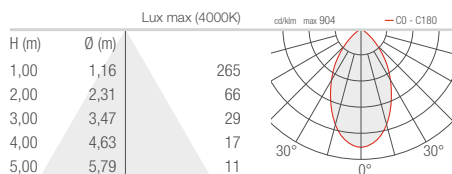
S - 24°



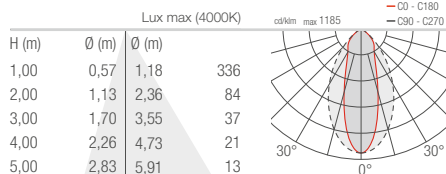
M - 33°



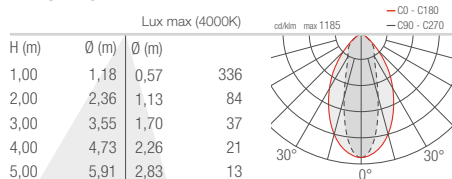
L - 60°



W - 32°x61°



X - 61°x32°

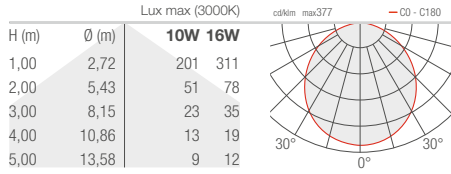


GEKO

OUTDOOR WALL MOUNTED

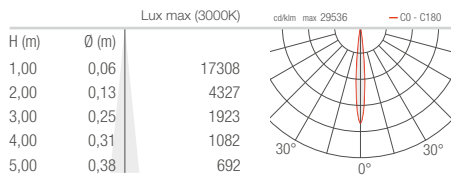
GEKO 5.0

D - Diffuse

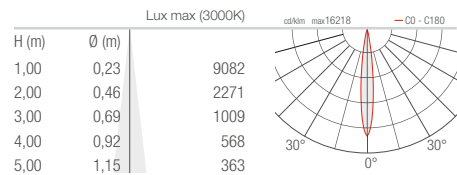


GEKO 5.1

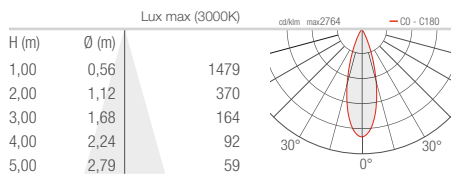
T - 7°



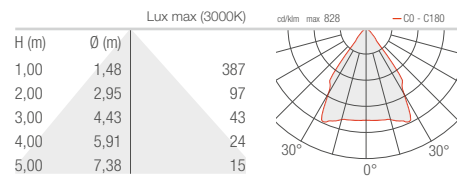
S - 10°



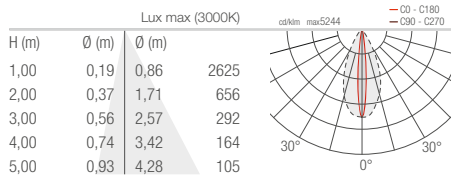
F - 30°



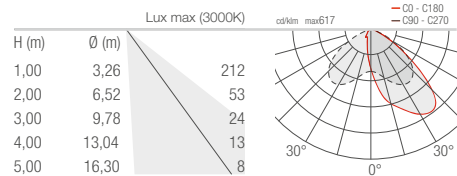
K - 70°



W - 10°x45°



A - Asymmetrical



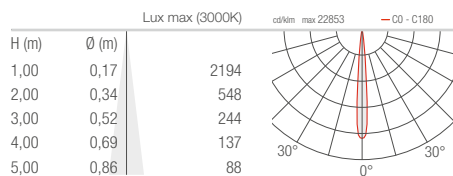


GEM

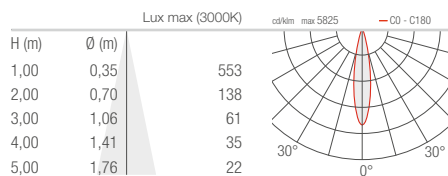
INDOOR PROJECTORS

GEM 1.0

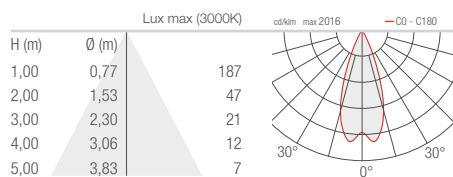
S - 10°



M - 20°



L - 40°

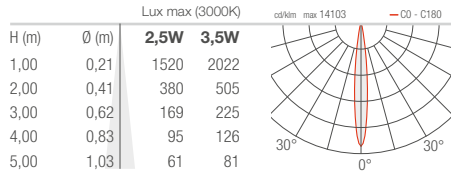


GINKO

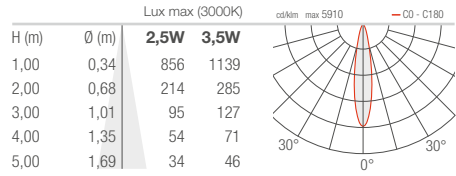
OUTDOOR PROJECTORS

GINKO 1.0

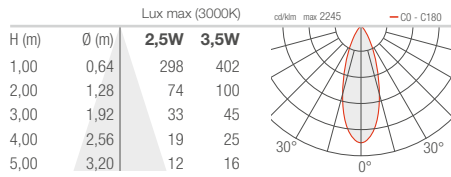
T - 12° CRI 80



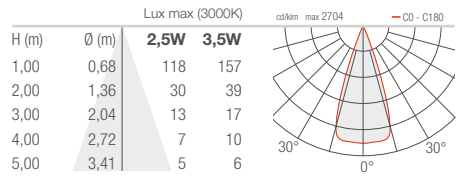
S - 19° CRI 80



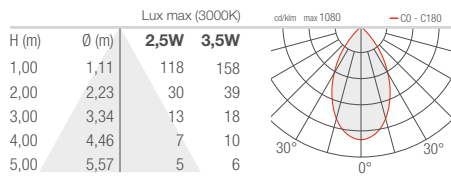
M - 36° CRI 80



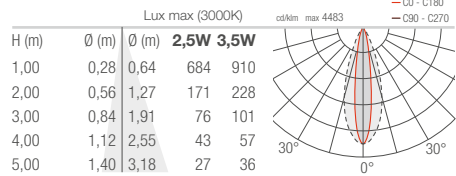
U - 38° sharp CRI 80



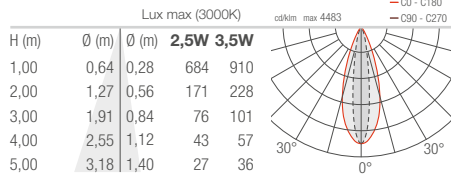
Q - 58° CRI 80



W - 16°x36° CRI 80

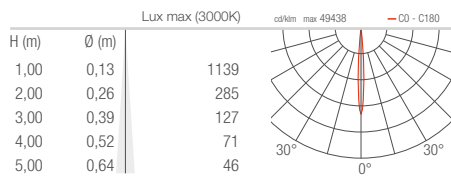


X - 36°x16° CRI 80

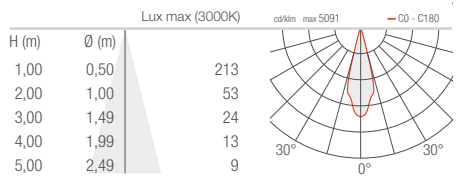


GINKO 1.4

R1 - 8° (8°-28°) CRI 80



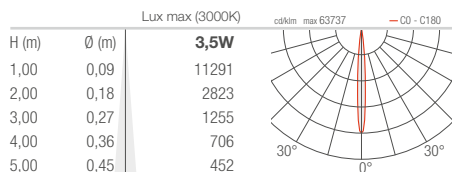
R1 - 28° (8°-28°) CRI 80



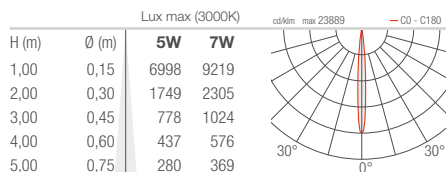


GINKO 2.0

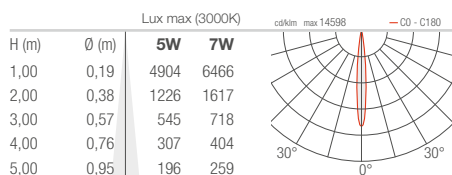
U - 5° CRI 80



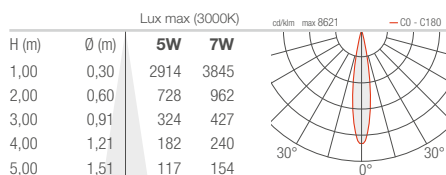
V - 8° CRI 80



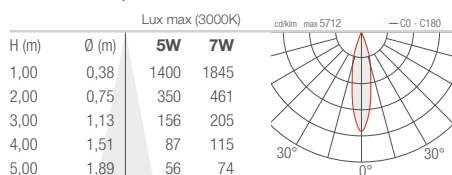
T - 11° CRI 80



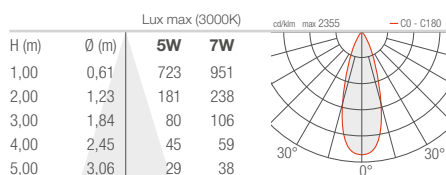
S - 17° CRI 80



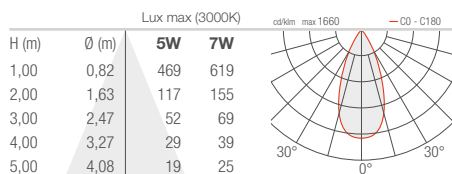
P - 21° sharp CRI 80



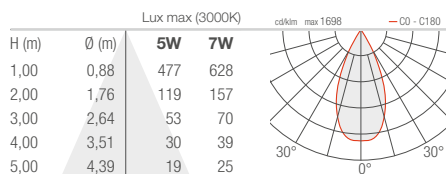
M - 34° CRI 80



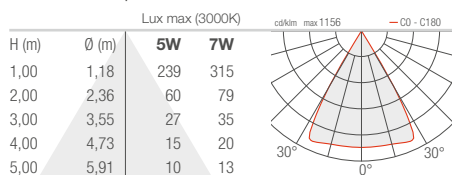
L - 45° CRI 80



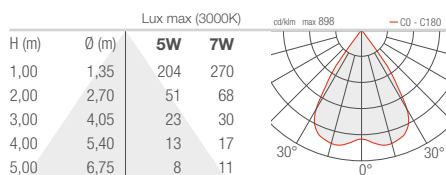
J - 47° CRI 80



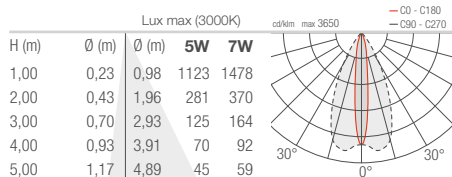
Q - 61° sharp CRI 80



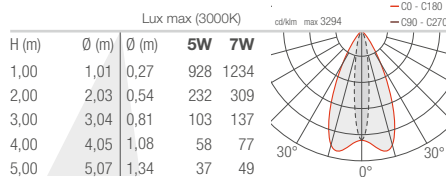
K - 68° CRI 80



W - 13°x52° CRI 80

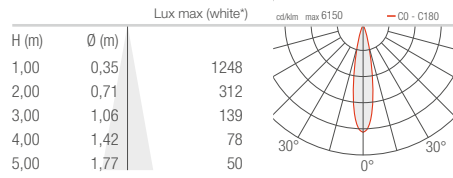


X - 54°x15° CRI 80

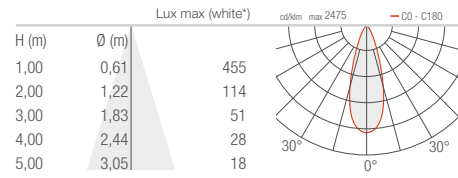


GINKO 2.2

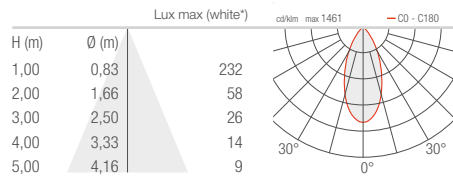
S - 20°



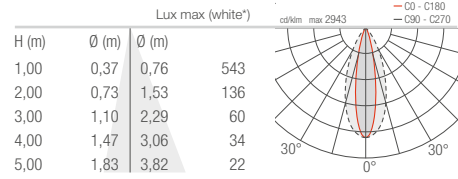
M - 34°



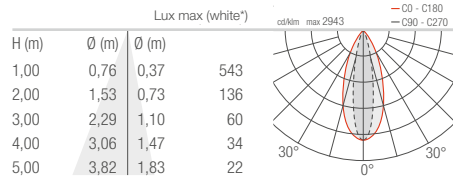
L - 45°



W - 21°x42°



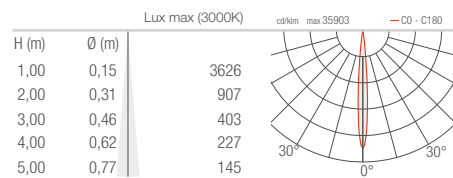
X - 42°x21°



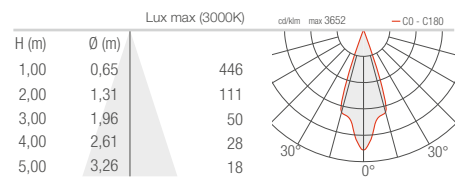
* White created by mixing the colours

GINKO 2.4

R1 - 9° (9°-36°) CRI 80



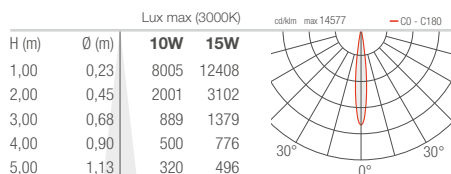
R1 - 36° (9°-36°) CRI 80



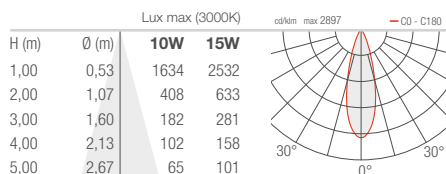


GINKO 3.0

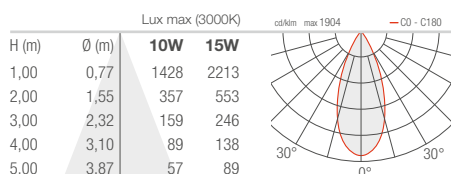
S - 13° CRI 80



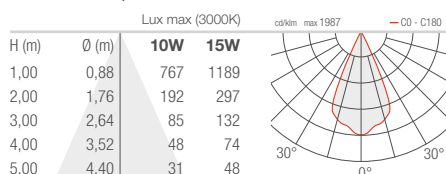
M - 30° CRI 80



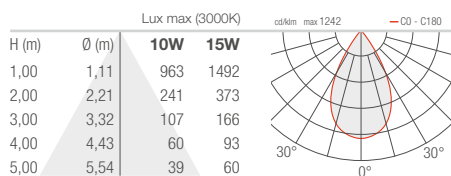
L - 42° CRI 80



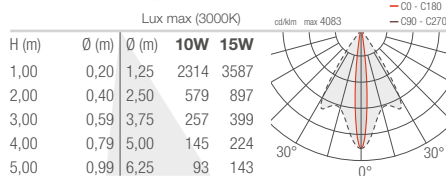
P - 48° sharp CRI 80



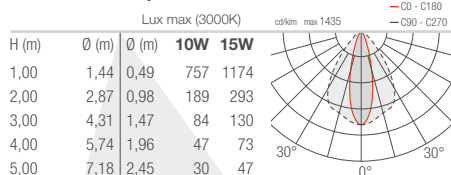
J - 58° CRI 80



W - 12°x64° adjustable CRI 80

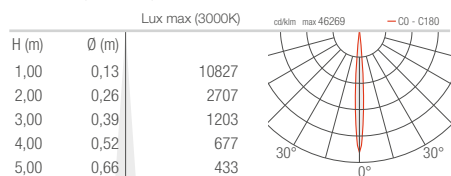


X - 28°x72° adjustable CRI 80

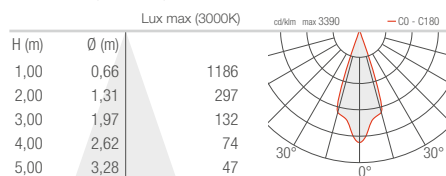


GINKO 3.4

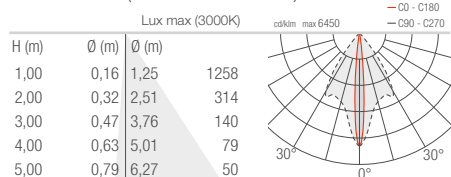
R1 - 8° (8°-38°) CRI 80



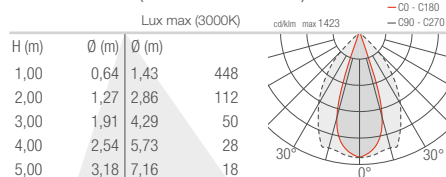
R1 - 38° (8°-38°) CRI 80



R2 - 8°x66° (8°x66° - 36°x70°) CRI 80



R2 - 36°x70° (8°x66° - 36°x70°) CRI 80

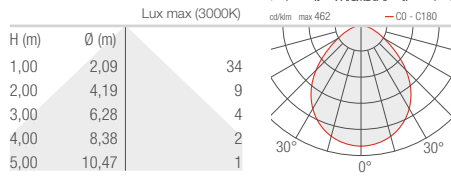


GOCCIA

OUTDOOR STEP LIGHTS

GOCCIA 2.6
2.7

D - Diffuse



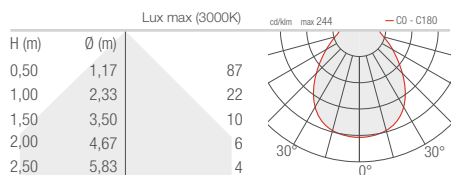


ICE LED

OUTDOOR STEP LIGHTS

ICE LED 1.0 1.1

D - Diffuse

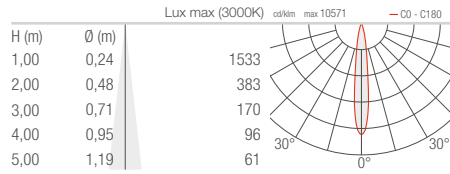


INTONO

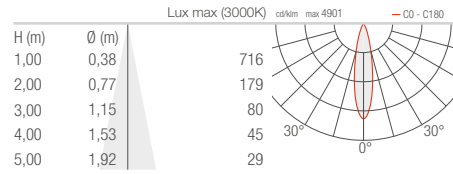
OUTDOOR WALL MOUNTED

INTONO 1.1

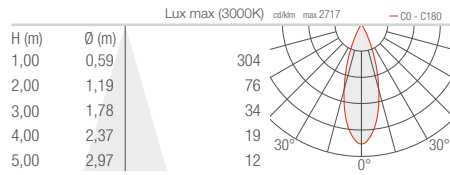
S - 13° CRI 80



M - 22° CRI 80

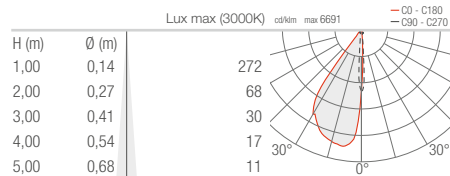


L - 33° CRI 80

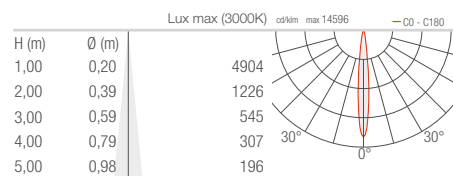


INTONO 2.1

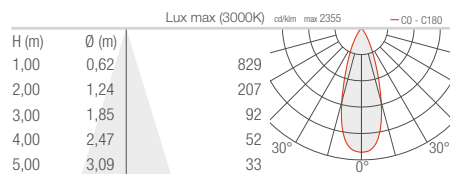
Z - Asymmetrical 8° CRI 80



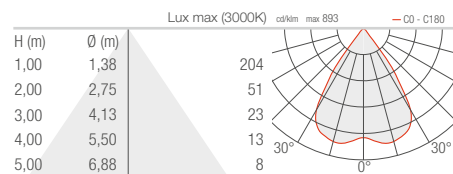
T - 11° CRI 80



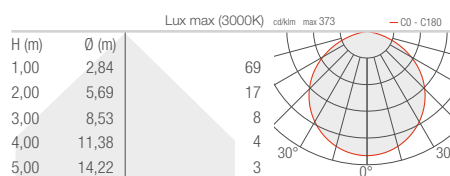
M - 34° CRI 80



K - 68° CRI 80



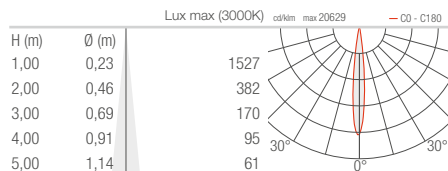
D - Diffuse CRI 80



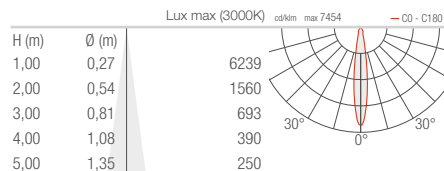


INTONO 3.1

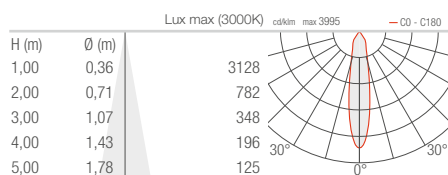
Z- Asymmetrical 11° CRI 80



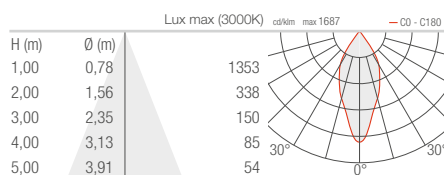
S- 15° CRI 80



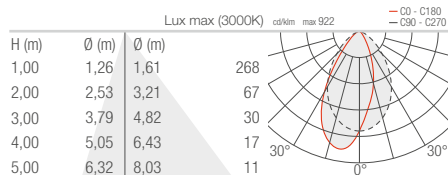
M- 20° CRI 80



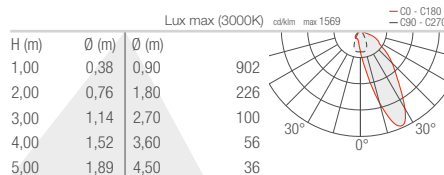
L- 43° CRI 80



W- Wall grazing CRI 80

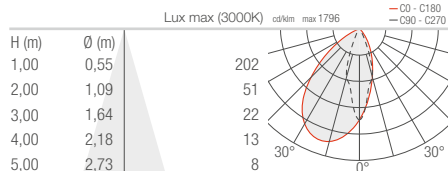


A- Asymmetrical CRI 80

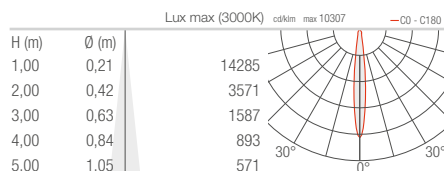


INTONO 4.1

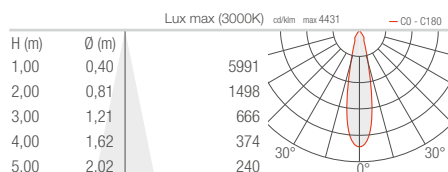
Z- Asymmetrical 28° CRI 80



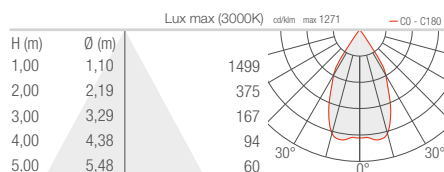
S- 12° CRI 80



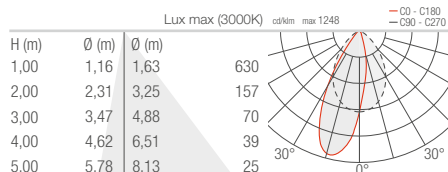
M- 23° CRI 80



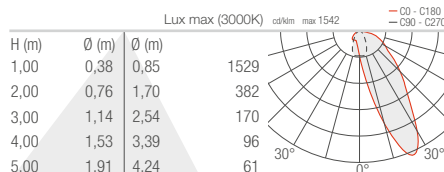
L- 57° CRI 80



W- Wall grazing CRI 80



A- Asymmetrical CRI 80

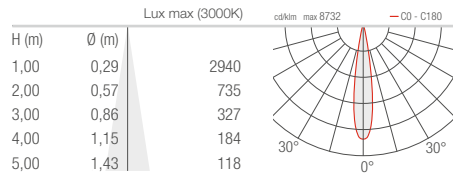


KLEO

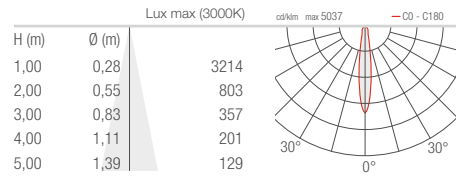
OUTDOOR PROJECTORS

KLEO 1.0 1.1

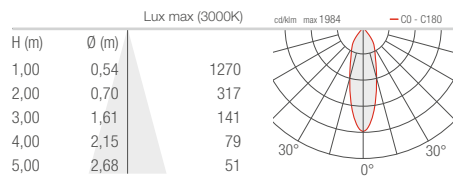
V - 16° sharp CRI 80



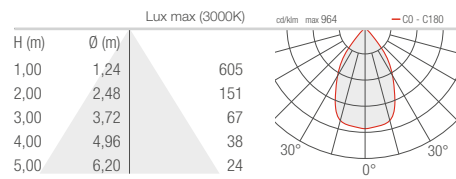
S - 16° CRI 80



M - 30° CRI 80

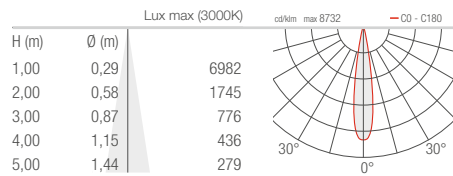


L - 63° CRI 80

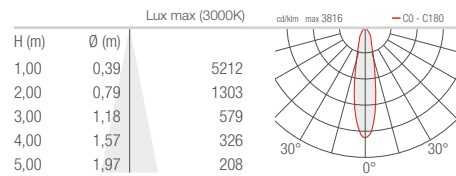


KLEO 2.0 2.1

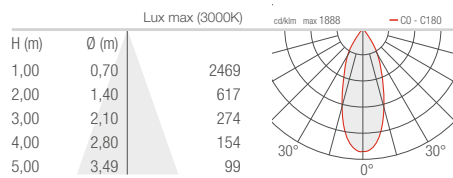
V - 16° sharp CRI 80



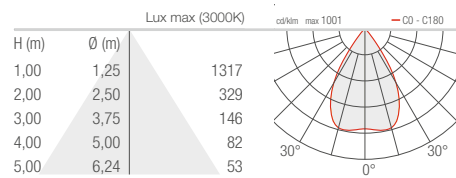
S - 22° CRI 80



M - 38° CRI 80



L - 64° CRI 80



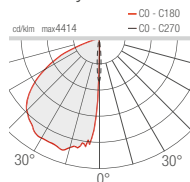


KOCCA

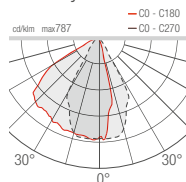
OUTDOOR WALL MOUNTED

KOCCA 1.1 4W

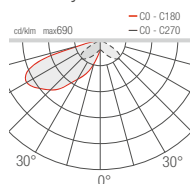
W - Asymmetrical 10°



K - Asymmetrical 70°

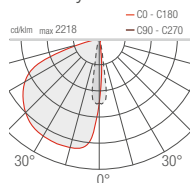


A - Asymmetrical 140°

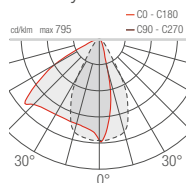


KOCCA 1.1 8.5W

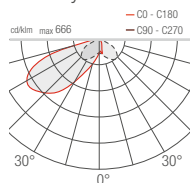
W - Asymmetrical 10°



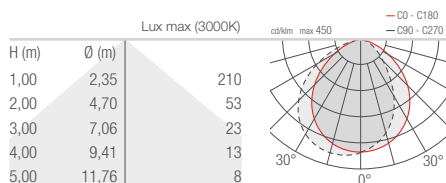
K - Asymmetrical 70°



A - Asymmetrical 140°

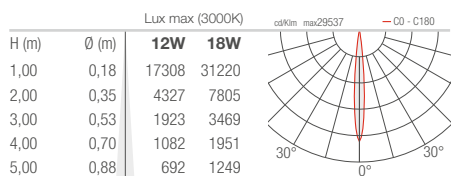


D - Diffuse

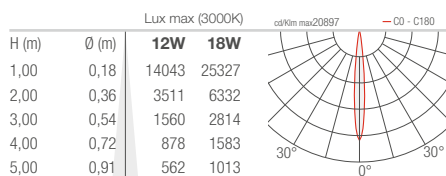


KOCCA 3.1

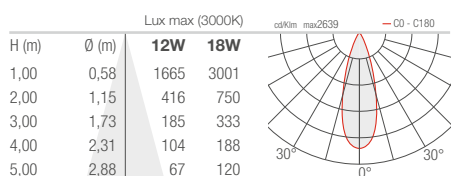
T - 7°



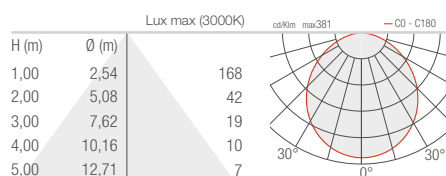
S - 10°



F - 30°



D - Diffuse

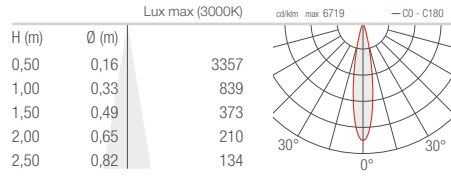


KORA

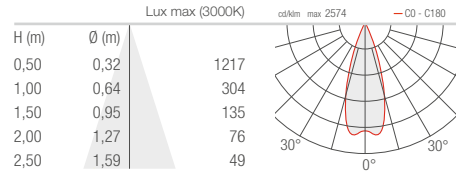
INDOOR SUSPENDED

KORA 1.0

S - 18°

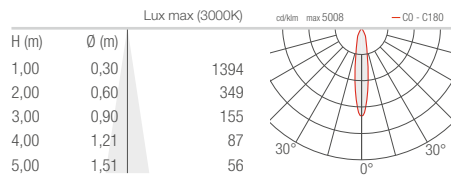


M - 35°

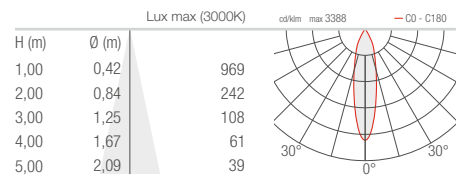


KORA 2.0

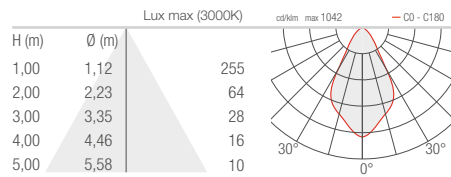
S - 17°



M - 24°

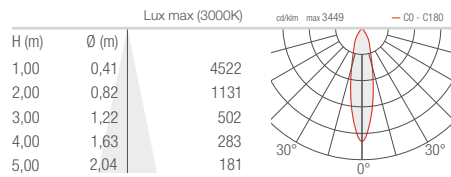


L - 58°

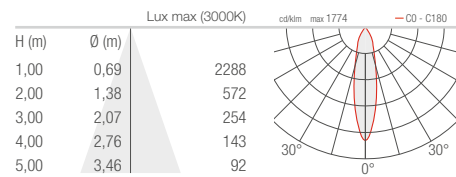


KORA 3.0

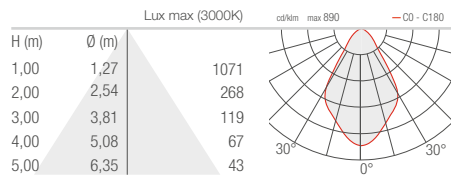
S - 23°



M - 38°



L - 65°



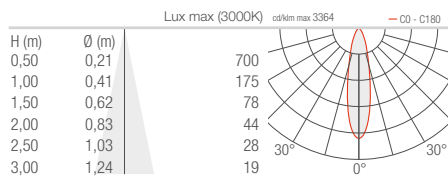


KRILL

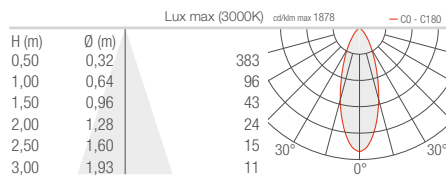
INDOOR PROJECTORS

KRILL 1.0

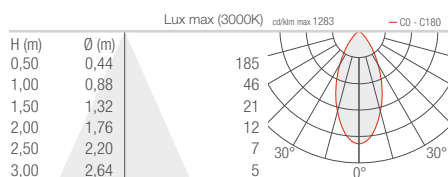
M - 23°



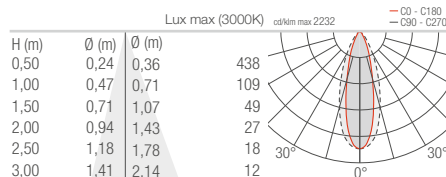
L - 36°



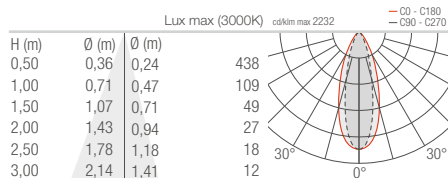
J - 48°



W - 26°x40°

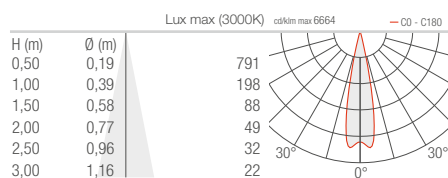


X - 40°x26°

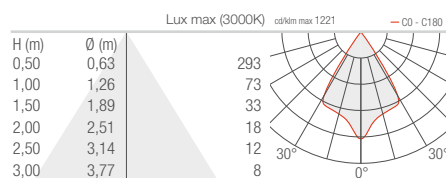


KRILL 1.4

R1 - 22° (22°-64°)

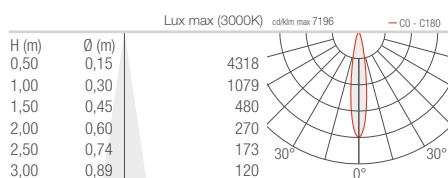


R1 - 64° (22°-64°)

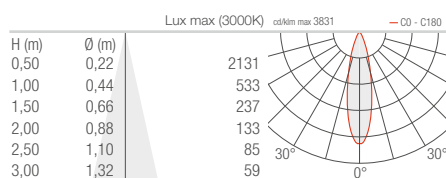


KRILL 2.0

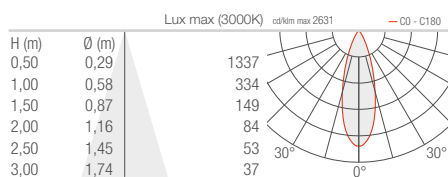
S - 17°



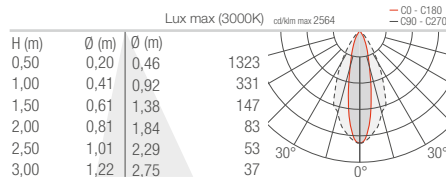
M - 25°



L - 33°

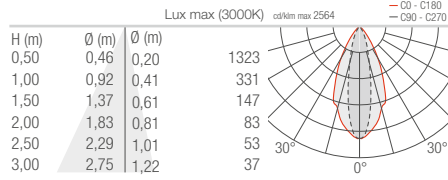


W - 23°x50°



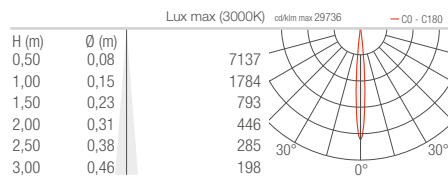
KRILL 2.0

X - 50°x23°

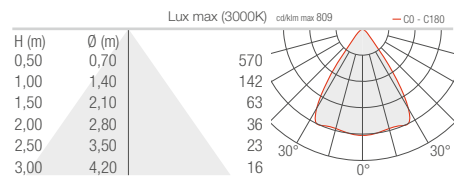


KRILL 2.4

R1 - 9° (9°-70°)

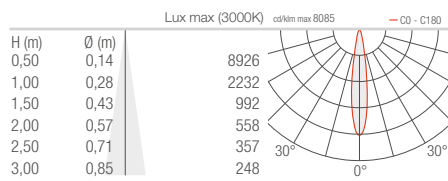


R1 - 70° (9°-70°)

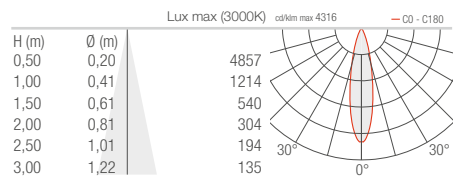


KRILL 3.0

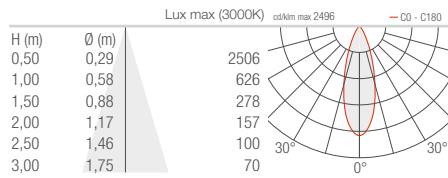
S - 16°



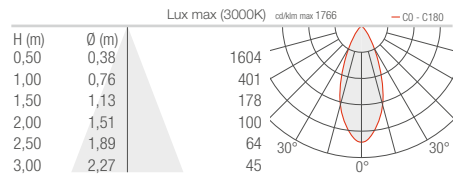
M - 23°



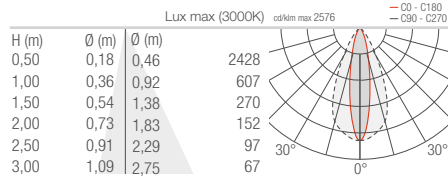
L - 33°



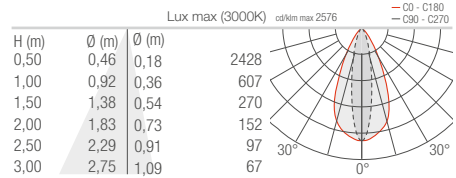
K - 42°



W - 21°x50°

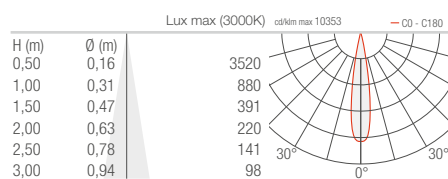


X - 50°x21°

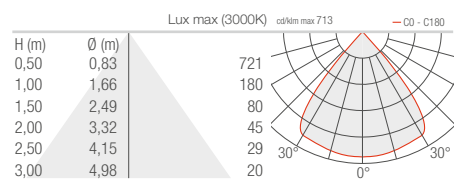


KRILL 3.4

R1 - 18° (18°-80°)



R1 - 80° (18°-80°)

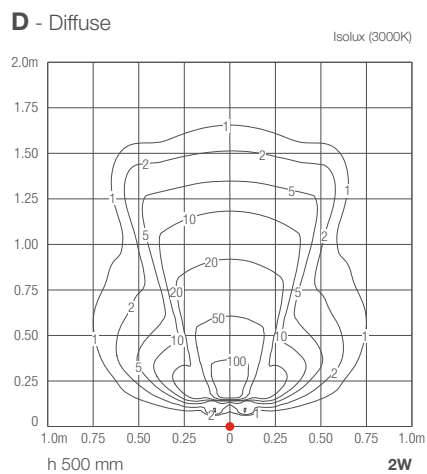
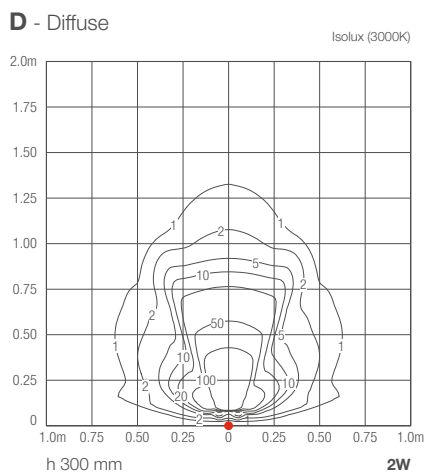




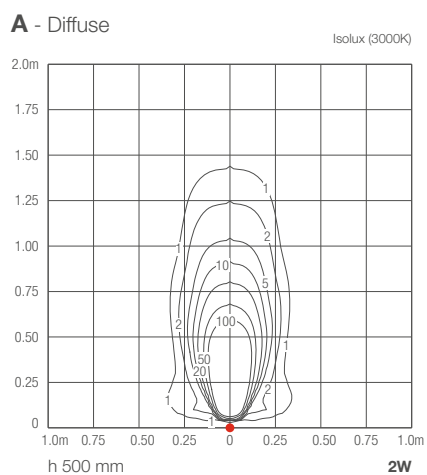
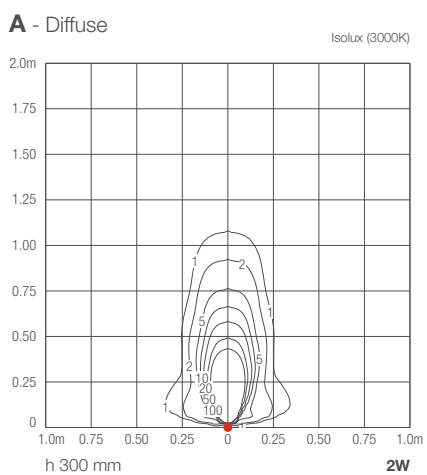
LINE

INDOOR STEP LIGHTS

LINE 1.0 1.1



LINE 2.0 2.1

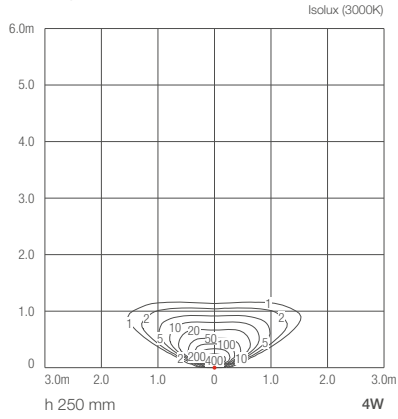


LINEAR

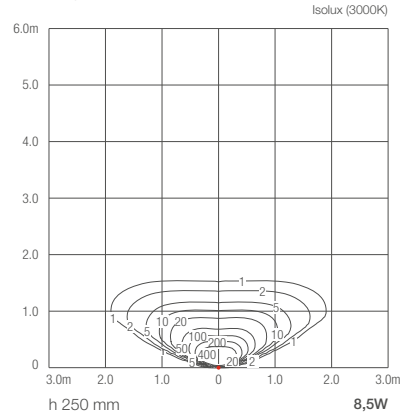
OUTDOOR BOLLARDS

LINEAR 2.1

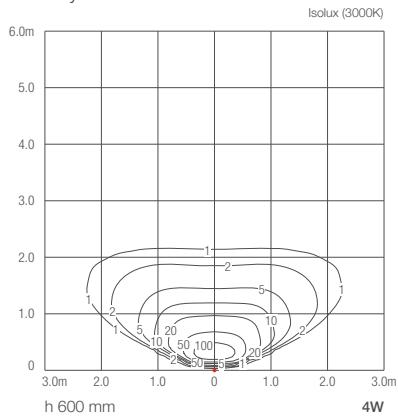
A - Asymmetrical



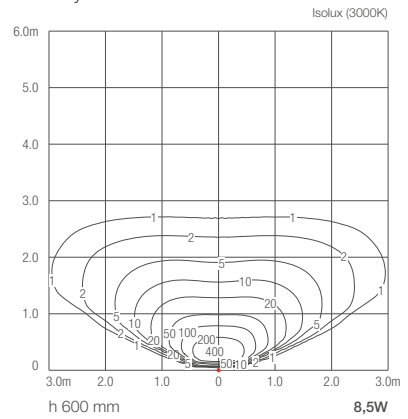
A - Asymmetrical



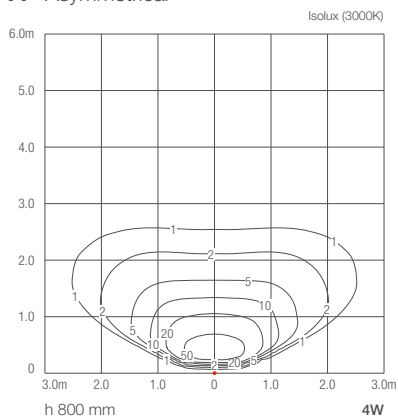
A - Asymmetrical



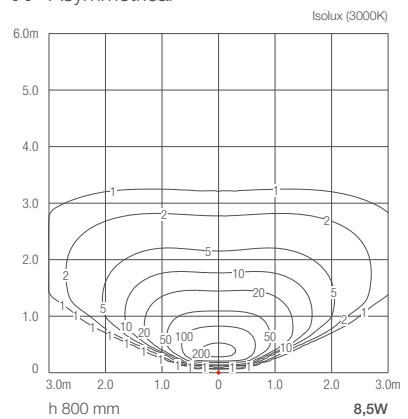
A - Asymmetrical



A - Asymmetrical



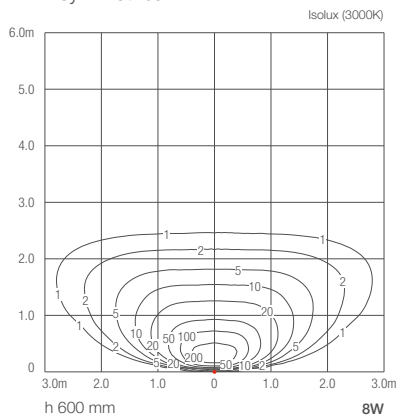
A - Asymmetrical



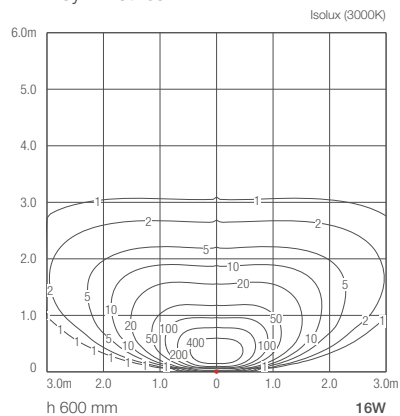


LINEAR 4.1

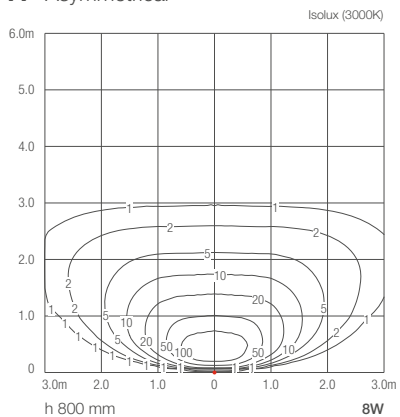
A - Asymmetrical



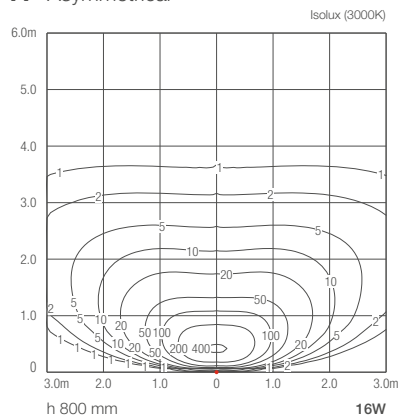
A - Asymmetrical



A - Asymmetrical



A - Asymmetrical

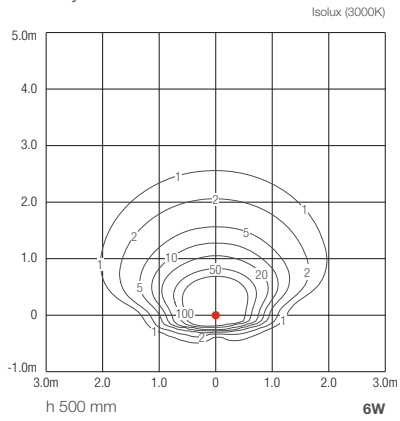


LIRA

OUTDOOR STEP LIGHTS

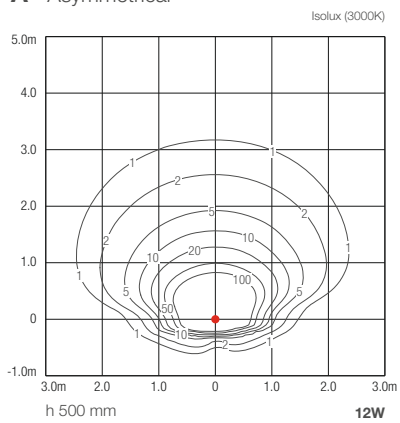
LIRA 1.0

A - Asymmetrical



LIRA 2.0

A - Asymmetrical



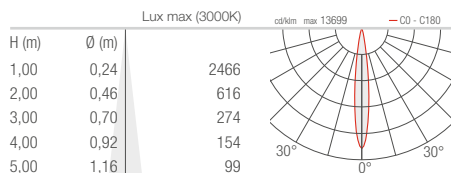


LITUS

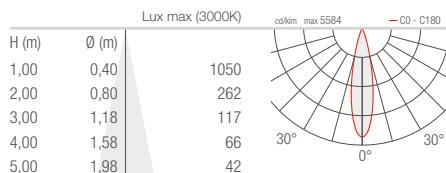
OUTDOOR RECESSED

LITUS 1.0 1.1

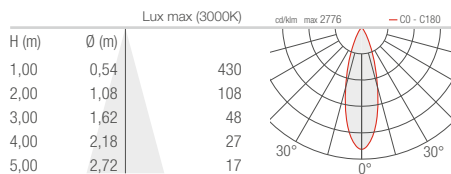
S - 13° CRI 80



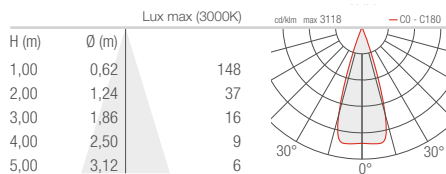
M - 22° CRI 80



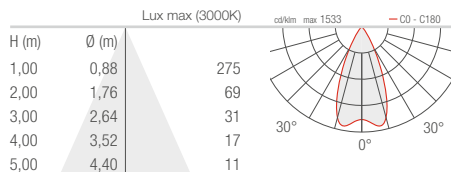
F - 30° CRI 80



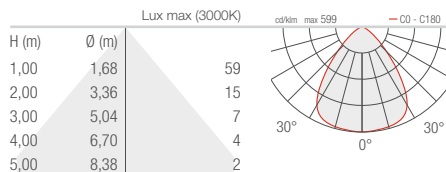
P - 35° sharp CRI 80



L - 48° CRI 80

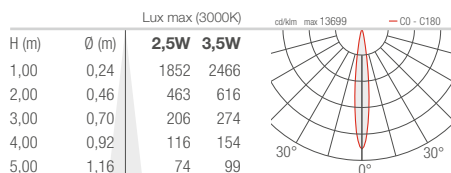


D - Diffuse CRI 80

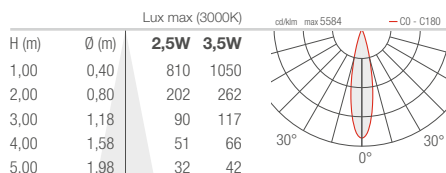


LITUS 1.6 1.7 2.8 2.9

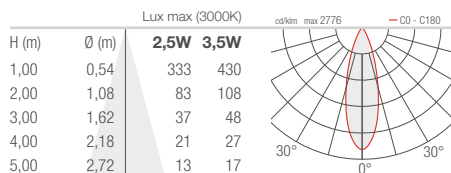
S - 13° CRI 80



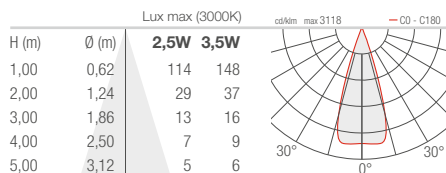
M - 22° CRI 80



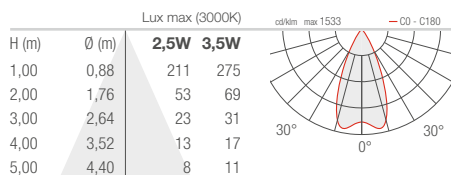
F - 30° CRI 80



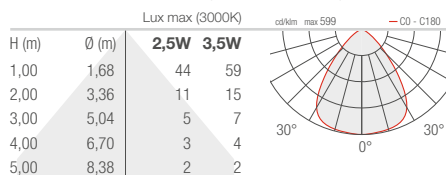
P - 35° sharp CRI 80



L - 48° CRI 80

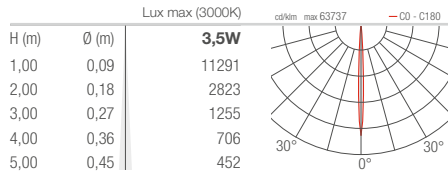


D - Diffuse CRI 80 (Litus 1.6 / 1.7)

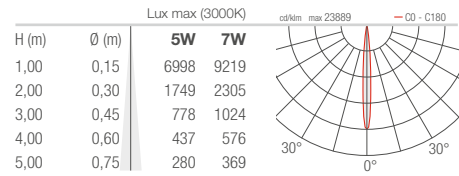


LITUS 2.4
2.5
5.6
5.7

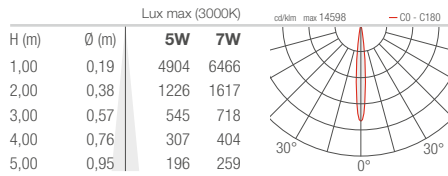
U - 5° CRI 80



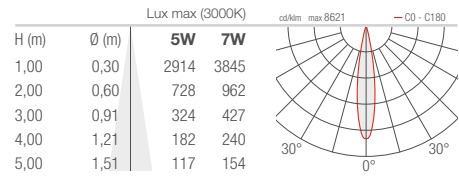
V - 8° CRI 80



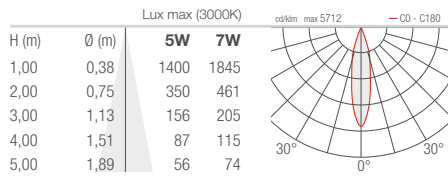
T - 11° CRI 80



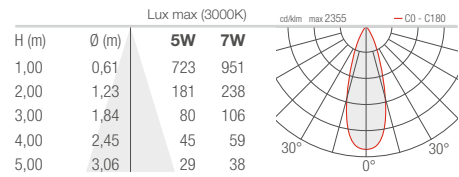
S - 17° CRI 80



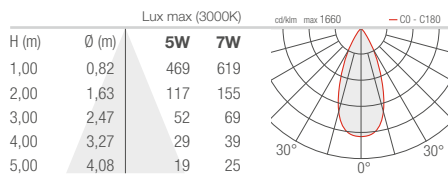
P - 21° sharp CRI 80



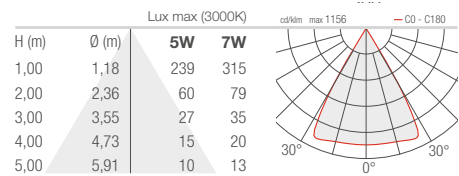
M - 34° CRI 80



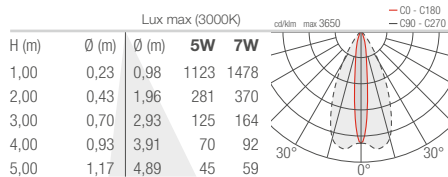
L - 45° CRI 80



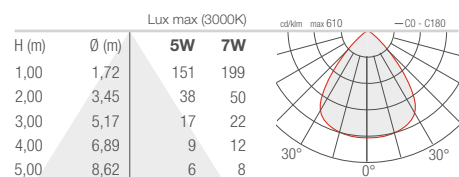
Q - 61° sharp CRI 80



W - 13°x52° CRI 80



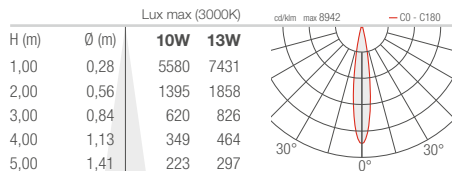
D - Diffuse CRI 80 (Litus 2.4 / 2.5)



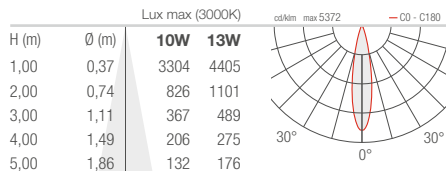


LITUS 5.4 5.5

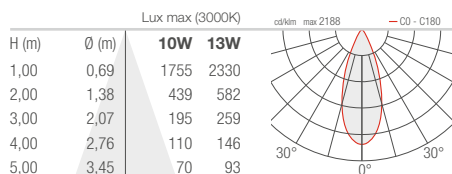
S - 16° CRI 80



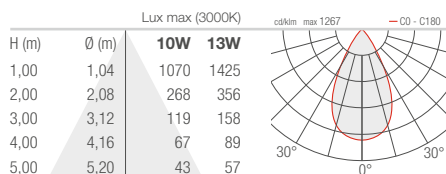
M - 21° CRI 80



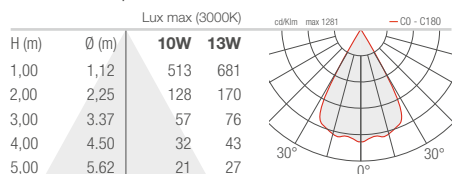
L - 38° CRI 80



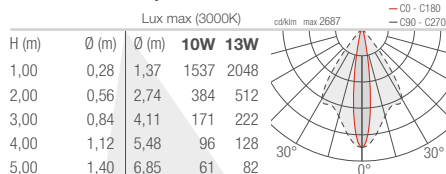
K - 55° CRI 80



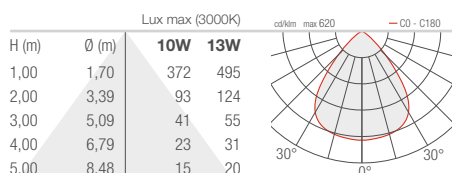
P - 58° sharp CRI 80



W - 16°x69° adjustable CRI 80



D - Diffuse CRI 80

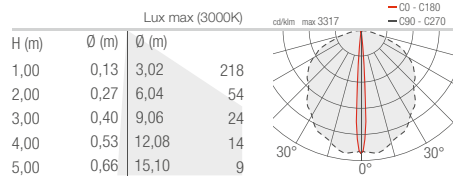


LYSS

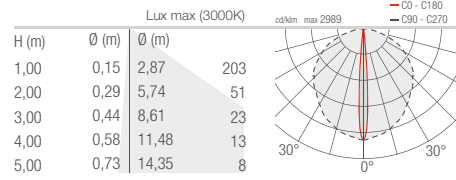
OUTDOOR PROJECTORS

LYSS MINI 1.0

Z - Clear 8°x160°

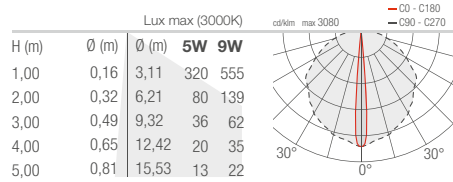


Y - Satin 9°x160°

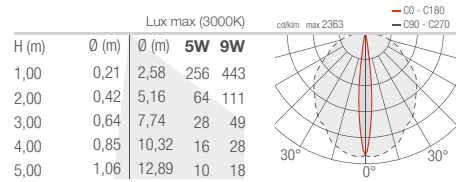


LYSS 1.0

Z - Clear 10°x180°

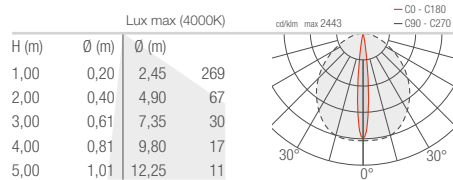


Y - Satin 20°x180°



LYSS 2.0

U - 12°x160°



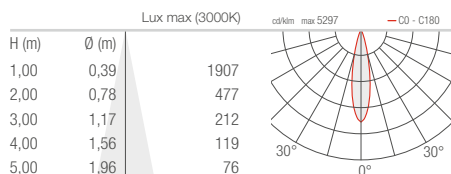


MOBY / MOBY P

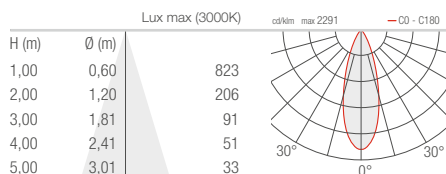
UNDERWATER RECESSED / UNDERWATER PROJECTORS

MOBY 1.0
1.1
MOBY P 1.0
1.1

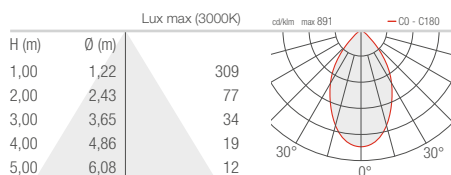
S - 22°



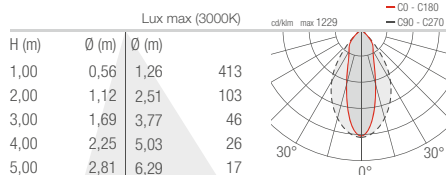
M - 34°



L - 62°

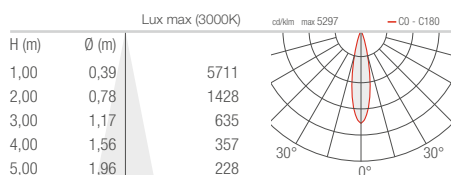


W - 31°x64°

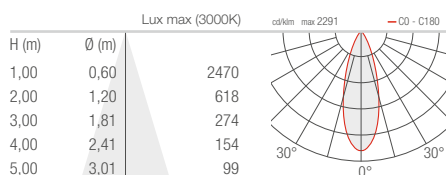


MOBY 2.0
2.1
MOBY P 2.0
2.1

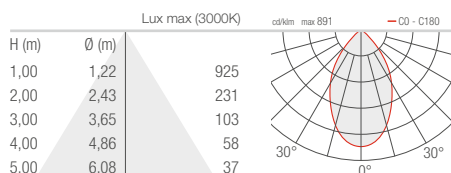
S - 22°



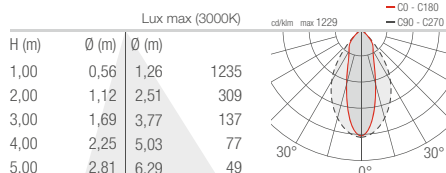
M - 34°



L - 62°

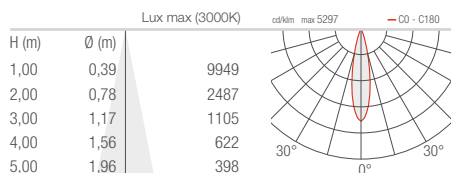


W - 31°x64°

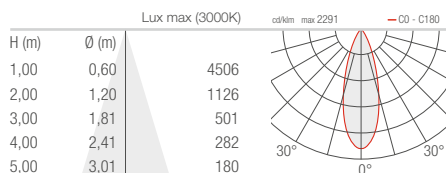


MOBY 3.0
3.1
MOBY P 3.0
3.1

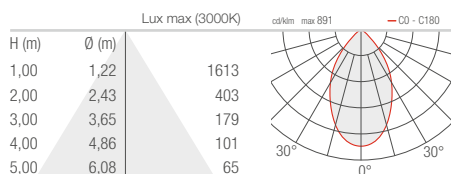
S - 22°



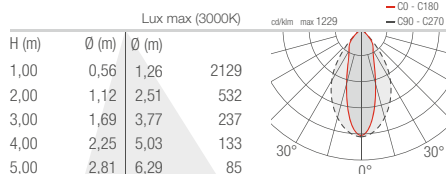
M - 34°



L - 62°



W - 31°x64°

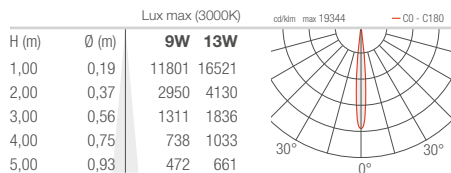


NEVA

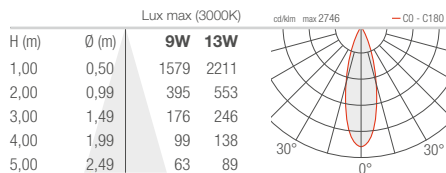
OUTDOOR LINEAR PROFILES

NEVA MINI 1

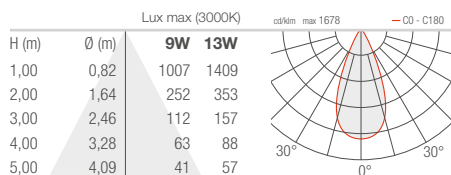
S - 11°



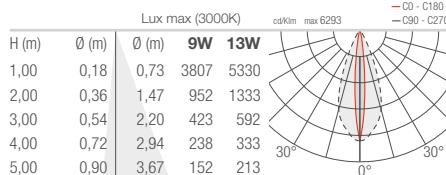
M - 30°



L - 45°

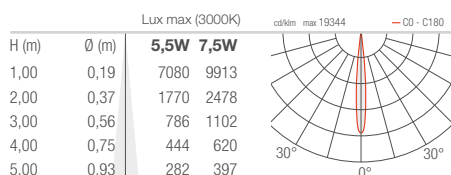


W - 10°x40°

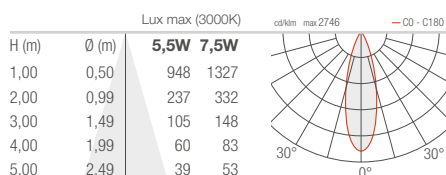


NEVA MINI 2

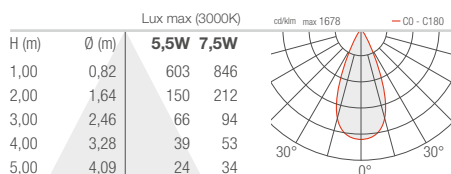
S - 11°



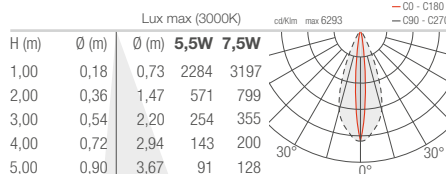
M - 30°



L - 45°

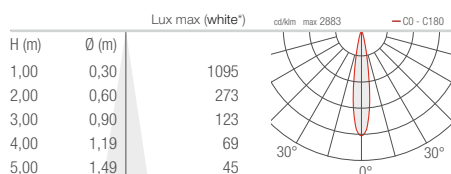


W - 10°x40°

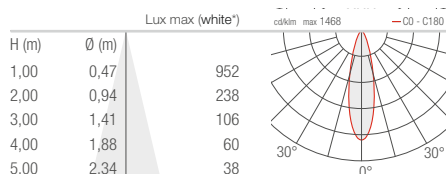


NEVA MINI 5

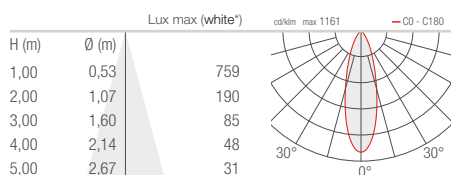
S - 15°



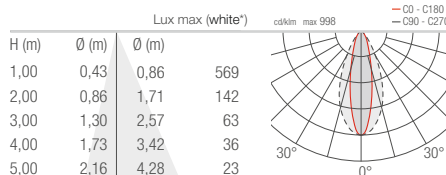
M - 26°



L - 30°



W - 24°x46°

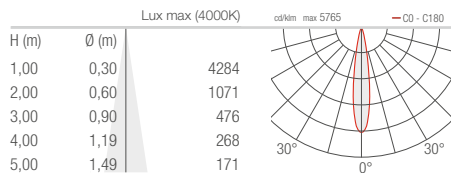


* White created by mixing the colours

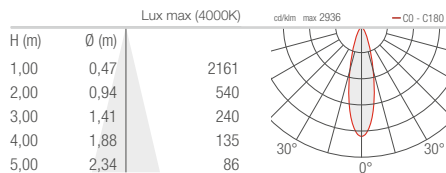


NEVA MINI 6

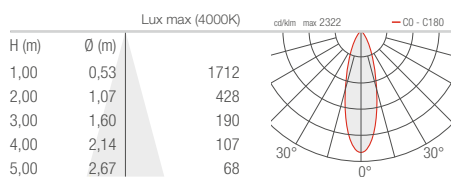
S - 15°



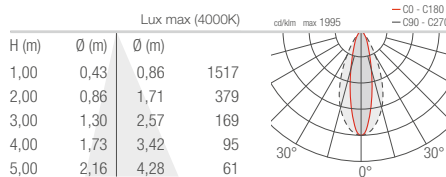
M - 26°



L - 30°

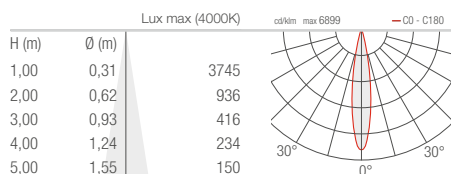


W - 24°x46°

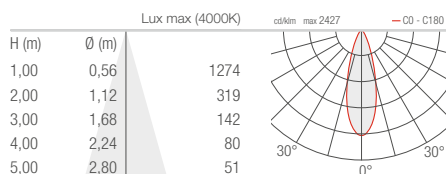


NEVA MINI 7

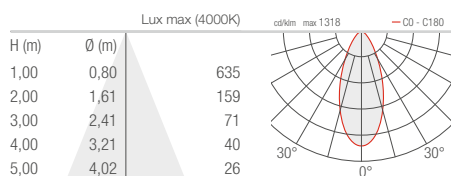
S - 18°



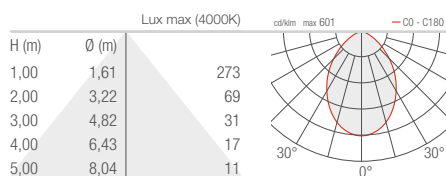
M - 32°



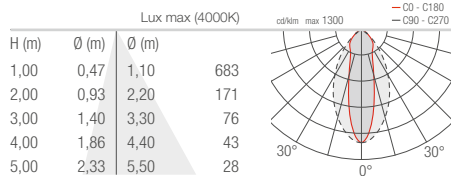
L - 44°



K - 78°

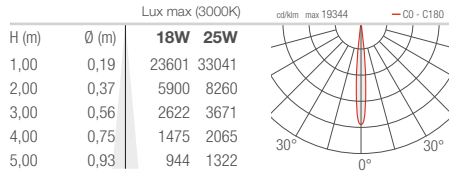


W - 26°x58°

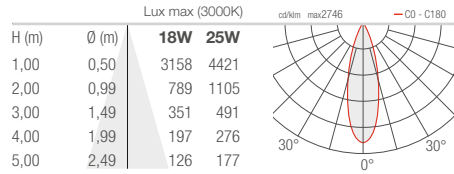


NEVA 1.0

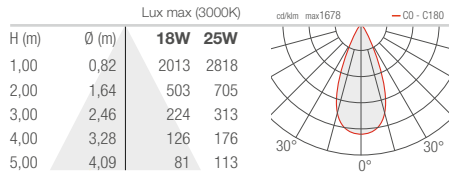
S - 11°



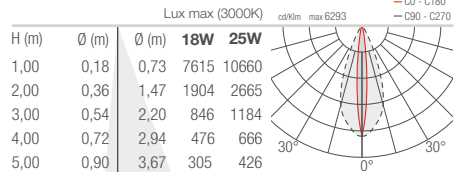
M - 30°



L - 45°

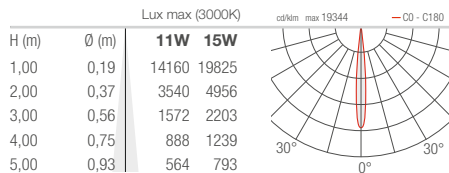


W - 10°x40°

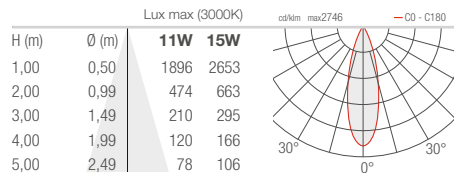


NEVA 2.0

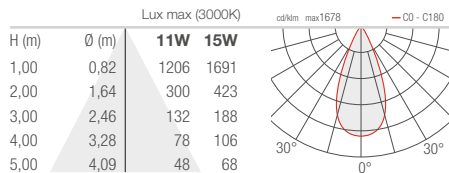
S - 11°



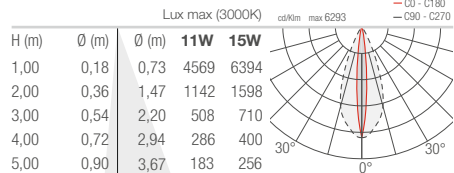
M - 30°



L - 45°



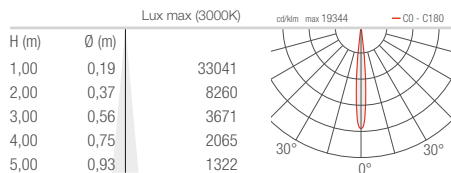
W - 10°x40°



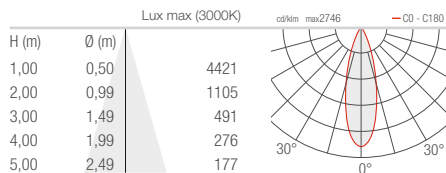


NEVA 3.0

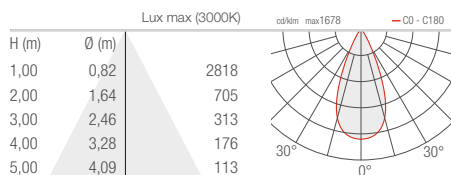
S - 11°



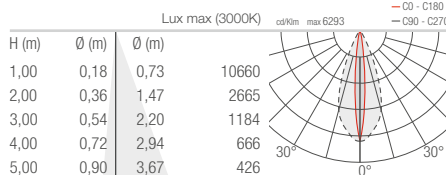
M - 30°



L - 45°

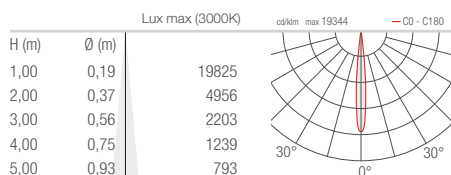


W - 10°x40°

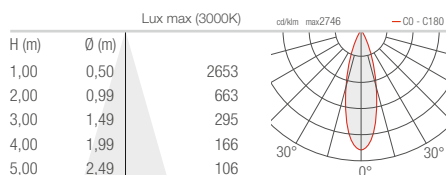


NEVA 4.0

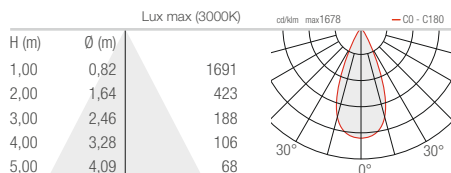
S - 11°



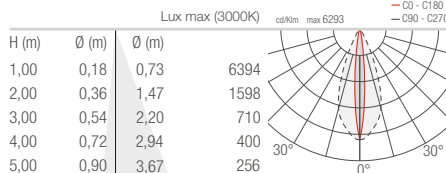
M - 30°



L - 45°

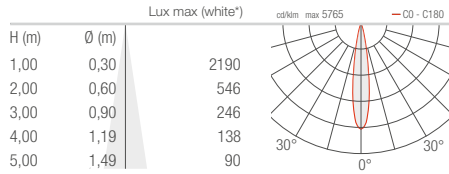


W - 10°x40°

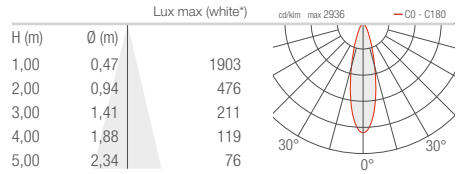


NEVA 5.0

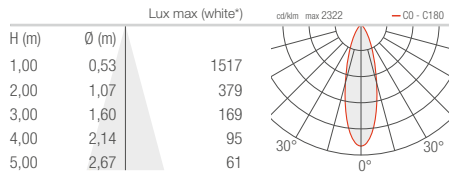
S - 15°



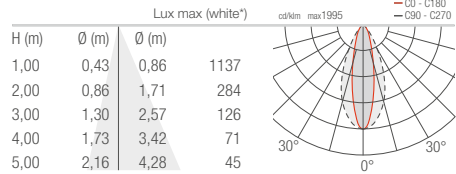
M - 26°



L - 30°



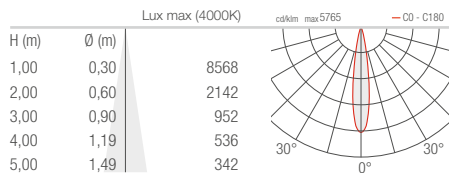
W - 24°x46°



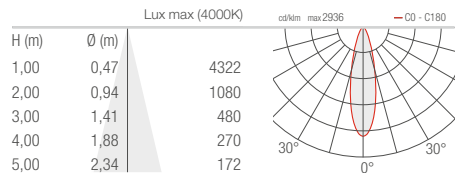
* White created by mixing the colours

NEVA 6.0

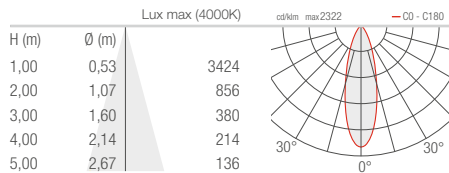
S - 15°



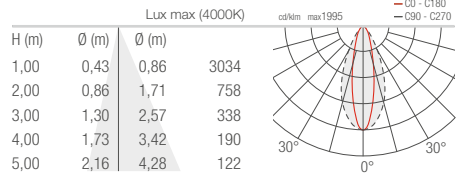
M - 26°



L - 30°



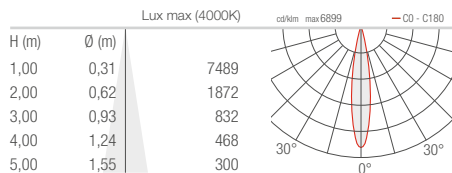
W - 24°x46°



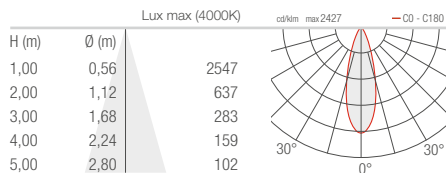


NEVA 7.0

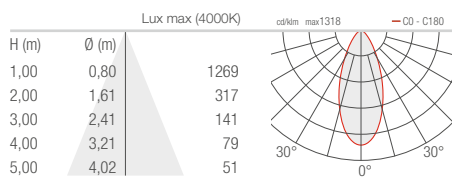
S - 18°



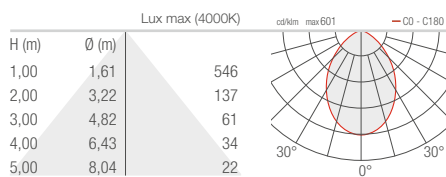
M - 32°



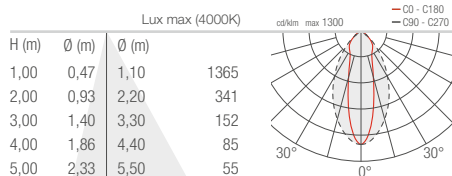
L - 44°



K - 78°



W - 26°x58°

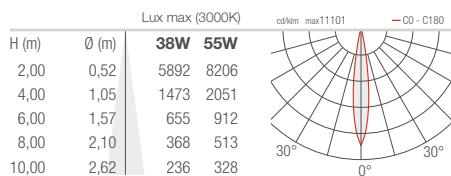


PALLADIANO

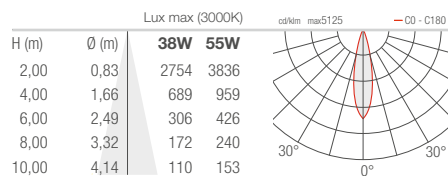
URBAN LIGHTING / OUTDOOR SUSPENDED

PALLADIANO 1.0 1.1

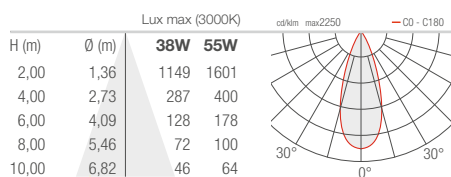
WR0301 - 15° CRI 80



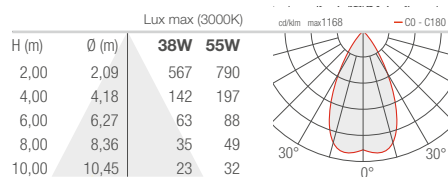
WR0302 - 24° CRI 80



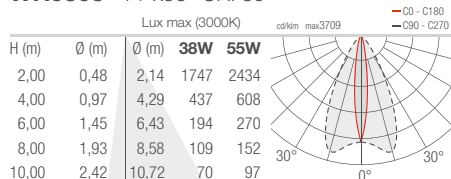
WR0303 - 38° CRI 80



WR0304 - 54° CRI 80



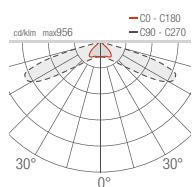
WR0305 - 14°x56° CRI 80



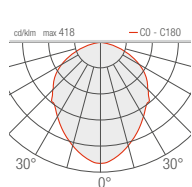


PALLADIANO 1.0
1.1

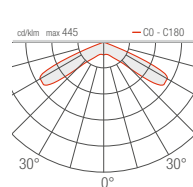
WR0306 - 153°x107°



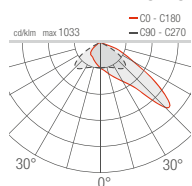
WR0307 - 85°x85°



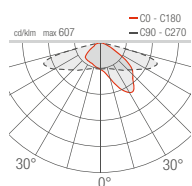
WR0308 - 130°x130°



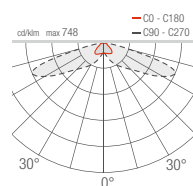
WR0309 - 119°x92°



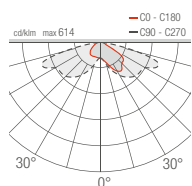
WR0310 - 158°x110°



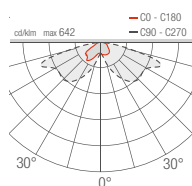
WR0311 - 149°x106°



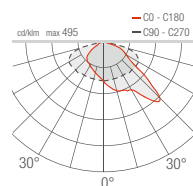
WR0312 - 160°x112°



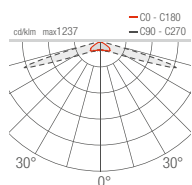
WR0313 - 162°x116°



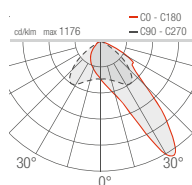
WR0314 - 165°x110°



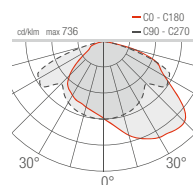
WR0315 - 145°x115°



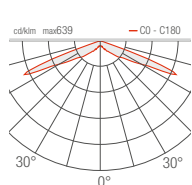
WR0316 - 110°x80°



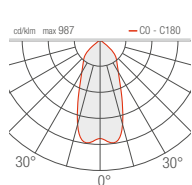
WR0317 - 145°x120°



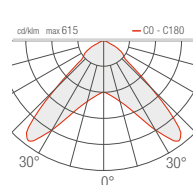
WR0318 - 135°x135°



WR0319 - 47°x47°



WR0320 - 90°x90°



PASITO

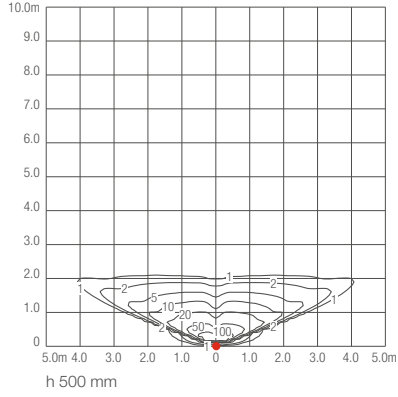
OUTDOOR STEP LIGHTS

PASITO MINI 1.0

1.1
1.2

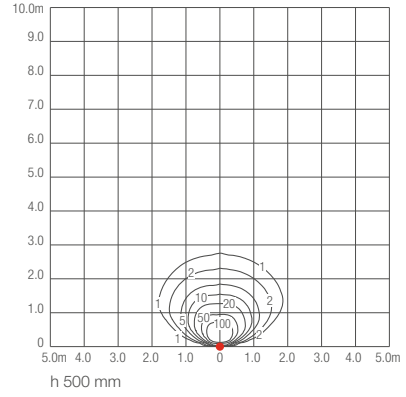
A - Asymmetrical 150°x90° CRI 80

Isolux (3000K)



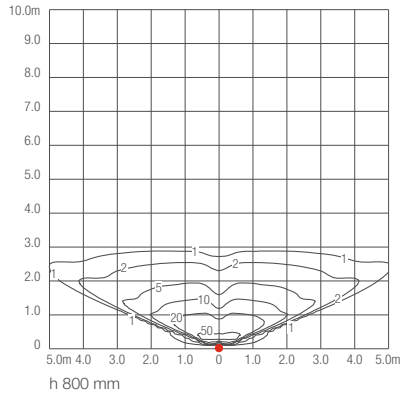
B - 60° CRI 80

Isolux (3000K)



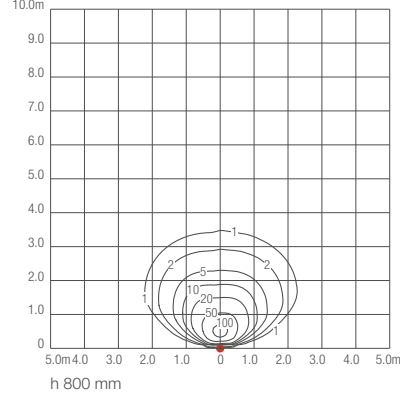
A - Asymmetrical 150°x90° CRI 80

Isolux (3000K)



B - 60° CRI 80

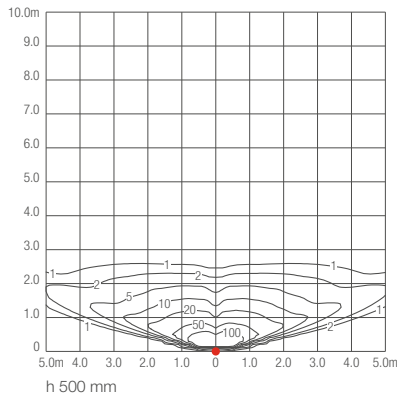
Isolux (3000K)



PASITO 1.0

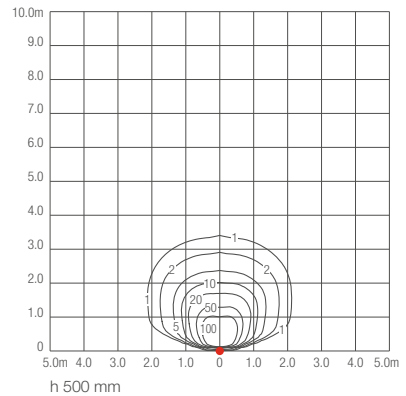
A - Asymmetrical 150°x90° CRI 80

Isolux (3000K)



B - 60° CRI 80

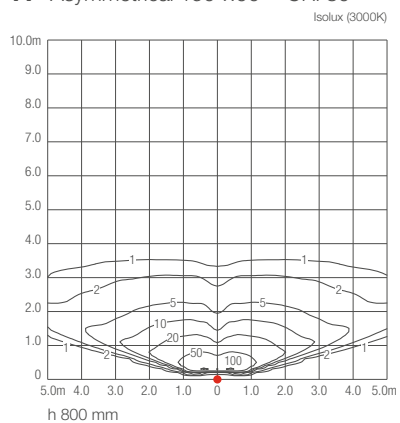
Isolux (3000K)



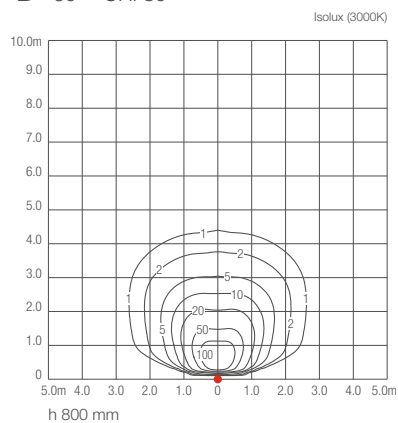


PASITO 1.0

A - Asymmetrical 150°x90° CRI 80

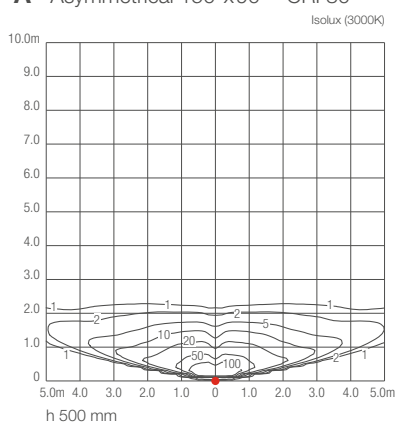


B - 60° CRI 80

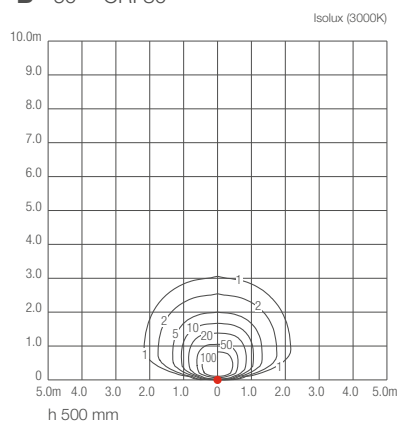


PASITO 1.1 1.2

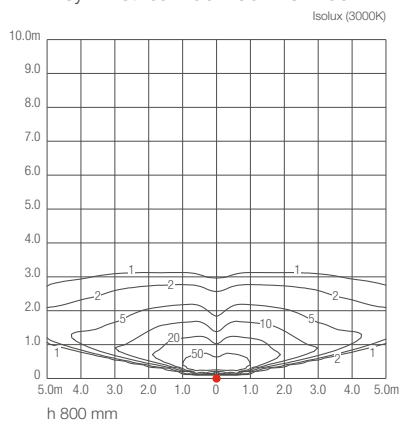
A - Asymmetrical 150°x90° CRI 80



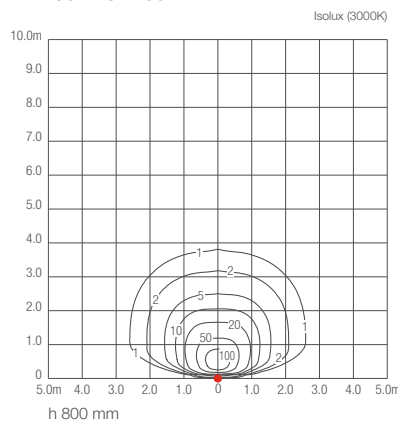
B - 60° CRI 80



A - Asymmetrical 150°x90° CRI 80



B - 60° CRI 80

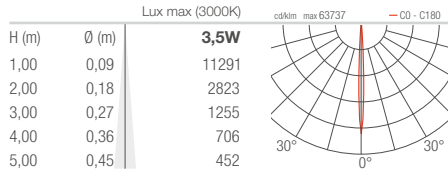


PIVOT

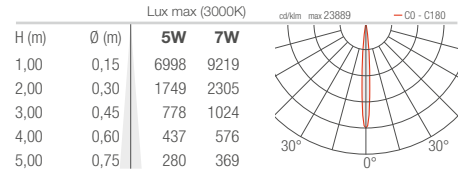
OUTDOOR PROJECTORS

PIVOT 1.7

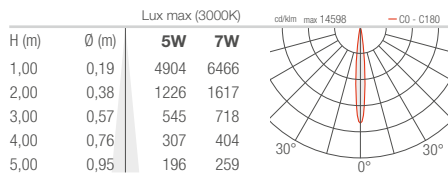
U - 5° CRI 80



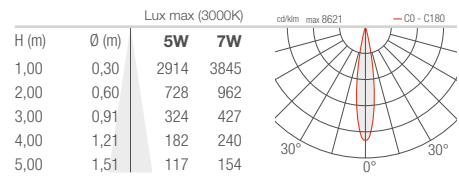
V - 8° CRI 80



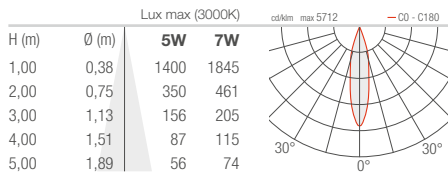
T - 11° CRI 80



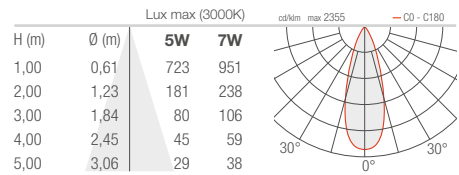
S - 17° CRI 80



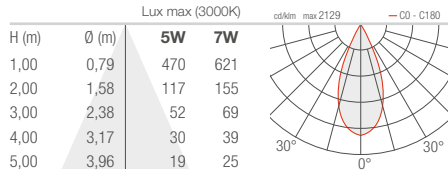
P - 21° sharp CRI 80



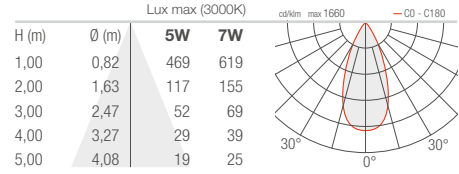
M - 34° CRI 80



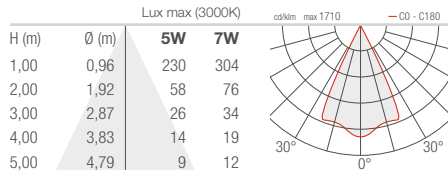
L - 43° CRI 80



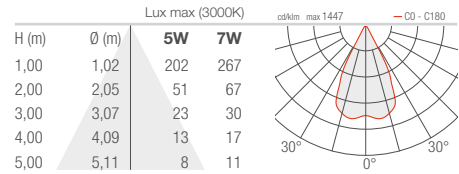
J - 45° CRI 80



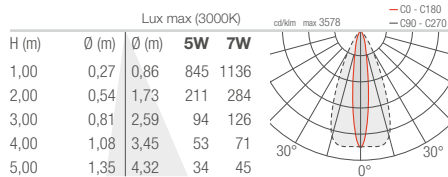
Q - 51° sharp CRI 80



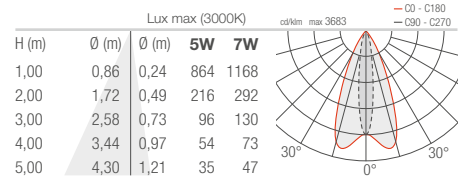
K - 54° CRI 80



W - 15°x47° CRI 80



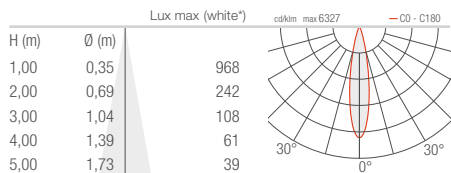
X - 46°x16° CRI 80



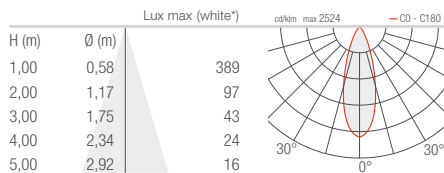


PIVOT 1.8

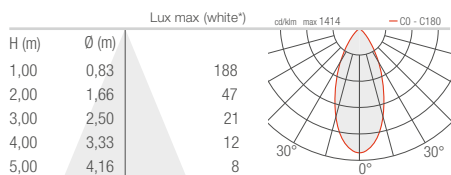
S - 20°



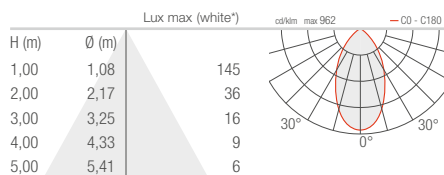
M - 33°



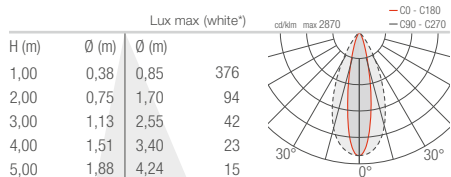
L - 45°



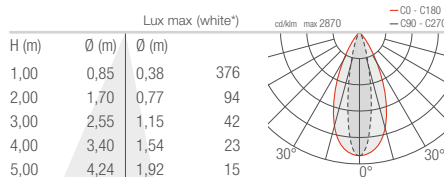
K - 58°



W - 22°x46°



X - 46°x22°



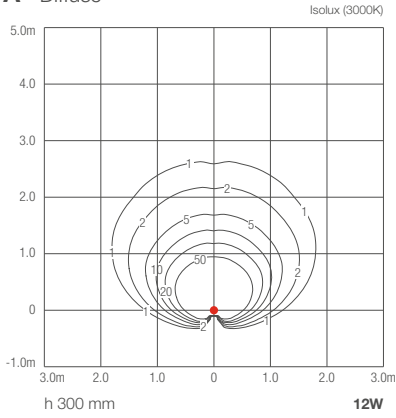
* White created by mixing the colours

PLIN

OUTDOOR BOLLARDS

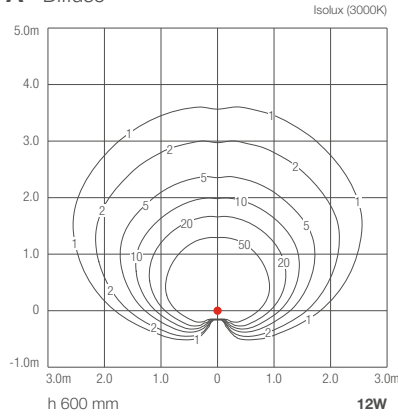
PLIN 1.0

A - Diffuse



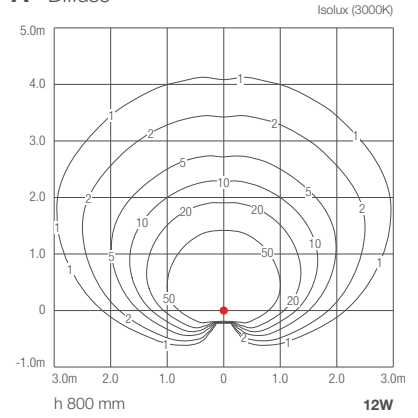
PLIN 1.1

A - Diffuse



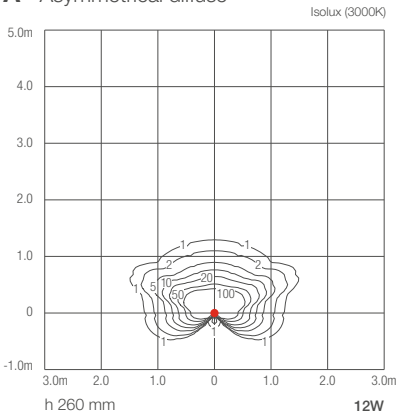
PLIN 1.2

A - Diffuse



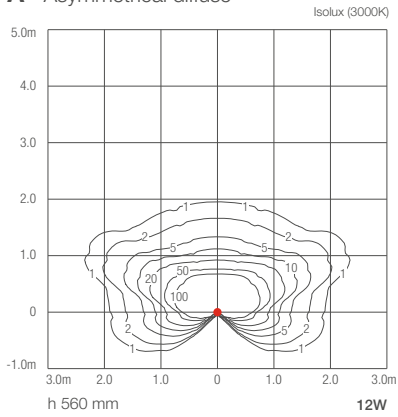
PLIN 2.0

A - Asymmetrical diffuse



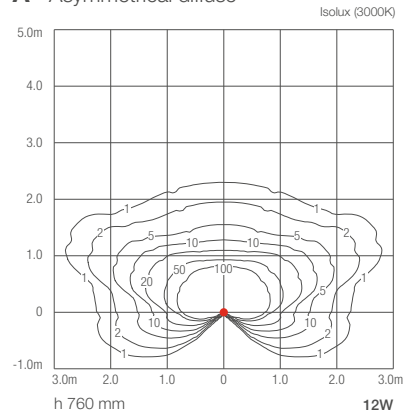
PLIN 2.1

A - Asymmetrical diffuse



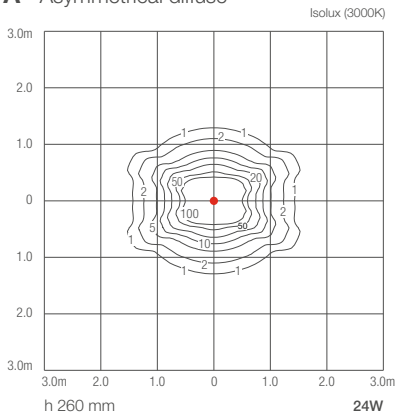
PLIN 2.2

A - Asymmetrical diffuse



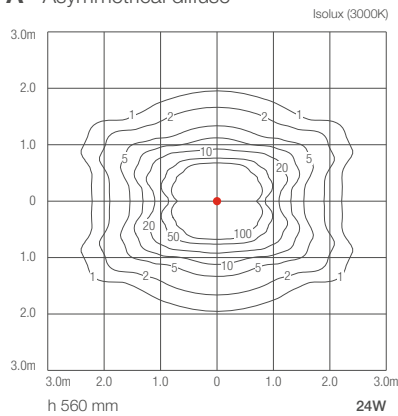
PLIN 3.0

A - Asymmetrical diffuse



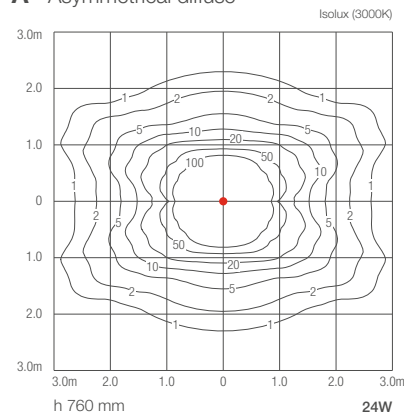
PLIN 3.1

A - Asymmetrical diffuse



PLIN 3.2

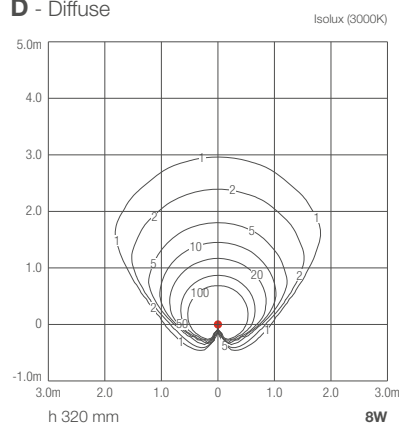
A - Asymmetrical diffuse





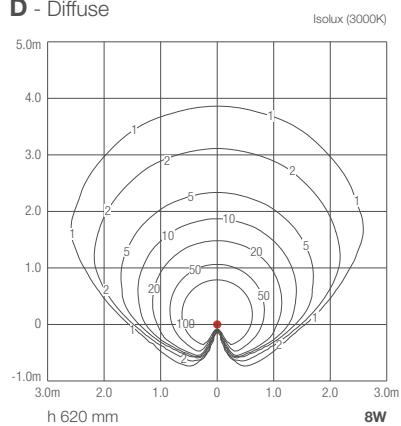
PLIN 4.0

D - Diffuse



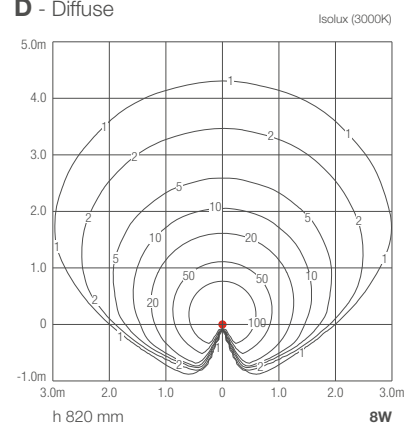
PLIN 4.1

D - Diffuse



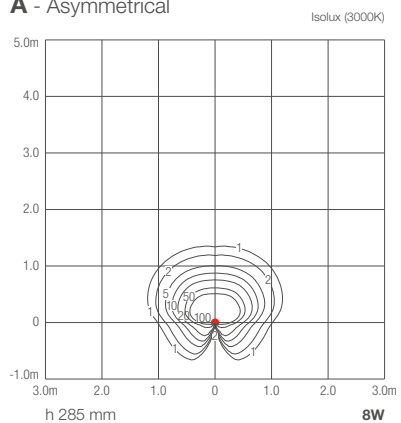
PLIN 4.2

D - Diffuse



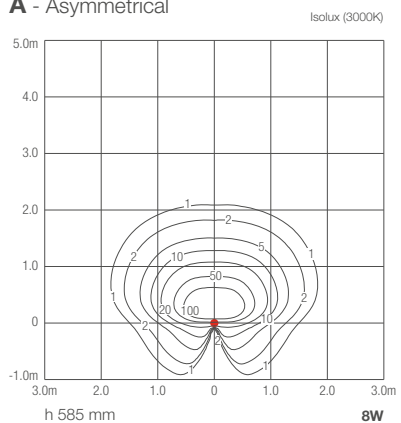
PLIN 5.0

A - Asymmetrical



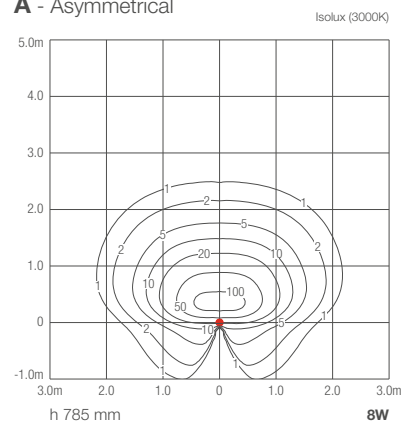
PLIN 5.1

A - Asymmetrical



PLIN 5.2

A - Asymmetrical

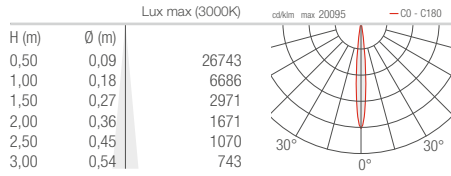


QUAD

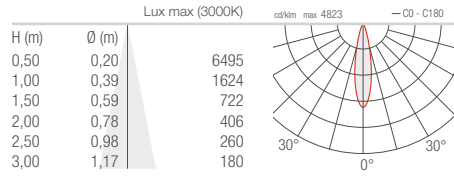
INDOOR RECESSED

QUAD 6.1

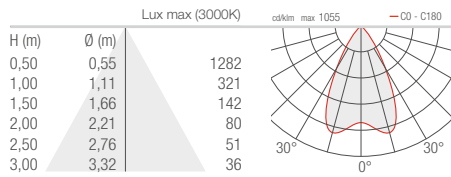
S - 12°



M - 24°

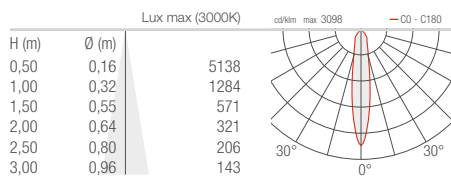


L - 56°

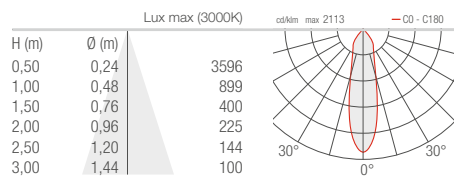


QUAD MAXI 1.1 2.1

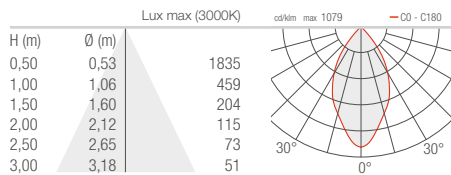
S - 20°



M - 29°

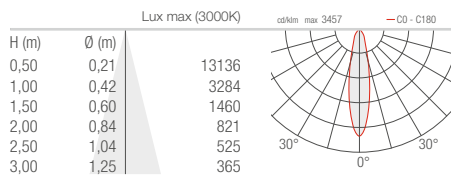


L - 54°

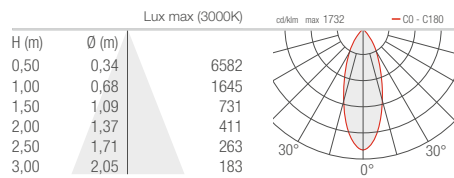


QUAD MAXI 3.1 4.1

M - 20°



L - 40°



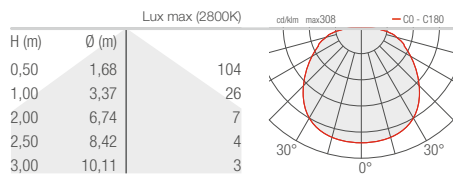


RIO

OUTDOOR LINEAR PROFILES

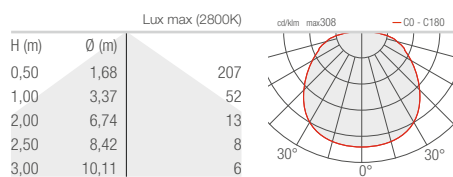
RIO 1.0

D - Diffuse



RIO 2.0

D - Diffuse

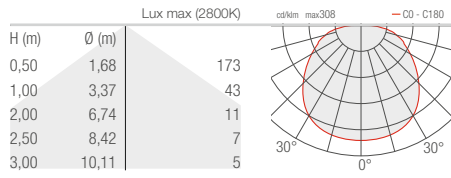


RIO SUB

UNDERWATER LINEAR PROFILES

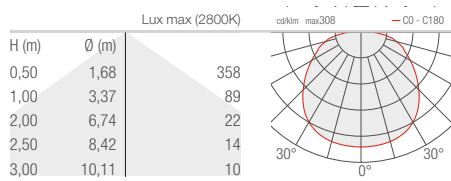
RIO SUB 1.1

D - Diffuse



RIO SUB 2.1

D - Diffuse



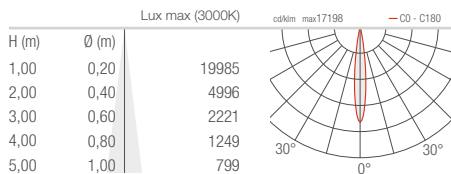


RIVER / RIVER WALL

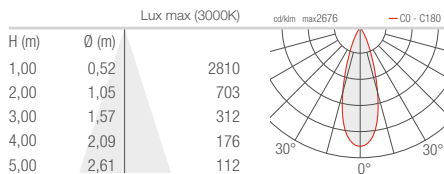
OUTDOOR LINEAR PROFILES

RIVER 1.0 RIVER WALL 1.0

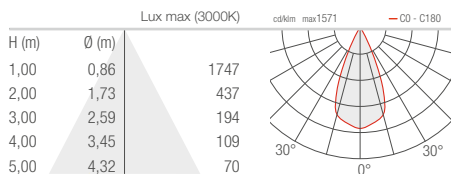
S - 11°



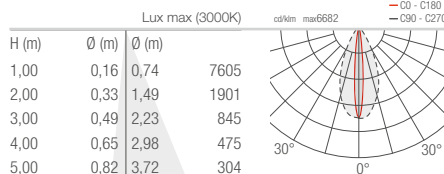
M - 30°



L - 47°

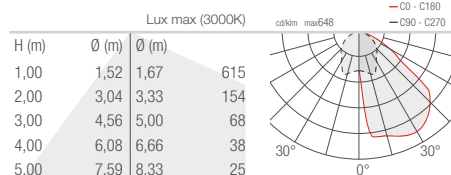


W - 10°x40°



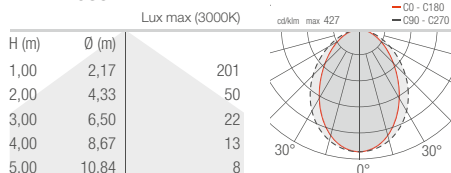
RIVER 1.1 RIVER WALL 1.1

V1 - Wall washer



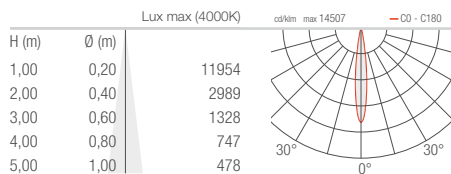
RIVER 1.2 RIVER WALL 1.2

D - Diffuse

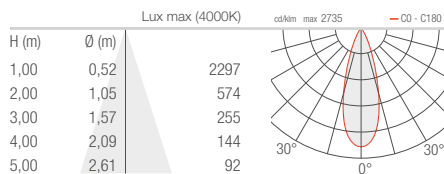


RIVER 4.0 RIVER WALL 4.0

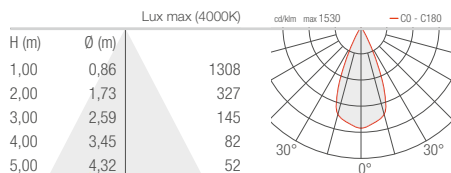
S - 13°



M - 33°



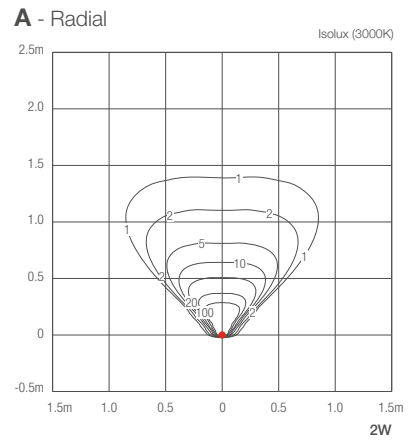
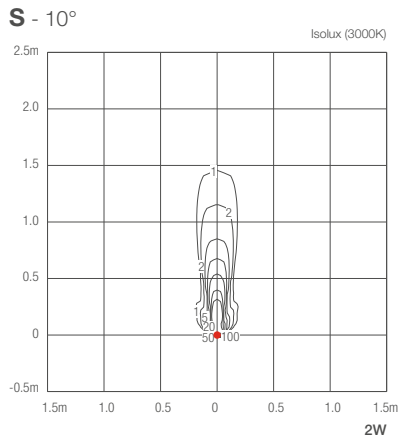
L - 47°



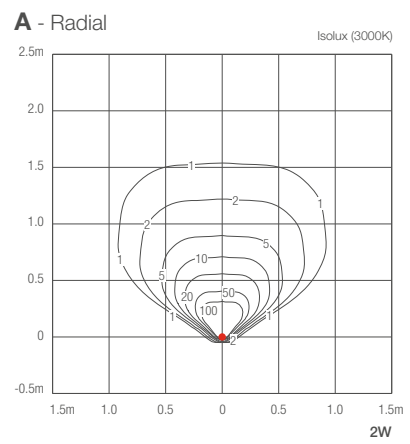
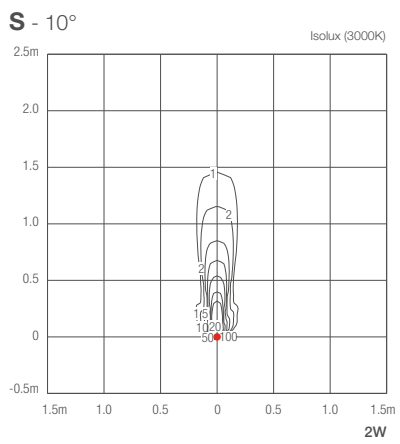
RONDÒ

OUTDOOR STEP LIGHTS

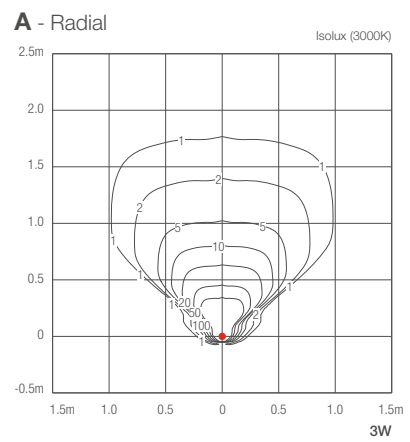
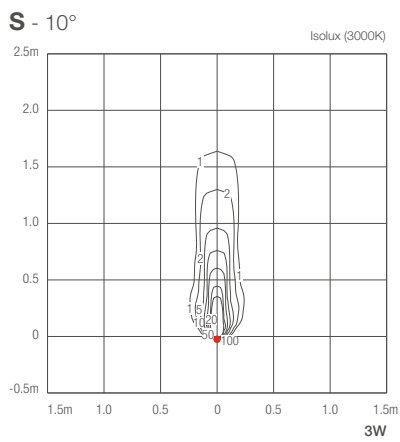
RONDÒ 1.1



RONDÒ 2.1



RONDÒ 3.1



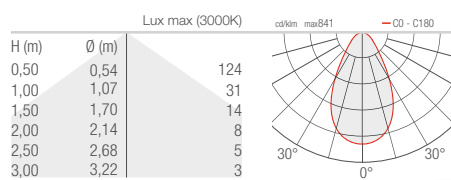


SIMPLY

INDOOR STEP LIGHTS

SIMPLY 1.0

D - Diffuse

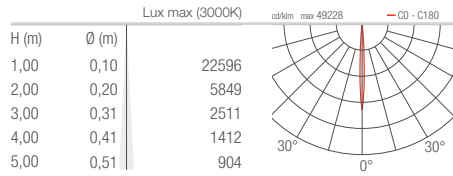


SIRI

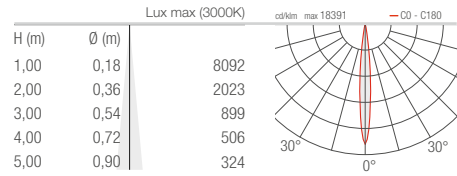
OUTDOOR PROJECTORS

SIRI 1.0 1.1

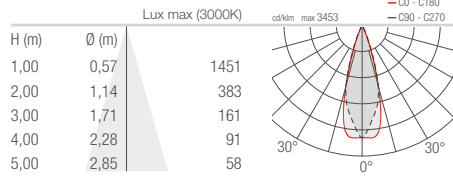
V - 6°



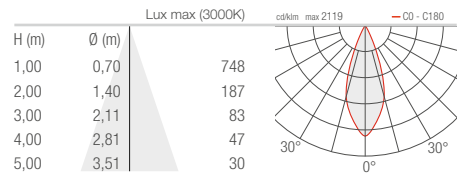
S - 12°



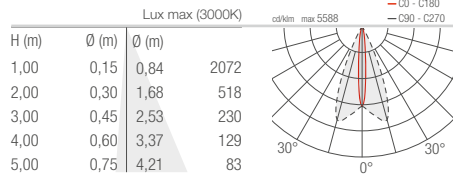
M - 30°



L - 40°

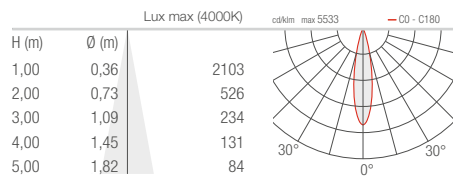


W - 10°x45°

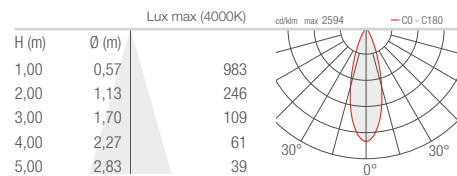


SIRI 1.2 1.3

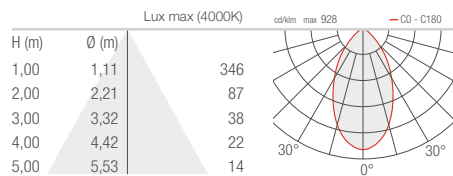
S - 21°



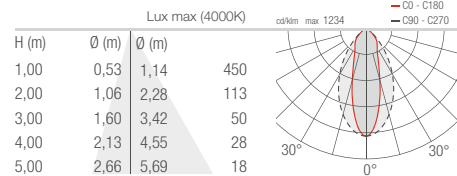
M - 32°



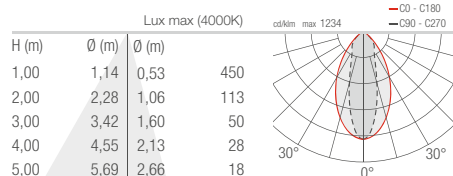
L - 58°



W - 30°x60°



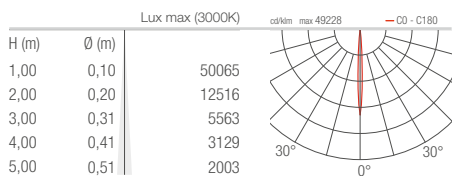
X - 60°x30°



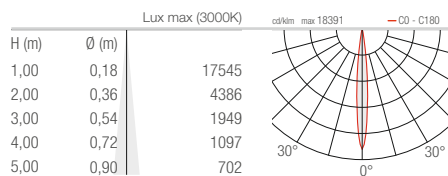


SIRI 2.0
2.1

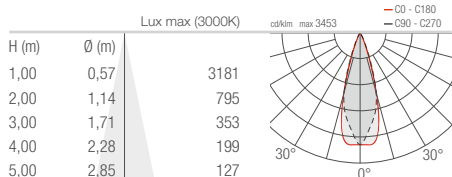
V - 6°



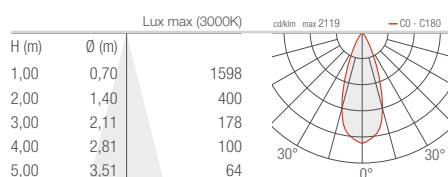
S - 12°



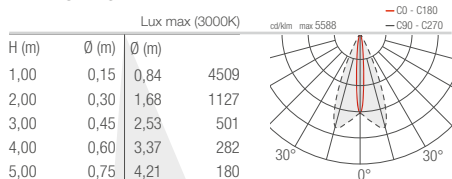
M - 30°



L - 40°

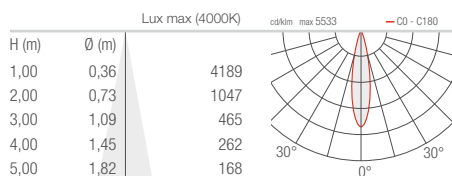


W - 10°x45°

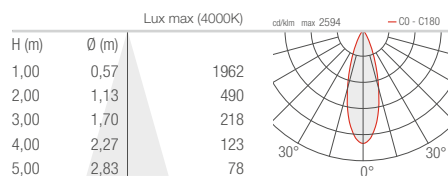


SIRI 2.2
2.3

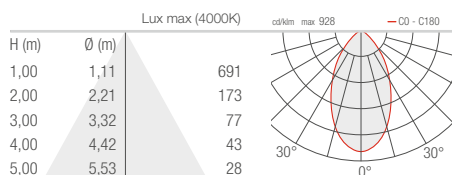
S - 21°



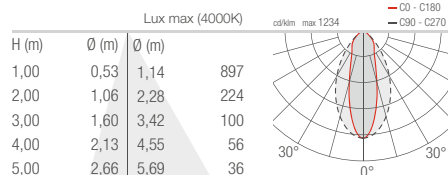
M - 32°



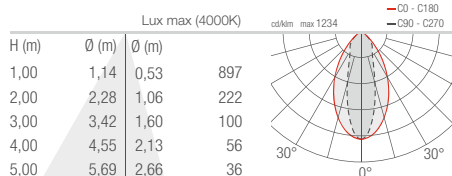
L - 58°



W - 30°x60°

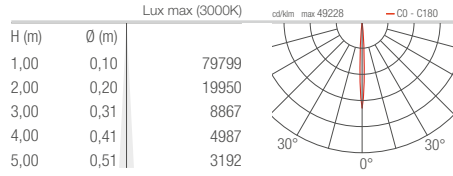


X - 60°x30°

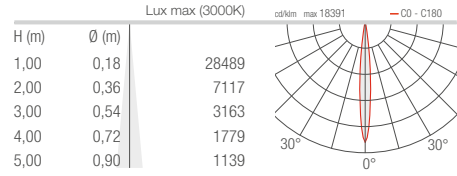


SIRI 3.0 3.1

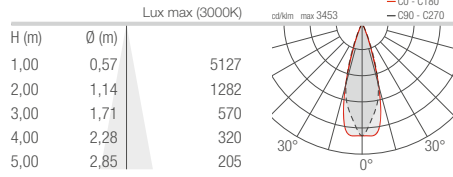
V - 6°



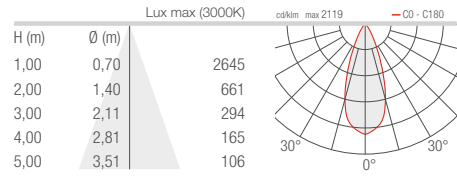
S - 12°



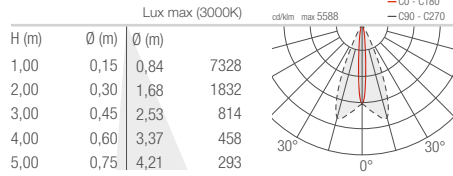
M - 30°



L - 40°

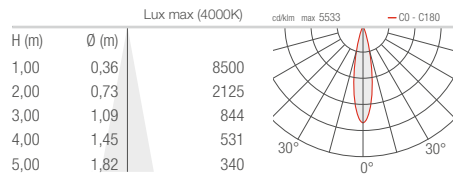


W - 10°x45°

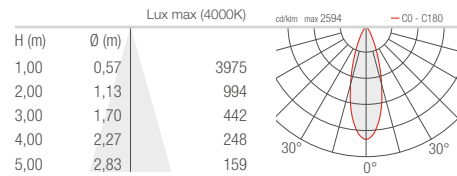


SIRI 3.2 3.3

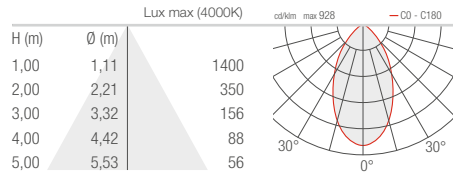
S - 21°



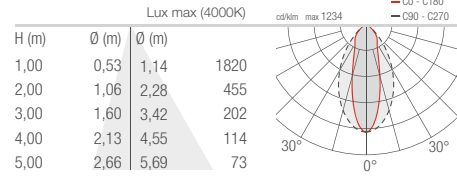
M - 32°



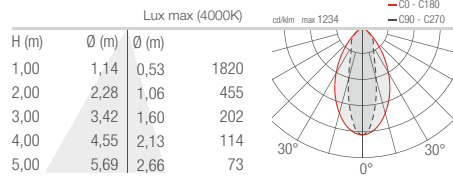
L - 58°



W - 30°x60°



X - 60°x30°



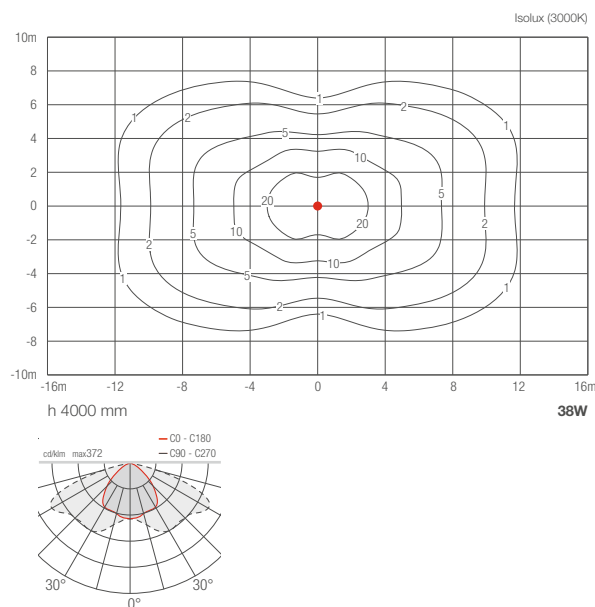


SIRI BLVD

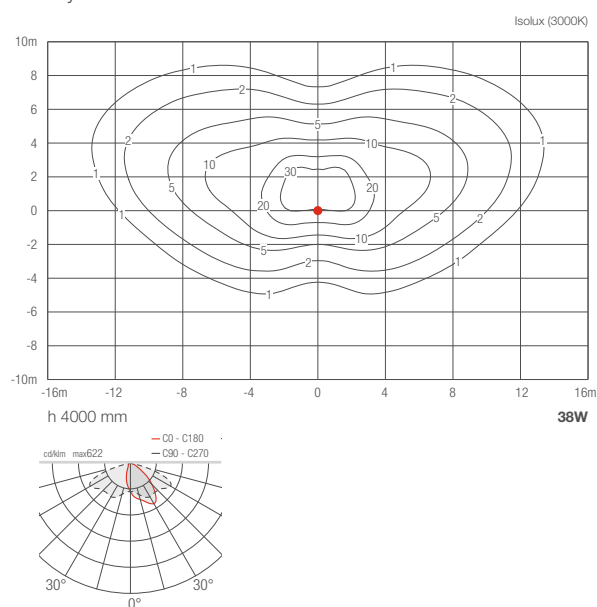
URBAN LIGHTING

SIRI BLVD 1.0
2.0
3.0

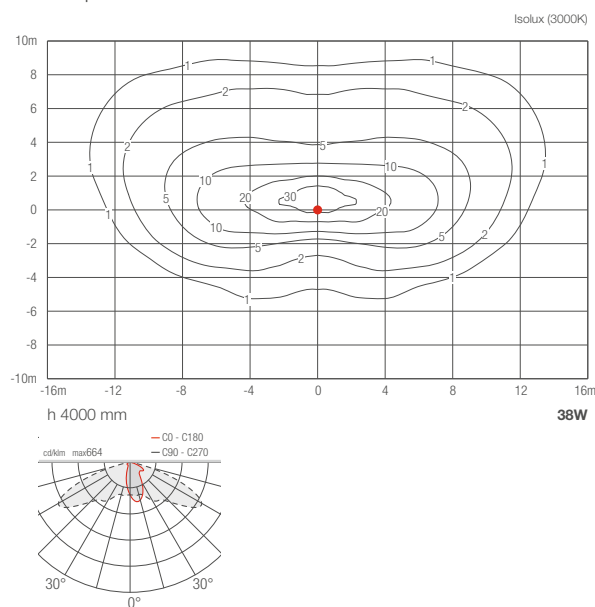
A - Pedestrian zone



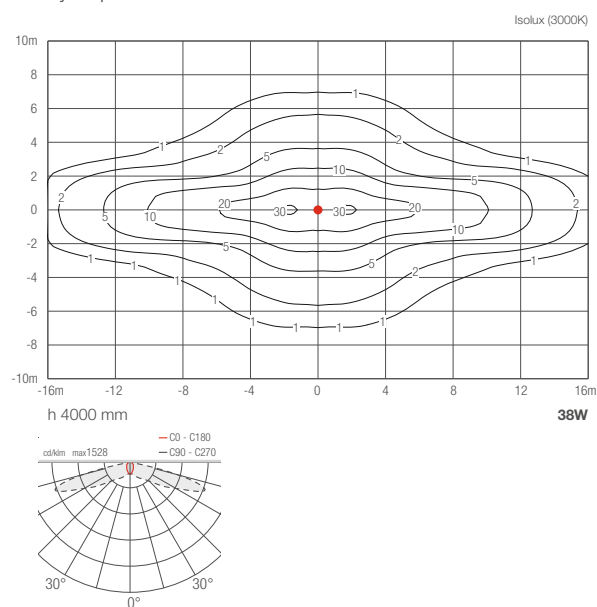
B - Asymmetrical



C - Footpath



D - Cycle path

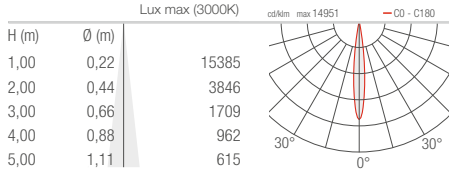


SIRI TRACK

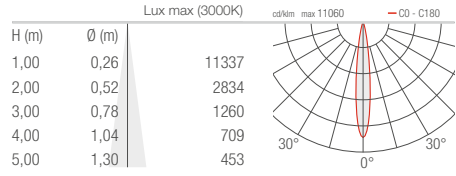
INDOOR PROJECTORS

SIRI TRACK 2.0

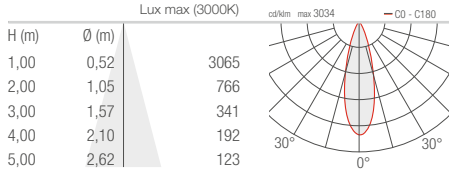
11° CRI 80



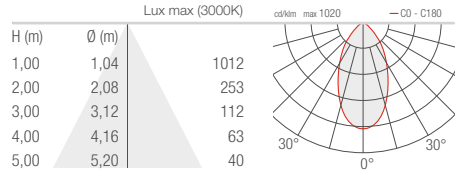
18° CRI 80



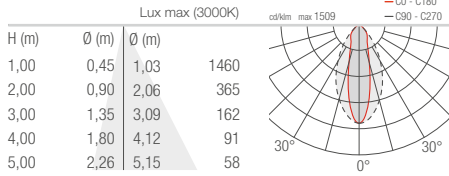
29° CRI 80



55° CRI 80



24°x55° CRI 80



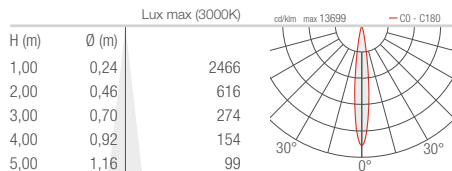


SMOOTHY

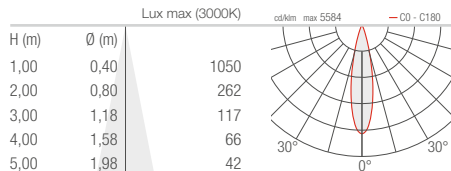
OUTDOOR RECESSED

SMOOTHY 1.0

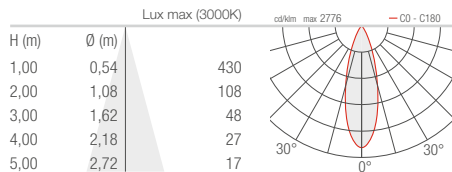
S - 13° CRI 80



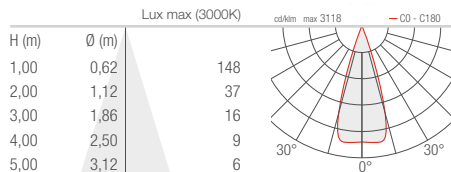
M - 22° CRI 80



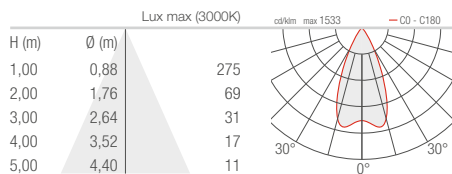
F - 30° CRI 80



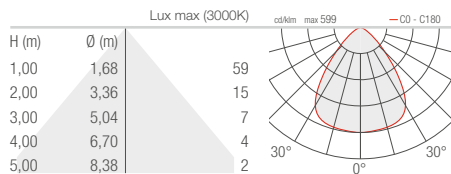
P - 35° sharp CRI 80



L - 48° CRI 80

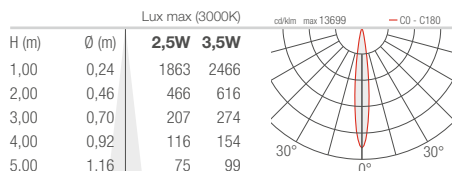


D - Diffuse CRI 80

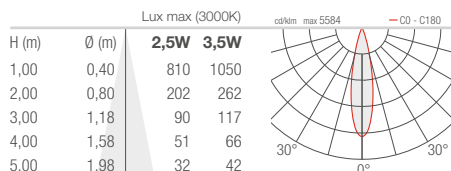


SMOOTHY 1.6 2.8

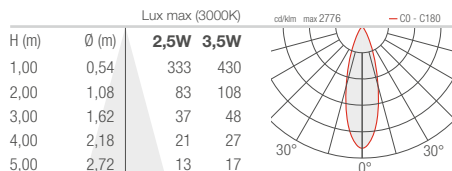
S - 13° CRI 80



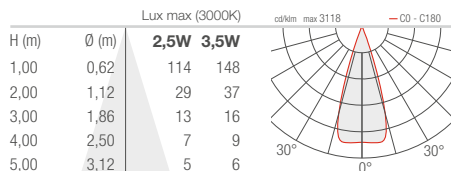
M - 22° CRI 80



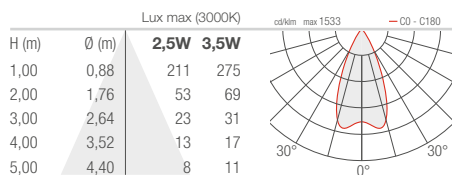
F - 30° CRI 80



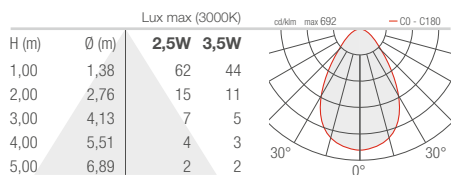
P - 35° sharp CRI 80



L - 48° CRI 80

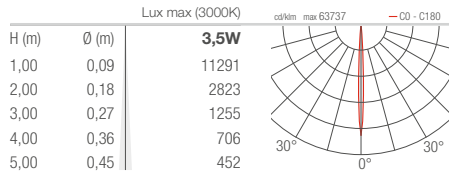


D - Diffuse CRI 80 (Smoothy 1.6)

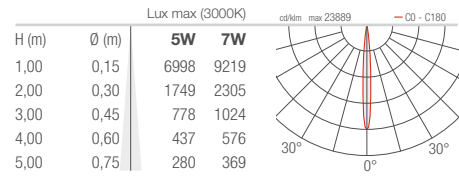


SMOOTHY 2.4 5.6

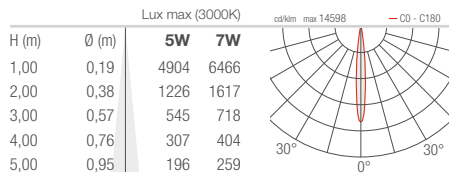
U - 5° CRI 80



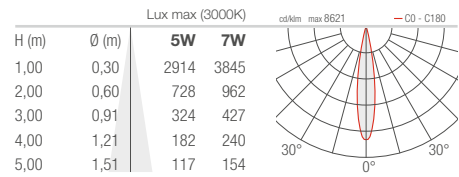
V - 8° CRI 80



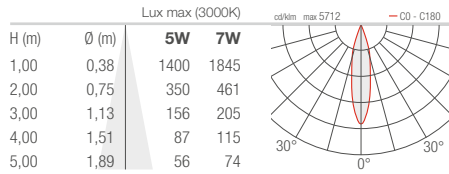
T - 11° CRI 80



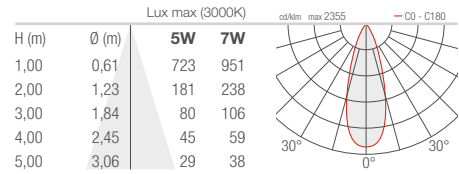
S - 17° CRI 80



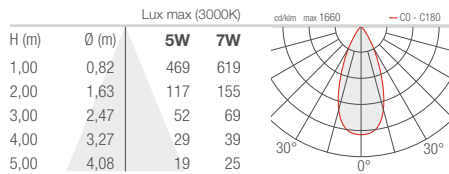
P - 21° sharp CRI 80



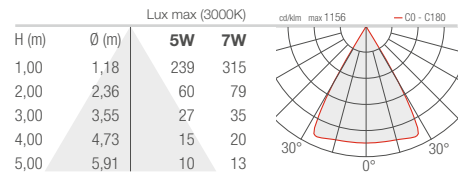
M - 34° CRI 80



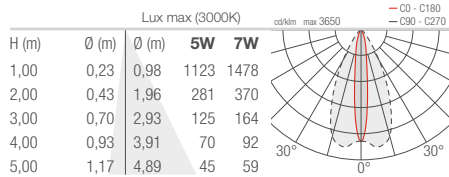
L - 45° CRI 80



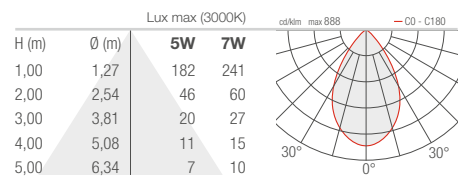
Q - 61° sharp CRI 80



W - 13°x52° CRI 80



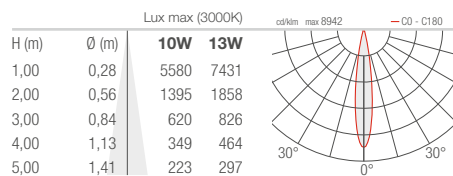
D - Diffuse CRI 80 (Smoothy 2.4)



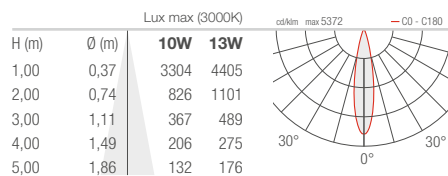


SMOOTHY 5.4

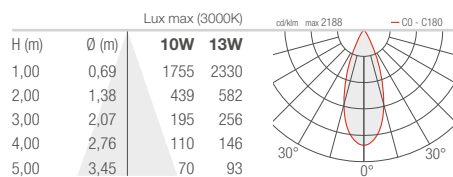
S - 16° CRI 80



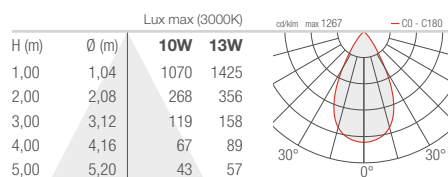
M - 21° CRI 80



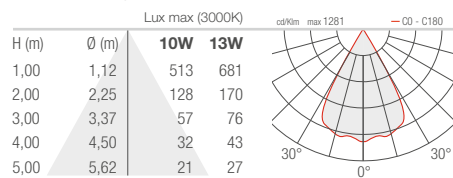
L - 38° CRI 80



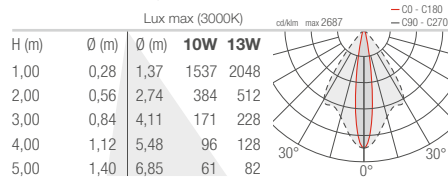
K - 55° CRI 80



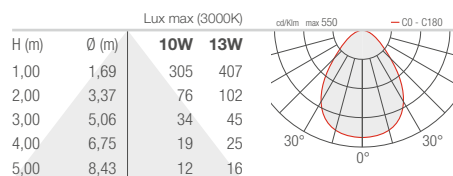
P - 58° sharp CRI 80



W - 16°x69° adjustable CRI 80



D - Diffuse CRI 80

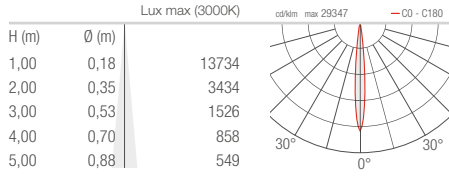


SNACK

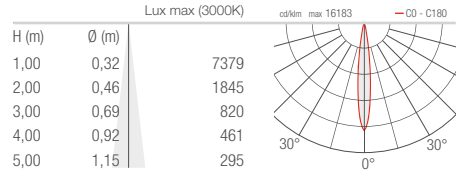
INDOOR LINEAR PROFILES

SNACK 1.0

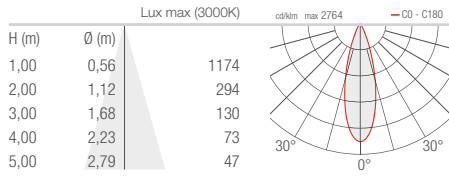
T - 7°



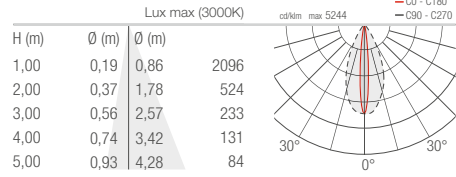
S - 10°



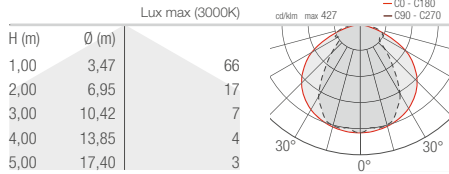
F - 30°



W - 10°x45°

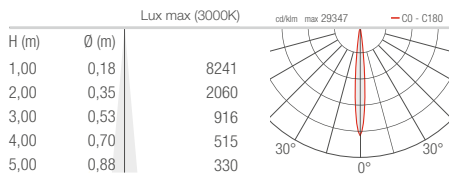


D - Diffuse

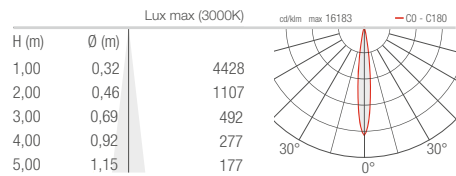


SNACK 2.0

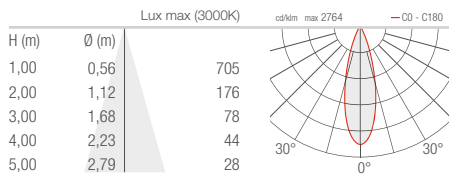
T - 7°



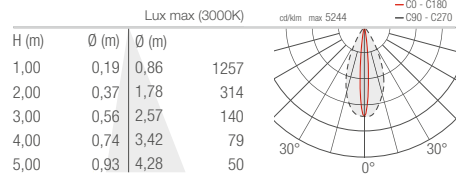
S - 10°



F - 30°



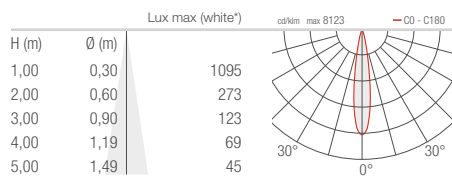
W - 10°x45°



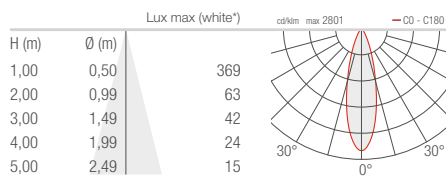


SNACK 3.0

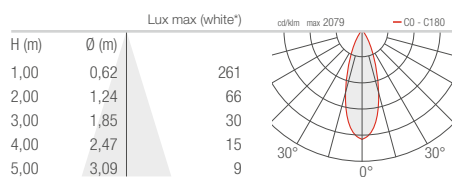
S - 18°



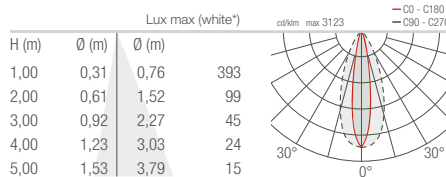
M - 26°



L - 32°



W - 22°x42°



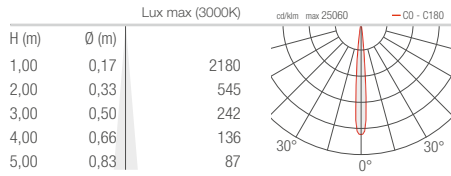
* White created by mixing the colours

SPOT

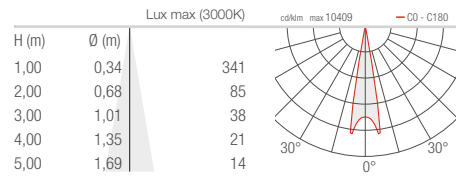
OUTDOOR PROJECTORS

SPOT 1.0 1.6

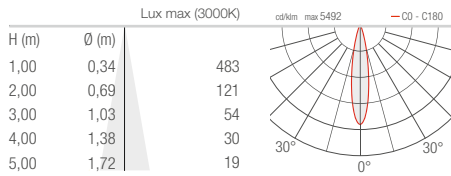
S - 10°



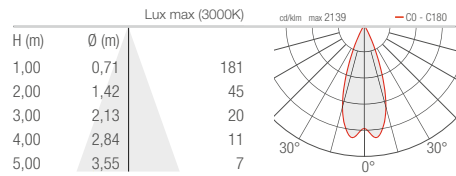
V - 19° sharp



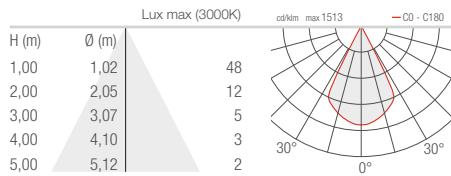
M - 20°



L - 40°

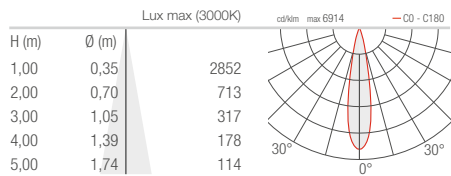


T - 54° sharp

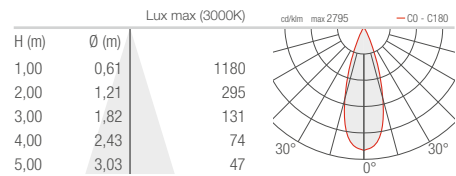


SPOT 2.4

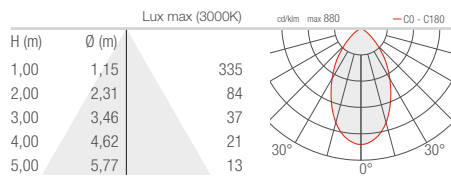
S - 20°



M - 34°



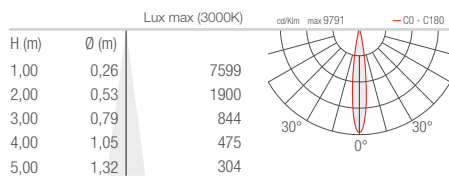
L - 60°



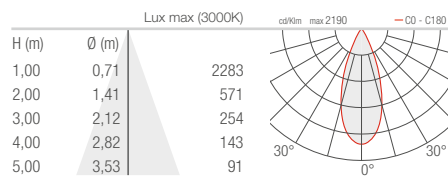


SPOT 3.4

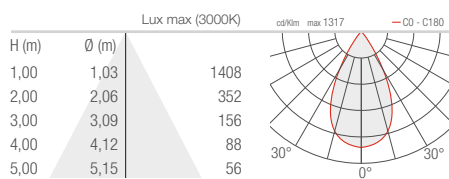
S - 15°



M - 39°



L - 55°

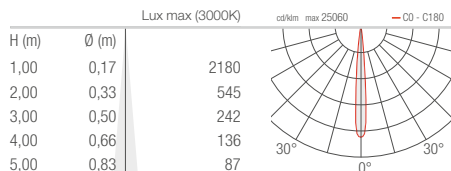


SPOT 316L

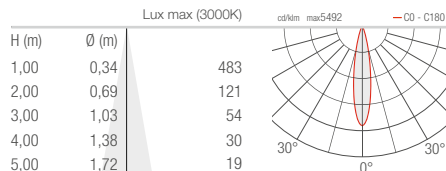
UNDERWATER AND OUTDOOR PROJECTORS

SPOT 1.0 316L 1.6 316L

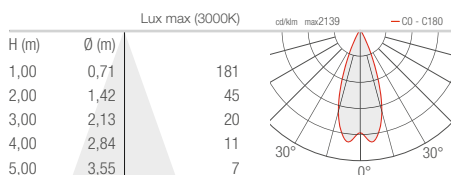
S - 10°



M - 20°

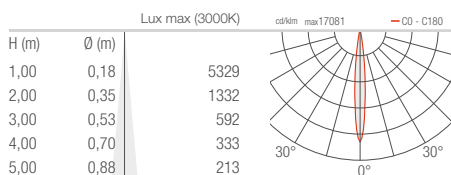


L - 40°

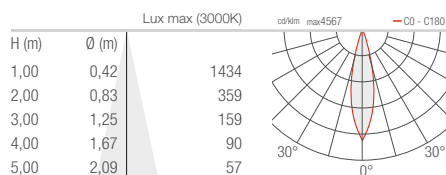


SPOT 2.0 316L 2.6 316L

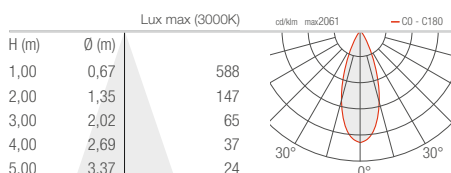
S - 10°



M - 24°

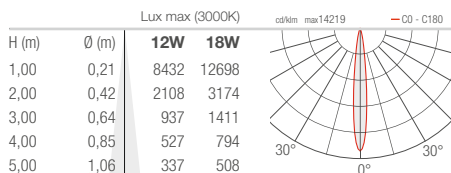


L - 38°

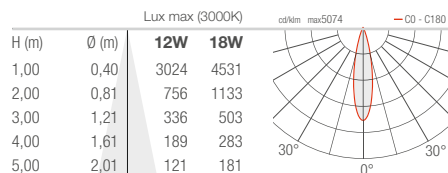


SPOT 3.0 316L

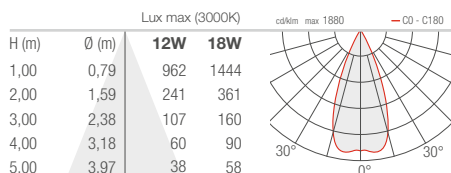
S - 10°



M - 20°



L - 40°





STEP INSIDE

INDOOR STEP LIGHTS

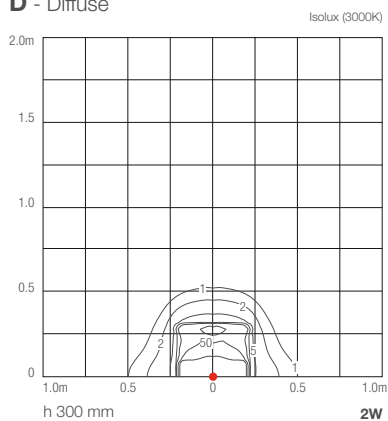
STEP INSIDE 2.2

2.3

2.8

2.9

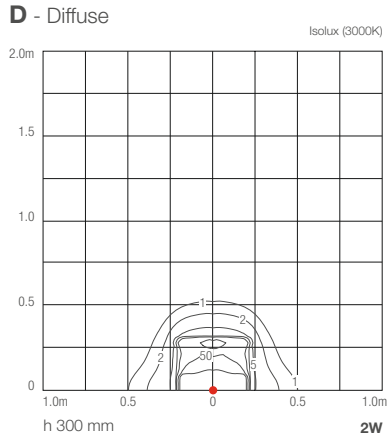
D - Diffuse



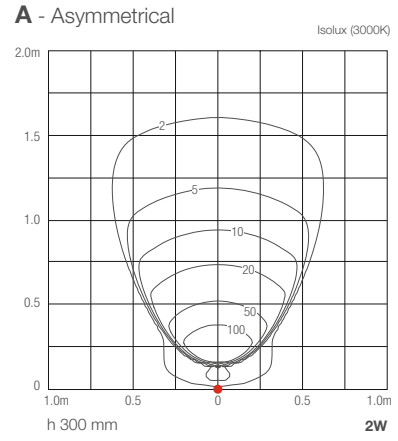
STEP OUTSIDE

OUTDOOR STEP LIGHTS

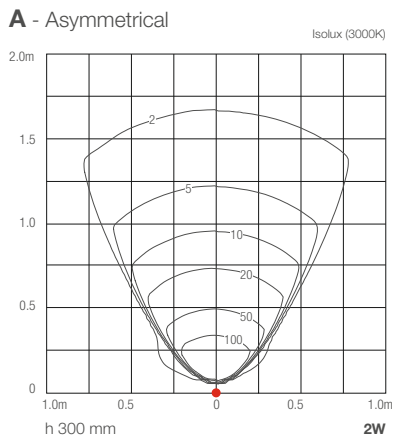
**STEP
OUTSIDE 2.0
2.1
2.6
2.7**



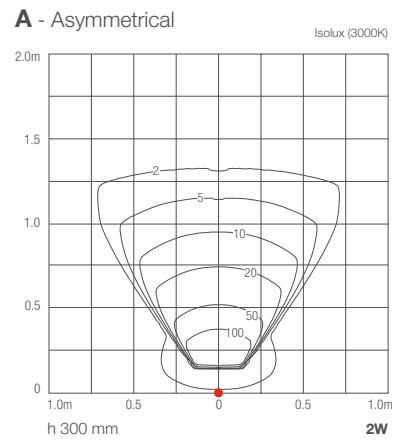
**STEP
OUTSIDE 5.1**



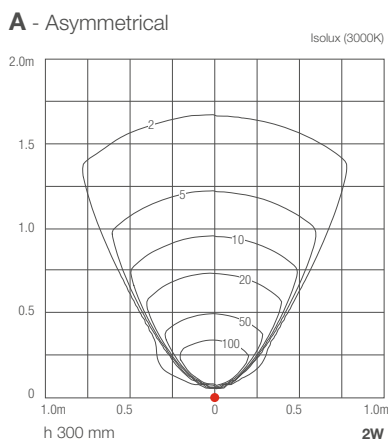
**STEP
OUTSIDE 5.2**



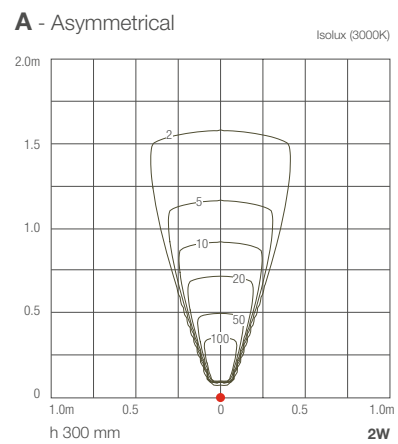
**STEP
OUTSIDE 6.1**



**STEP
OUTSIDE 6.2**

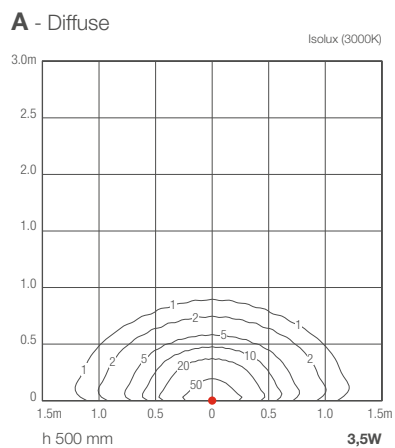
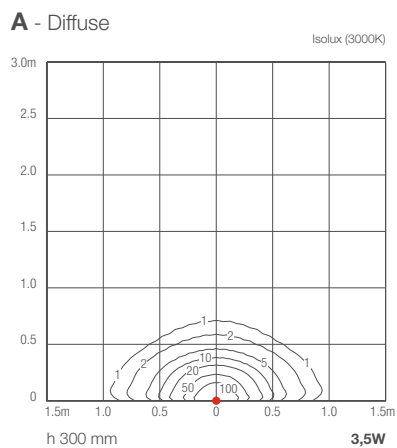


**STEP
OUTSIDE 6.3**

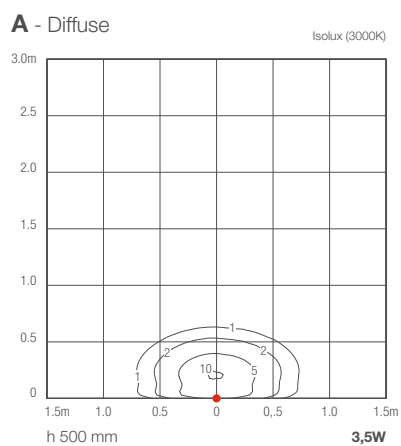
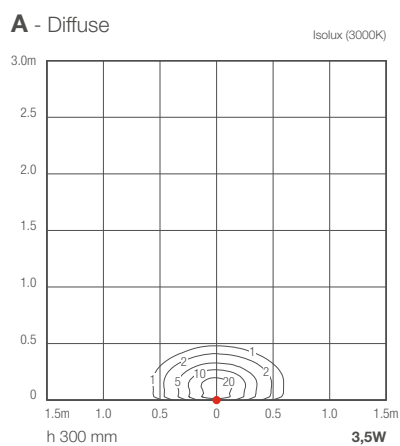




STEP OUTSIDE 7.0



STEP OUTSIDE 8.0

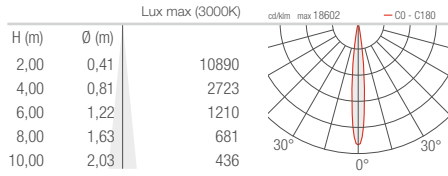


STRA

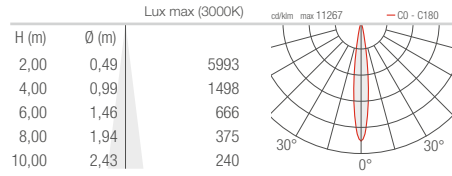
OUTDOOR RECESSED

STRA 1.0

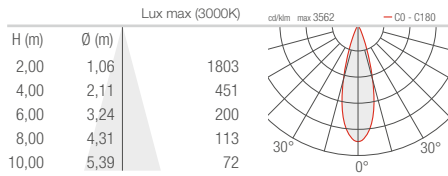
V - 11° CRI 80



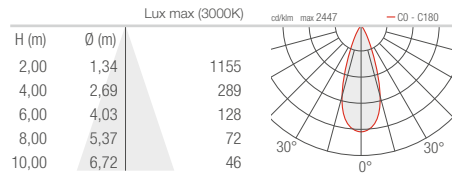
S - 14° CRI 80



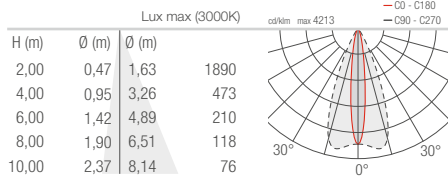
M - 30° CRI 80



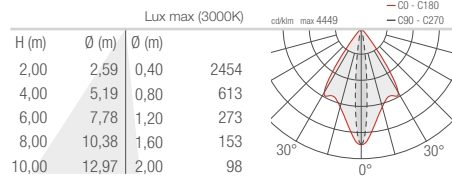
L - 37° CRI 80



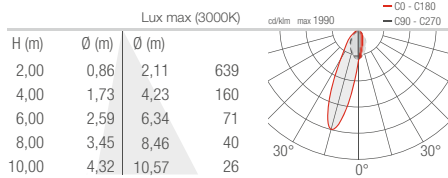
W - 10°x45° CRI 80



X - 66°x11° adjustable CRI 80



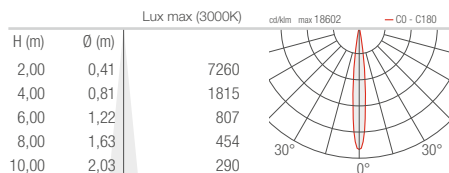
H - Wall washer CRI 80



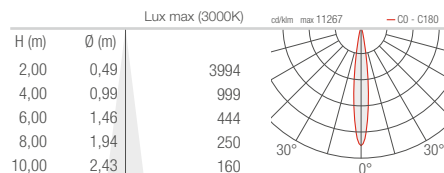


STRA 2.0

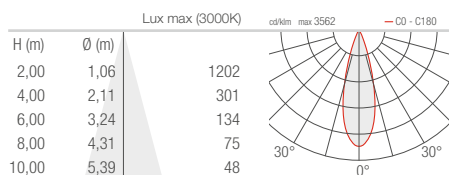
V - 11° CRI 80



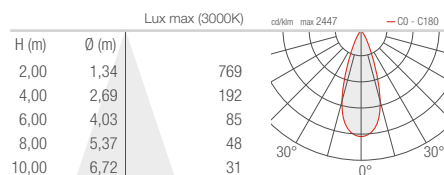
S - 14° CRI 80



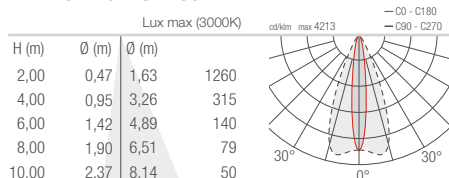
M - 30° CRI 80



L - 37° CRI 80

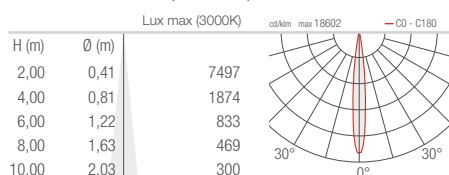


W - 10°x45° CRI 80

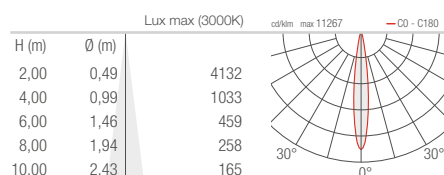


STRA 3.0 4.0

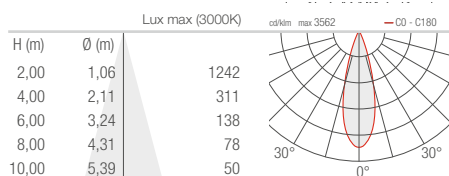
V - 11° CRI 80 (Stra 3.0)



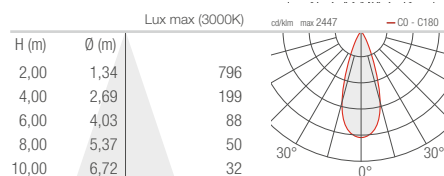
S - 14° CRI 80



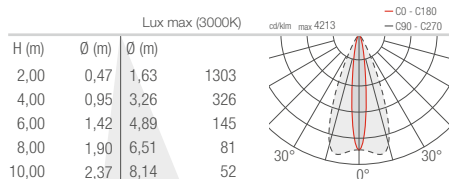
M - 30° CRI 80



L - 37° CRI 80

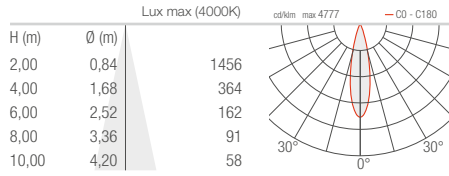


W - 10°x45° CRI 80

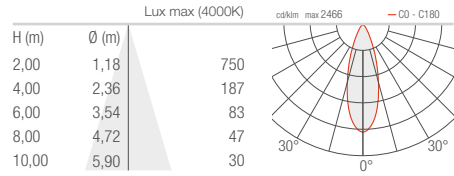


STRA 5.0

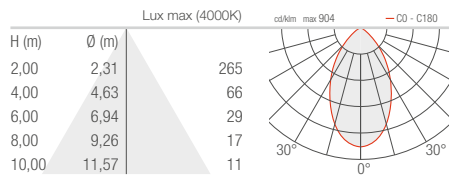
S - 24°



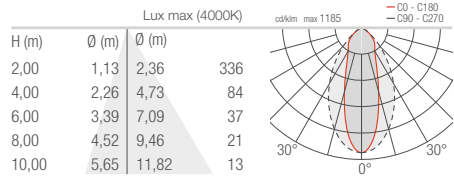
M - 33°



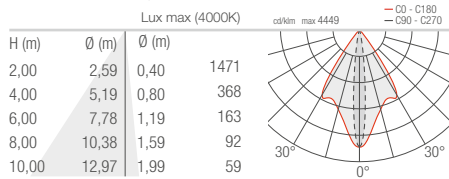
L - 60°



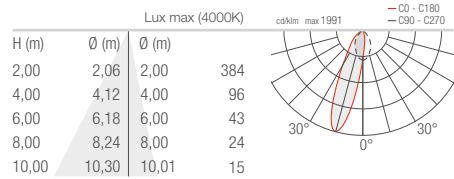
W - 32°x61°



X - 66°x11° adjustable



H - Wall washer



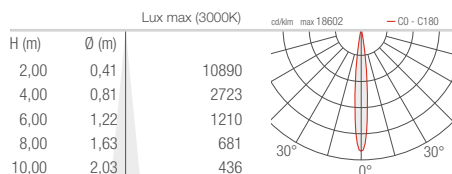


STRA P

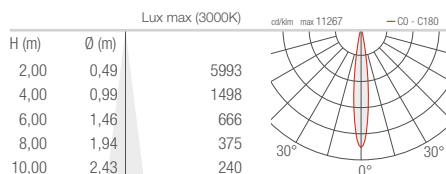
OUTDOOR PROJECTORS

STRA P 1.0

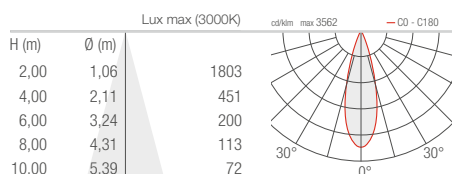
V - 11° CRI 80



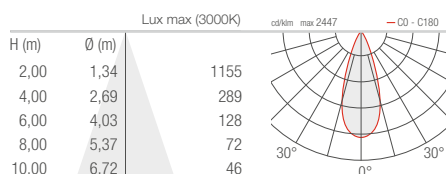
S - 14° CRI 80



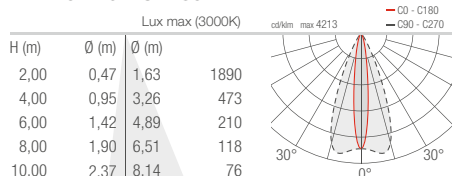
M - 30° CRI 80



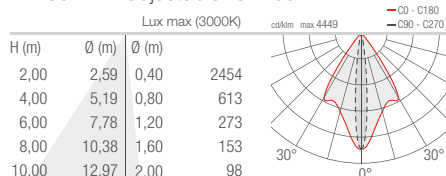
L - 37° CRI 80



W - 10°x45° CRI 80

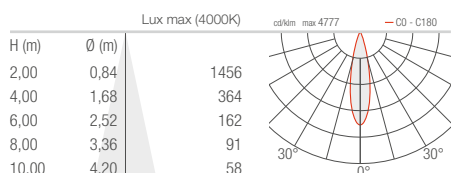


X - 66°x11° adjustable CRI 80

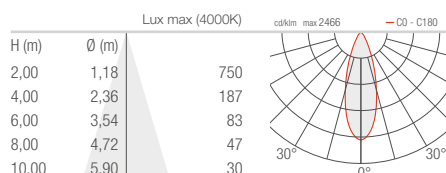


STRA P 5.0

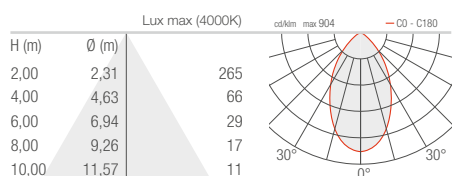
S - 24°



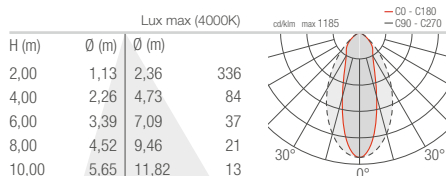
M - 33°



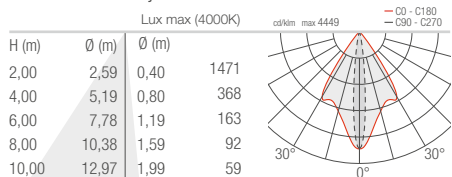
L - 60°



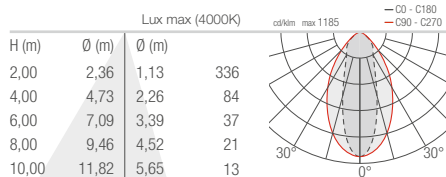
W - 32°x61°



X - 66°x11° adjustable



Z - 61°x32°

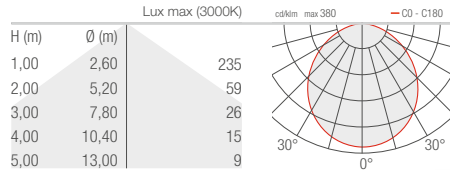


TAK

OUTDOOR CEILING MOUNTED

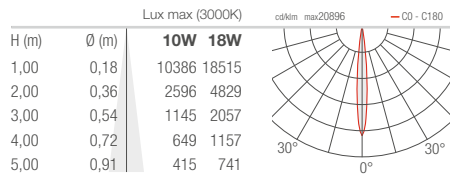
TAK 1.0

D - Diffuse

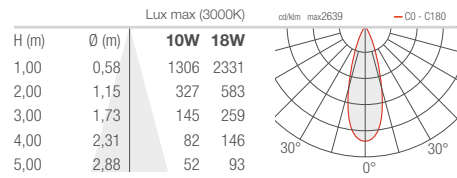


TAK 1.1

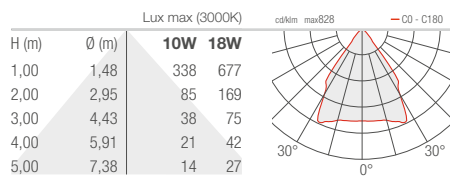
S - 10°



F - 30°



K - 70°



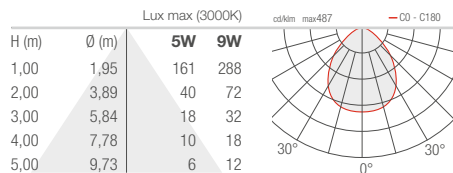


TEKO

INDOOR CEILING MOUNTED

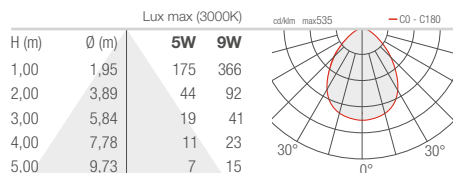
TEKO 5.0

D - Diffuse



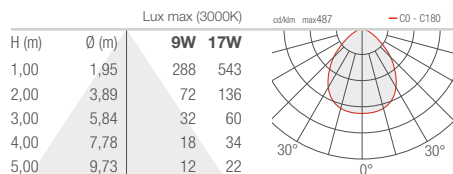
TEKO 5.1

D - Diffuse



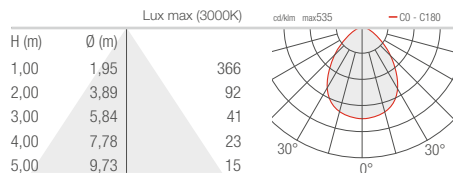
TEKO 7.0

D - Diffuse



TEKO 7.1

D - Diffuse

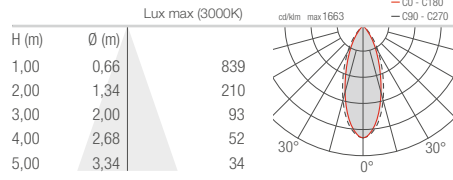


TREVI

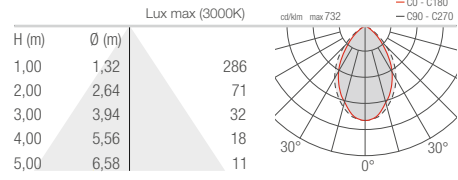
OUTDOOR AND UNDERWATER LINEAR PROFILES

TREVI 1.0

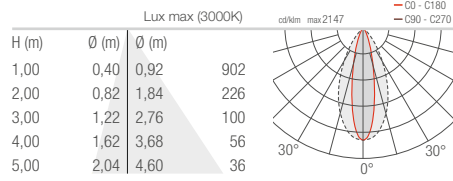
M - 40°



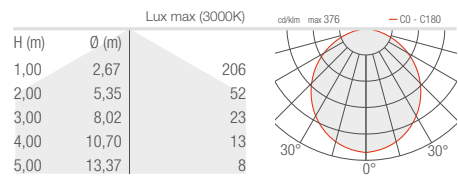
L - 65°



W - 20°x50°



D - Diffuse



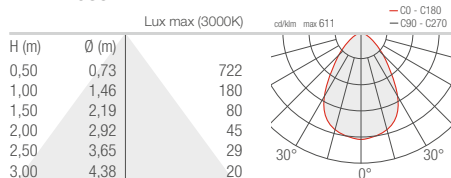


TURIS

INDOOR RECESSED

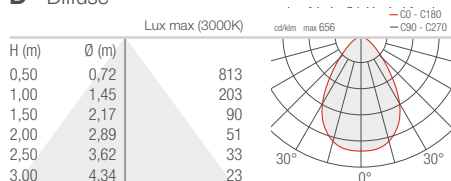
TURIS MINI 1.0

D - Diffuse



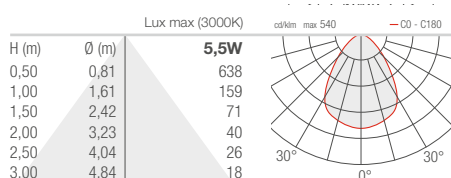
TURIS MINI 1.1

D - Diffuse

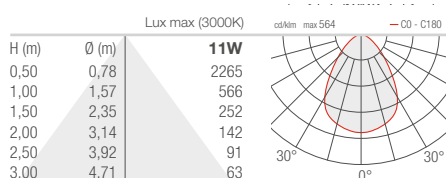


TURIS 1.0 2.0

D - Diffuse

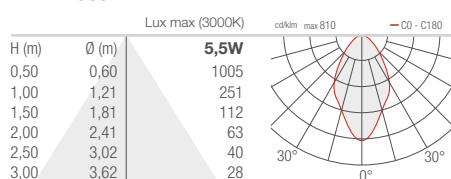


D - Diffuse

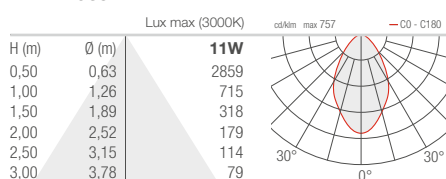


TURIS 1.1

D - Diffuse

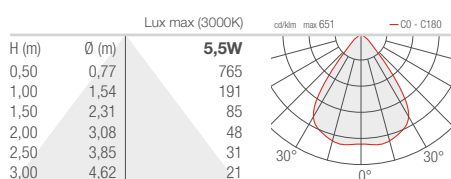


D - Diffuse

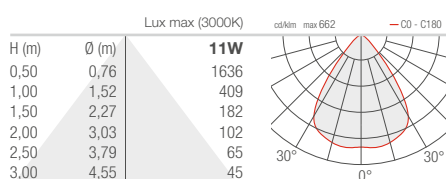


TURIS 1.2

D - Diffuse

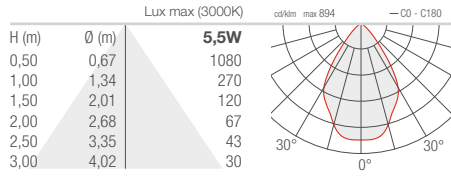


D - Diffuse

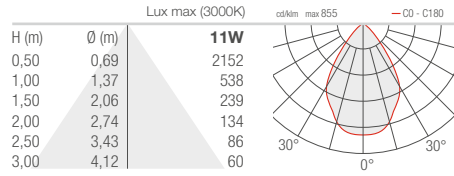


TURIS 1.3

D - Diffuse

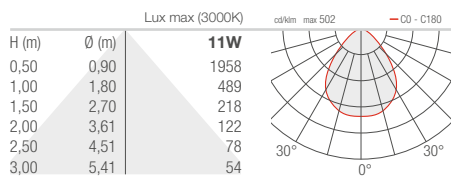


D - Diffuse

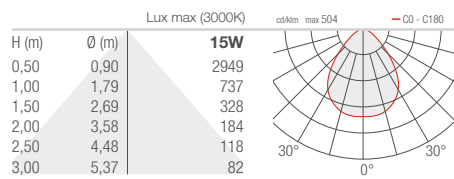


TURIS 3.0 4.0

D - Diffuse

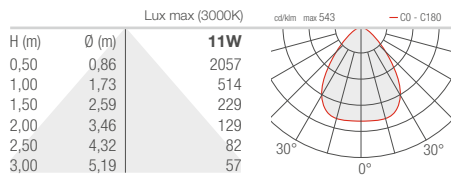


D - Diffuse

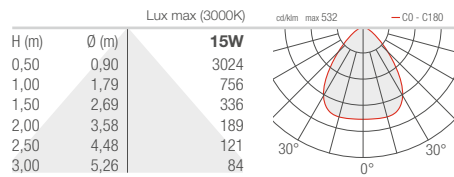


TURIS 3.1

D - Diffuse

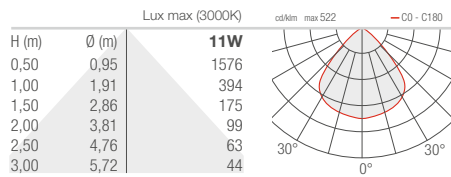


D - Diffuse

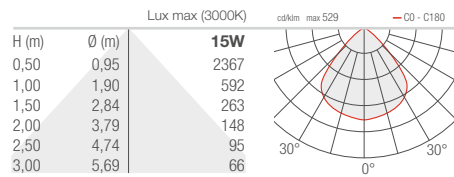


TURIS 3.2

D - Diffuse

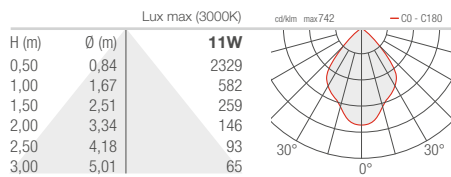


D - Diffuse

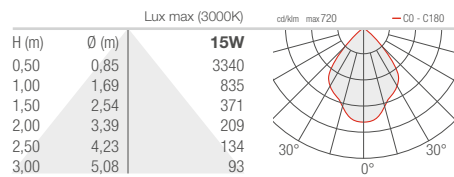


TURIS 3.3

D - Diffuse



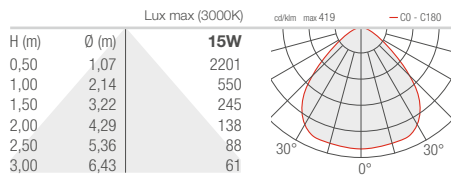
D - Diffuse



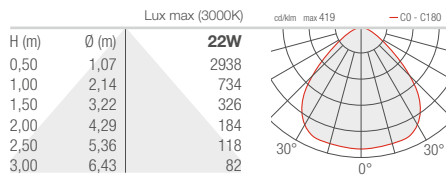


TURIS 5.0
5.1
6.0

D - Diffuse

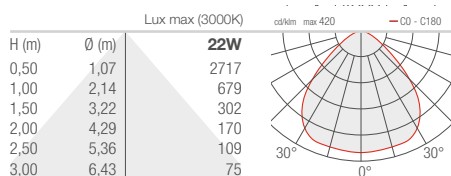


D - Diffuse

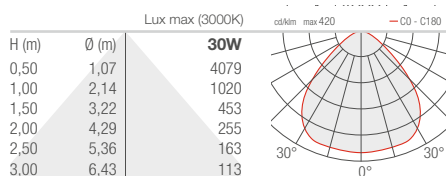


TURIS 7.0
7.1
8.0

D - Diffuse



D - Diffuse

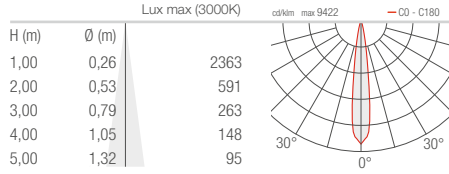


UPDOWN

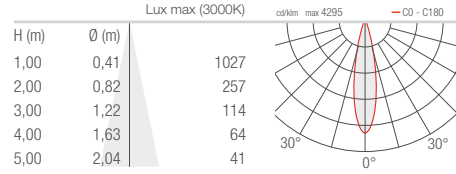
OUTDOOR WALL MOUNTED

UPDOWN 3.0 3.6

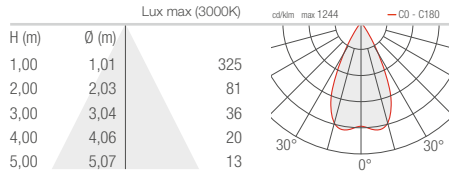
S - 15°



M - 22°

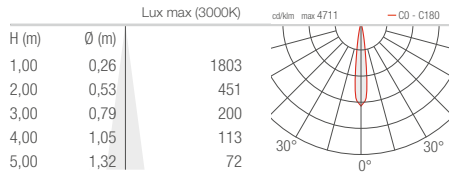


L - 54°

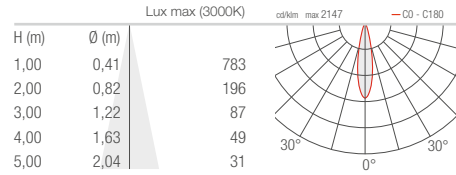


UPDOWN 4.0 4.6

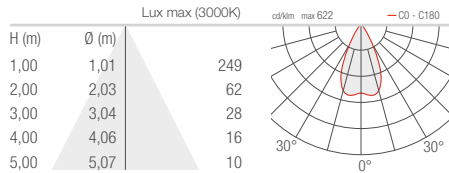
S - 15°



M - 22°

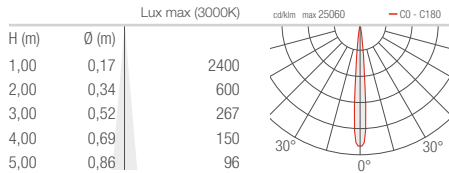


L - 54°

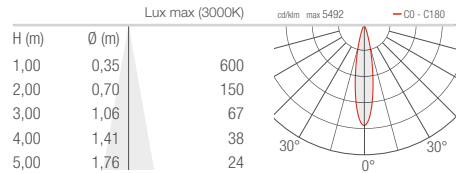


UPDOWN 6.0 7.0

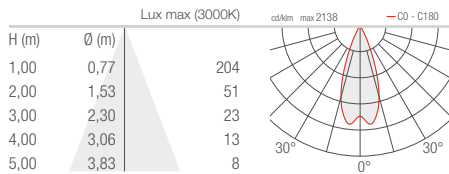
S - 10°



M - 20°



L - 40°



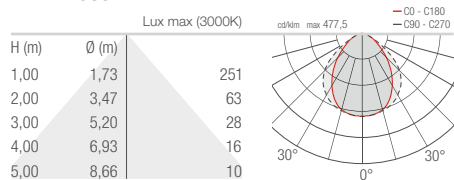


VERSA

INDOOR WALL MOUNTED

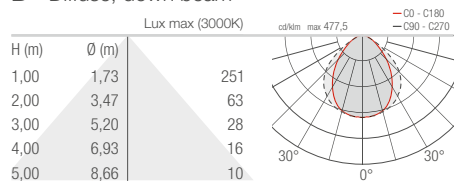
VERSA 1.0

D - Diffuse

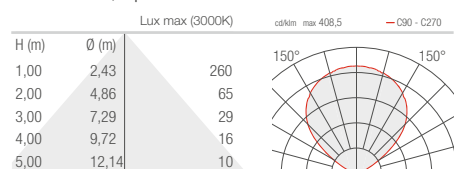


VERSA 2.0

D - Diffuse, down beam



D - Diffuse, up beam

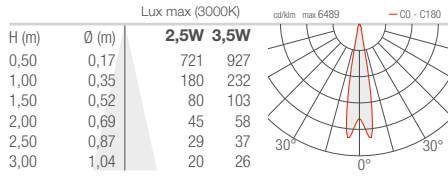


WALL

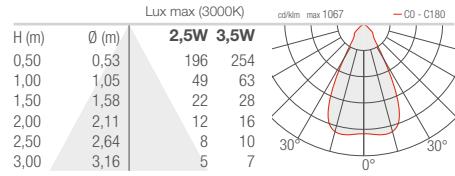
READING LAMPS

WALL 1 3

20° (20°-55°)

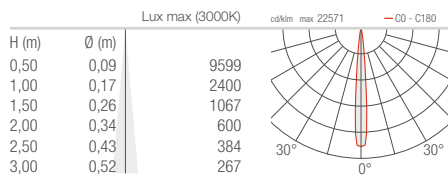


55° (20°-55°)

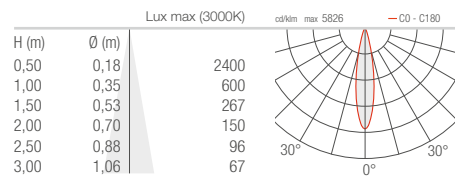


WALL 8.0

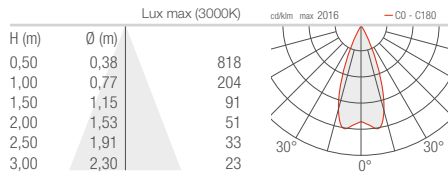
S - 10°



M - 25°

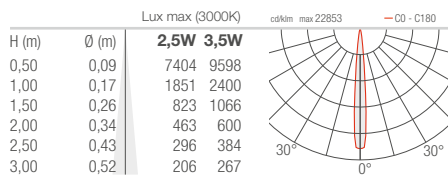


L - 40°

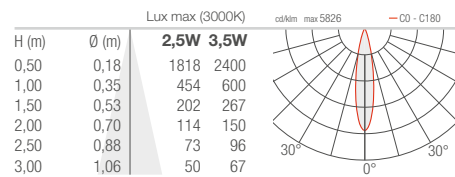


WALL 8.1 8.2

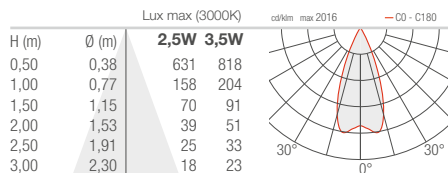
S - 10°



M - 25°



L - 40°



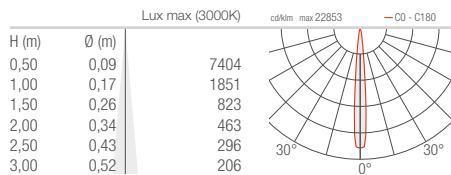


WALL

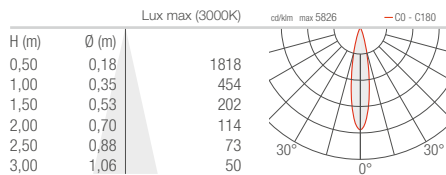
INDOOR PROJECTORS

WALL 7.0 7.1

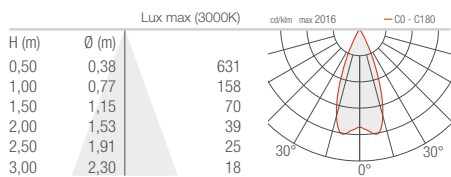
S - 10°



M - 25°



L - 40°

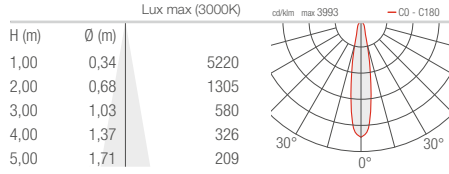


ZAB TRACK

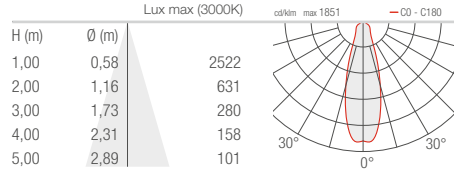
INDOOR PROJECTORS

ZAB TRACK 1.0

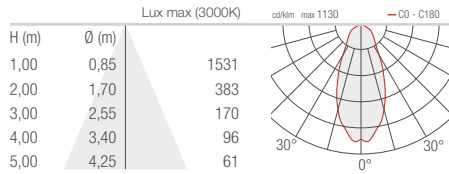
S - 20°



M - 32°

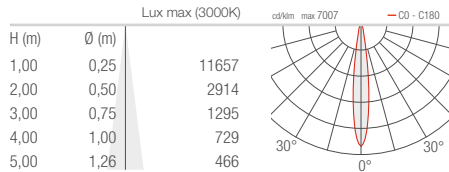


L - 46°

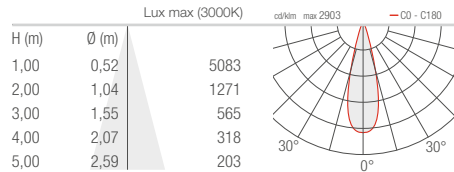


ZAB TRACK 1.1

S - 14°

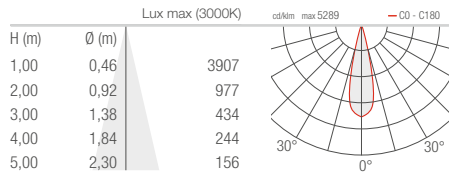


M - 29°

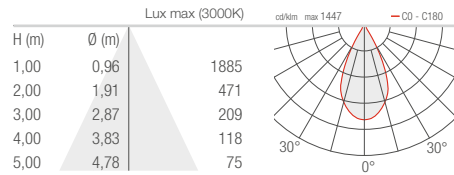


ZAB TRACK 2.0

R1 - 26° (26°–51°)

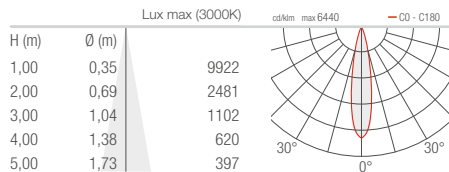


R1 - 51° (26°–51°)

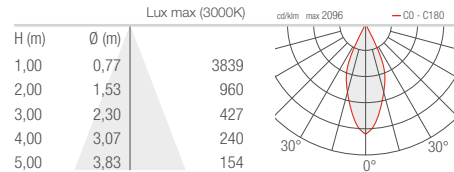


ZAB TRACK 2.1

R1 - 20° (20°–42°)



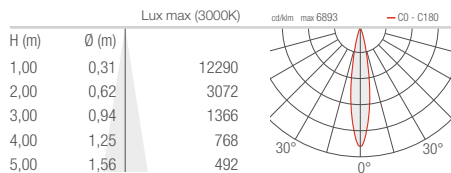
R1 - 42° (20°–42°)



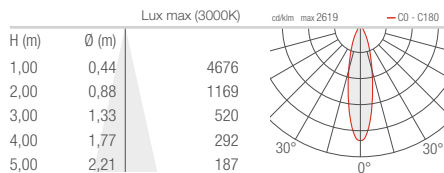


ZAB TRACK 3.0

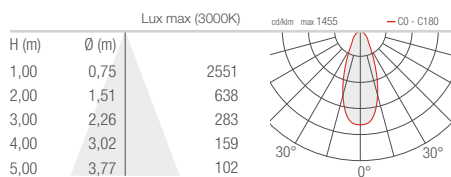
S - 18°



M - 25°

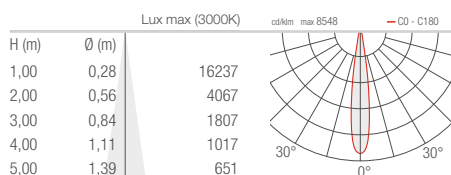


L - 42°

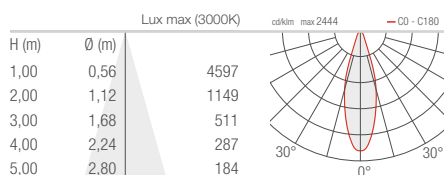


ZAB TRACK 3.1

S - 16°

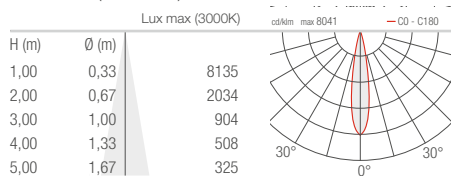


M - 32°

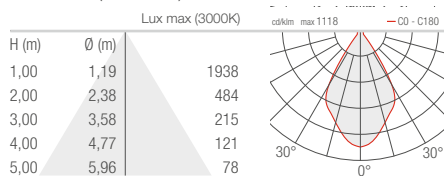


ZAB TRACK 4.0

R1 - 19° (19°–62°)

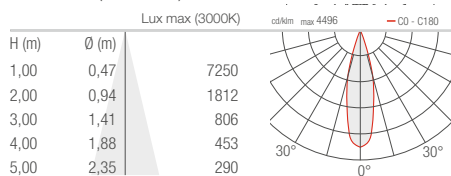


R1 - 62° (19°–62°)

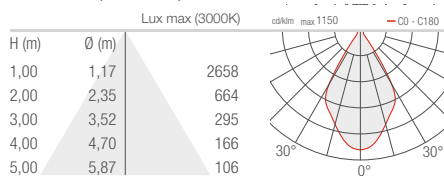


ZAB TRACK 4.1

R1 - 26° (26°–61°)



R1 - 61° (26°–61°)



POWER SUPPLY UNITS AND CONTROL GEAR



POWER SUPPLY UNITS AND CONTROL GEAR

HOW TO SELECT A POWER SUPPLY UNIT

To understand which type of power supply unit to use, you need to check the electrical specifications of the lighting fixture.

Constant current (possible values: 220mA, 350mA, 500mA, 700mA, 1050mA)

The lighting fixtures are connected in series: choose an LED power supply unit with output to the secondary at constant current (see page 844)

Example: Brom 1.0

POWER / POWER SUPPLY CODE	max 2W max 500mA BR10012 ■ ■ ■ I
----------------------------------	--

LED power supply unit with output to the secondary at constant current 350mA or 500mA

Constant voltage (possible values: 12Vdc, 24Vdc, 48Vdc)

The lighting fixtures are connected in parallel: choose a power supply unit for LED switching with output to the secondary circuit at constant voltage (see page 846)

Example: Neva 1.0

POWER / POWER SUPPLY CODE	18W 24Vdc 616 mm pitch 60 NV1000 ■ ■ A - ■
	25W 24Vdc 616 mm pitch 60 NV1001 ■ ■ A - ■

Power supply unit for LED switching with output to the secondary circuit at constant voltage 24Vdc

Mains voltage (possible values: 110-230Vac, 230Vac)

The lighting fixture is connected directly to the 230Vac mains power.

Example: Bitta 1.0

POWER / POWER SUPPLY CODE	10W 230Vac BT1010 ■ A E White BT1010 ■ A F Grey BT1010 ■ A H Anthracite BT1010 ■ A T Cor-ten
----------------------------------	--

ON/OFF CONSTANT-CURRENT PSU

CONNECTING IN SERIES

Should you need to use a constant-current power supply unit (series connection), you should consider:

- the number of power LEDs present in the lighting fixture requiring power;
- the maximum current that can be used to power them (350mA, 500mA, 700mA or 1050mA).

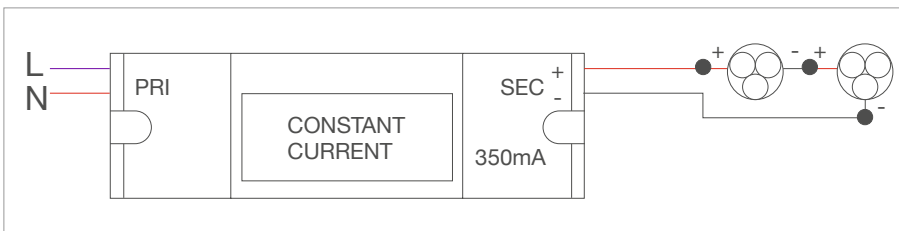
Check the maximum operating current admissible, then count the total number of power LEDs in each fixture and add them together (example: 2 fixtures with 3 LEDs each, total 6 LEDs). Based on this information, and taking into consideration any special operating needs (dimming), you will now be able to select a suitable power supply unit from the ones given in the tables of 350/500/700/1050mA power supply units for LEDs, being careful to check that the maximum number of LEDs it can manage matches your requirements.

Be sure to always check that the power supply unit's electrical output specifications correspond to the fixture's minimum requirements, to ensure a correct operation.

WARNING:

Do not connect switches to the secondary circuit.

The system must be powered only after all the lighting fixtures have been connected.




Wiring diagram of a series connection


UNIVERSAL POWER SUPPLY UNITS THAT CAN BE SET FOR LEDs

The electronic multi-current/multi-voltage power supply unit has DIP switches, a component inside the power supply that is used to set the output voltage/current. This type of power supply unit is recommended for installations where you need to be able to adjust the system's lighting level, so that it can be adapted to the different light conditions.


It is very versatile and can also be utilised as a generic PSU: this makes it ideal for different applications.

CODE	LEDs	INput	OUTput	Dimensions		IP
A19220TC	1-11	90-264Vac 50-60Hz	60-360mA	19x34x115 mm 65 g	Ø40 mm	IP20
ACUNI032T1	1-12	198-264Vac 50-60Hz	350-700mA 12-24-48Vdc	34x46x166 mm 185 g	Ø56 mm	IP20
ACUNI020T1	1-15 350mA 1-10 500mA 1-7 700mA	220-240Vac 50-60Hz	350mA 500mA 700mA	110x52x22 mm 185 g	Ø55 mm	IP20
ACUNIC30T1		220-240Vac 50-60Hz	350mA 500mA 700mA	180x30x21 mm 110 g	Ø38 mm	IP20
ACUNI039T1		220-240Vac 50-60Hz	350mA 500mA 750mA 1050mA 42Vdc max	90x67x21 mm	Ø72 mm	IP20
ACUNI042T1	1-12	220-240Vac 50-60Hz	300-1050mA	30x43x147 mm 122g	Ø54 mm	IP20


POWER SUPPLY FOR 350mA LEDS - ON/OFF

CODE	LEDs	INput	OUTput	Dimensions		IP
ACUNI020T1	1-15	220-240Vac 50-60Hz	350mA 57Vdc max	110x52x22 mm 185 g	Ø55 mm	IP20
A13350VL12/24	1-3	9-24Vdc 9-18Vac 50-60Hz	350mA 12Vdc max	40x42x21 mm	Ø58 mm	IP20
A13350VL	1-3	115-230Vac 50-60Hz	350mA 12Vdc max	21x35x60 mm	Ø41 mm	IP20
A19350QL	3-9	115-230Vac 50-60Hz	350mA 36Vdc max	116x33x19 mm	Ø39 mm	IP20
A312350QL	5-12	115-230Vac 50-60Hz	350mA 48Vdc max	111x38x28 mm	Ø48 mm	IP20
ACUNIC30T1		220-240Vac 50-60Hz	350mA	180x30x21 mm 110 g	Ø38 mm	IP20
ACUNI039T1	1-10	220-240Vac 50-60Hz	350mA 42Vdc max	90x67x21 mm	Ø72 mm	IP20
A16350IP67	2-6	115-230Vac 50-60Hz	350mA 24Vdc max	Ø40x118 mm	Ø46 mm	IP67
A312350IP67	5-12	115-230Vac 50-60Hz	350mA 48Vdc max	Ø45x118 mm	Ø46 mm	IP67

POWER SUPPLY FOR 500mA LEDS - ON/OFF

CODE	LEDs	INput	OUTput	Dimensions		IP
ACUNI020T1	1-10	220-240Vac 50-60Hz	500mA 40Vdc max	110x52x22 mm 185 g	Ø55 mm	IP20
A13500TC	1-3	115-230Vac 50-60Hz	500mA 12Vdc max	68x35x21 mm	Ø41 mm	IP20
A15500QL	2-5	100-240Vac 50-60Hz	500mA 24Vdc max	115x34x19 mm	Ø39 mm	IP20
A310500QL	5-10	115-230Vac 50-60Hz	500mA 45Vdc max	111x38x28 mm	Ø48 mm	IP20
ACUNIC30T1		220-240Vac 50-60Hz	490mA	180x30x21 mm 110 g	Ø38 mm	IP20
ACUNI039T1	1-10	220-240Vac 50-60Hz	500mA 42Vdc max	90x67x21 mm	Ø72 mm	IP20
A14500IP67	1-4	100-240Vac 50-60Hz	500mA 24Vdc max	Ø40x95 mm	Ø45 mm	IP67
A310500IP67	5-10	115-230Vac 50-60Hz	500mA 45Vdc max	Ø45x118 mm	Ø46 mm	IP67

POWER SUPPLY FOR 700mA LEDS - ON/OFF

CODE	LEDs	INput	OUTput	Dimensions		IP
ACUNI020T1	1-7	220-240Vac 50-60Hz	700mA 28Vdc max	110x52x22 mm 185 g	Ø55 mm	IP20
A13700QL	1-3	115-230Vac 50-60Hz	700mA 18Vdc max	115x34x19 mm	Ø39 mm	IP20
ACUNIC30T1		220-240Vac 50-60Hz	700mA	180x30x21 mm 110 g	Ø38 mm	IP20
ACUNI039T1	1-10	220-240Vac 50-60Hz	700mA 42Vdc max	90x67x21 mm	Ø72 mm	IP20
A13700IP67	1-3	115-230Vac 50-60Hz	700mA 18Vdc max	Ø40x118 mm	Ø41 mm	IP67
A39700IP67	3-9	115-230Vac 50-60Hz	700mA 45Vdc max	Ø45x120 mm	Ø46 mm	IP67

POWER SUPPLY FOR 1050mA LEDS - ON/OFF

CODE	LEDs	INput	OUTput	Dimensions		IP
ACUNI039T1		220-240Vac 50-60Hz	1050mA 42Vdc max	90x67x21 mm	Ø72 mm	IP20

ON/OFF CONSTANT-VOLTAGE PSU

CONNECTING IN PARALLEL

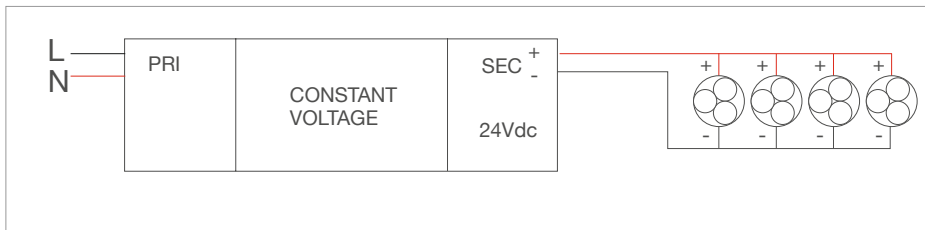
Should you need to use a constant-voltage power supply unit (parallel connection), you should proceed as follows:

- check the voltage at which the fixture needs to be powered (12Vdc, 24Vdc, 48Vdc);
- consider the maximum power absorbed by each individual fixture (example: 10W);
- count the total number of devices and multiply by the maximum power (for example, if you have 5 fixtures at 10W each, you will need $5 \times 10W = 50W$);
- add a further 20% to the power needed to supply the LED lighting system (for example, if there are 5x10W fixtures, you will need $50W + 20\% = 60W$).

Using this information, you will be able to select the power supply unit that best fits your needs from the ones given in the tables of AC/DC switched-mode power supply units.

WARNING:


The system must be powered only after all the lighting fixtures have been connected.



Wiring diagram of a parallel connection




12Vdc

CODE	INput	Power	Dimensions		IP
AV12020IP20	100–120V 50–60Hz 220–240V 50–60Hz 176–264Vdc	20W	146x55x19 mm	Ø60 mm	IP20
AV12040IP67	90–305V 47–63Hz 127–431Vdc	40W	163x43x32 mm	Ø55 mm	IP67
AV12060IP67	90–305V 50–60Hz 127–431Vdc	60W	163x43x32 mm	Ø55 mm	IP67
AV12150IP67	90–295V 47–63Hz 127–417Vdc	132W	222x68x39 mm	Ø79 mm	IP67
AV12192IP67	90–264V 50–60Hz 127–431Vdc	192W	244x68x39 mm	Ø79 mm	IP67

24Vdc

CODE	INput	Power	Dimensions		IP
AV24010IP20	100–240V 50–60Hz 90–264Vdc	10W	117x32x22 mm	Ø40 mm	IP20
AV24060IP20	220–240V 50–60Hz 176–276Vdc	60W	125x82x29 mm	Ø87 mm	IP20
AV24100IP20	220–240V 50–60Hz 176–276Vdc	100W	106x90x58 mm	DIN GUIDE	IP20
AV24150IP20	220–240V 50–60Hz 176–276Vdc	150W	280x40x29 mm	Ø49 mm	IP20
AV24008IP54	100–240V 50–60Hz 176–264Vdc	8W	46x44x27 mm	Ø52 mm	IP54
AV24020IP67	90–264V 47–63Hz 127–370Vdc	20W	118x35x26 mm	Ø45 mm	IP67
AV24040IP67	90–305V 47–63Hz 127–431Vdc	40W	163x43x32 mm	Ø55 mm	IP67
AV24060IP67	90–305V 47–63Hz 127–431Vdc	60W	163x43x32 mm	Ø55 mm	IP67
AV24150IP67	90–295V 47–63Hz 127–417Vdc	150W	222x68x39 mm	Ø79 mm	IP67
AV24240IP67	90–305V 47–63Hz 127–431Vdc	240W	245x68x39 mm	Ø79 mm	IP67
AV24320IP67	90–305V 47–63Hz 127–431Vdc	320W	252x90x44 mm	Ø101 mm	IP67

36Vdc

CODE	INput	Power	Dimensions		IP
AV36060IP67	90–305V 50–60Hz	60W	150x53x35 mm	Ø65 mm	IP67

48Vdc

CODE	INput	Power	Dimensions		IP
AV48150IP20	220–240V 50–60Hz	150W	240x60x49 mm	Ø70 mm	IP20
AV48060IP67	90–305V 47–63Hz 127–431Vdc	60W	163x43x32 mm	Ø55 mm	IP67
AV48150IP67	90–295V 47–63Hz 127–417Vdc	150W	222x68x39 mm	Ø79 mm	IP67
AV48240IP67	90–305V 47–63Hz 127–431Vdc	240W	245x68x39 mm	Ø79 mm	IP67

DIMMABLE POWER SUPPLY UNITS

DIMMING WITH NO BUTTON (PUSH)

Dimmable multi-voltage/multi-current power supply units have dip switches to select the output voltage/current. These power supply units allow you to dim the light intensity from 0 to 100% using a PUSH button (a short press turns the system on or off; a long press increases or decreases the light intensity), 1—10V interface, 100Kohm potentiometer, DALI or mains dimming (IGBT-TRIAC).

Using the PUSH command, you can synchronize up to a maximum of 10 power supply units with a sync cable (1 master + 9 slaves). The maximum distance between button/buttons and master power supply unit is 15 m.

Lighting groups or scenarios can be stored on a DALI network.

WARNING:

Only use Normally Open (NO) buttons without built-in indicator light.

ADUNITC

Dimming via PUSH button or 1—10V interface.

AD050PUSHT1

Dimming via PUSH button or 1—10V interface.

AD050DALIT1

Dimming via PUSH button, 1—10V interface, 100Kohm potentiometer or DALI.

AD032TLT1

Dimming via PUSH button or mains dimming (IGBT-TRIAC).

AD030DALIT1

Dimming with PUSH button or DALI interface.

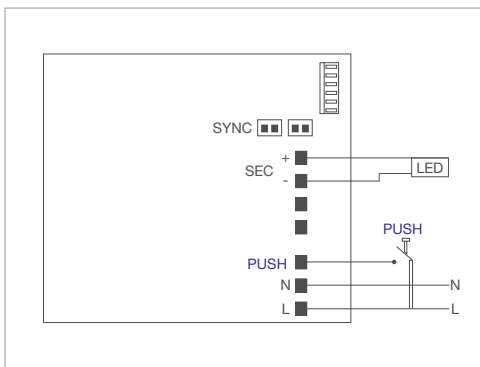
AD030DALIT1AM

Dimming with PUSH button or DALI interface.

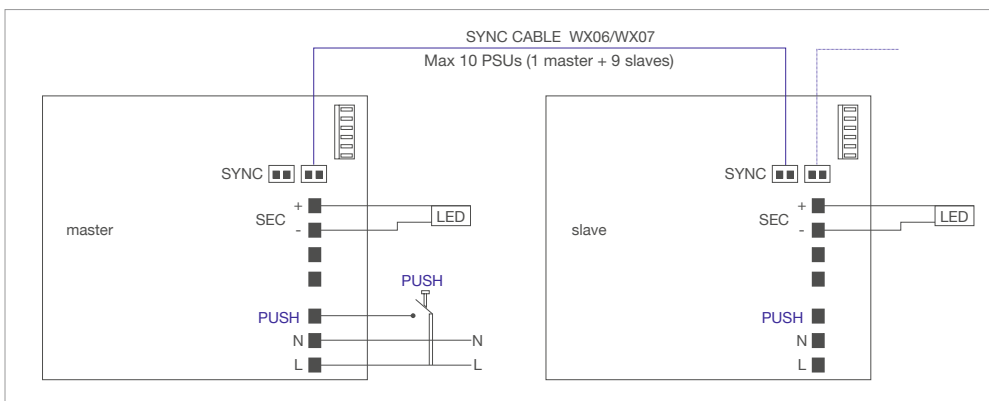


CODE	LEDs	INput	OUTput	Dimensions		IP	Sync
ADUNITC	1-12 LED 1-12 LED 1-9 LED 10W 20W	99-264Vac 50-60Hz [PUSH-1-10V]	350mA 500mA 700mA 12Vdc 24Vdc	21x67x103 mm 120 g	Ø72 mm	IP20	Yes with cable (max 9 slaves)
AD030DALIT1	1-15 LED (350mA) 1-15 LED (500mA) 1-12 LED (700mA)	220-240Vac 50-60Hz [PUSH-DALI]	250mA-700mA	217x30x21 mm 120 g	Ø37 mm	IP20	Yes
AD030DALIT1AM		220-240Vac 50-60Hz [PUSH-DALI]	250mA-700mA	220x30x21 mm 120 g	Ø38 mm	IP20	Yes
AD032TLT1	1-12 LED 1-12 LED 1-12 LED 10W 20W	220-240Vac 50-60Hz [PUSH-Mains dimming]	350mA 500mA 700mA 12Vdc 24Vdc	34x46x166 mm 185 g	Ø56 mm	IP20	Yes with cable (max 9 slaves)
AD050PUSHT1	1-20 LED 1-20 LED 1-18 LED	99-264Vac 50-60Hz [PUSH-1-10V]	350mA 500mA 700mA	22x79x124 mm 150 g	Ø84 mm	IP20	Yes with cable (max 9 slaves)
AD050DALIT1	1-20 LED 1-20 LED 1-18 LED	99-264Vac 50-60Hz [PUSH-1-10V Potentiometer 10kΩ-DALI]	350mA 500mA 700mA	22x79x124 mm 150 g	Ø84 mm	IP20	Yes with cable (max 9 slaves)
WX05	1-10V potentiometer						
WX06	Synchronization cable, L=1.5 m						
WX07	Synchronization cable, L=4 m						

WIRING DIAGRAMS FOR DIMMING WITH NO BUTTON (PUSH)



PUSH control with ADUNITC



PUSH control with synchronization with ADUNITC

DIMMABLE POWER SUPPLY UNITS

DIMMING WITH 1—10V SIGNAL

Dimmable multi-voltage/multi-current power supply units have dip switches to select the output voltage/current. These power supply units allow you to dim the light intensity from 0 to 100% using a PUSH button (a short press turns the system on or off; a long press increases or decreases the light intensity), 1—10V interface, 100Kohm potentiometer, DALI or mains dimming (IGBT-TRIAC).

Using the PUSH command, you can synchronize up to a maximum of 10 power supply units with a sync cable (1 master + 9 slaves). The maximum distance between button/buttons and master power supply unit is 15 m.

Lighting groups or scenarios can be stored on a DALI network.

WARNING:

Only use Normally Open (NO) buttons without built-in indicator light.

ADUNITC


Dimming via PUSH button or 1—10V interface.

AD050PUSHT1

Dimming via PUSH button or 1—10V interface.

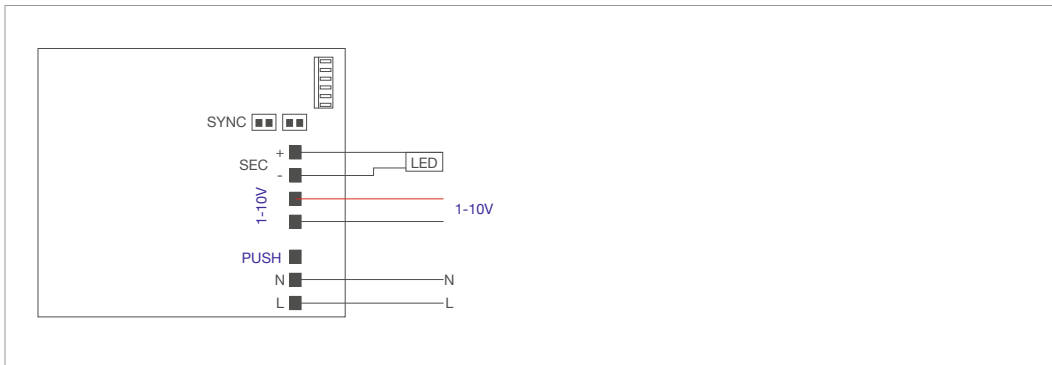
AD050DALIT1

Dimming via PUSH button, 1—10V interface, 100Kohm potentiometer or DALI.

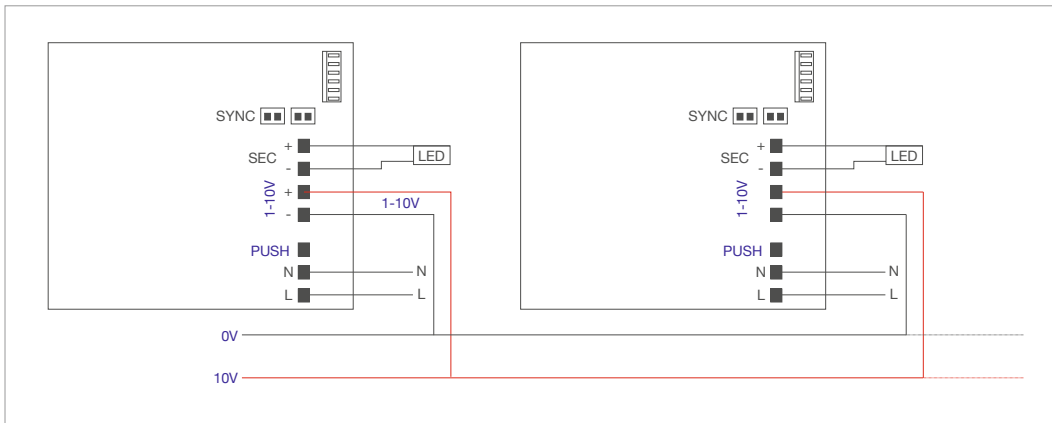
CODE	LEDs	INput	OUTput	Dimensions		IP	Sync
ADUNITC	1-12 LED 1-12 LED 1-9 LED 10W 20W	99-264Vac 50-60Hz [PUSH-1-10V]	350mA 500mA 700mA 12Vdc 24Vdc	21x67x103 mm 120 g	Ø72 mm	IP20	Yes
AD050PUSHT1	1-20 LED 1-20 LED 1-18 LED	99-264Vac 50-60Hz [PUSH-1-10V]	350mA 500mA 700mA 750mA 850mA 900mA 1050mA	22x79x124 mm 150 g	Ø84 mm	IP20	Yes
AD050DALIT1	1-20 LED 1-20 LED 1-18 LED	99-264Vac 50-60Hz [PUSH-1-10V Potentiometer 10kΩ-DALI]	350mA 500mA 700mA 750mA 850mA 900mA 1050mA	22x79x124 mm 150 g	Ø84 mm	IP20	Yes
WX05	1-10V potentiometer						
WX06	Synchronization cable, L=1.5 m						
WX07	Synchronization cable, L=4 m						



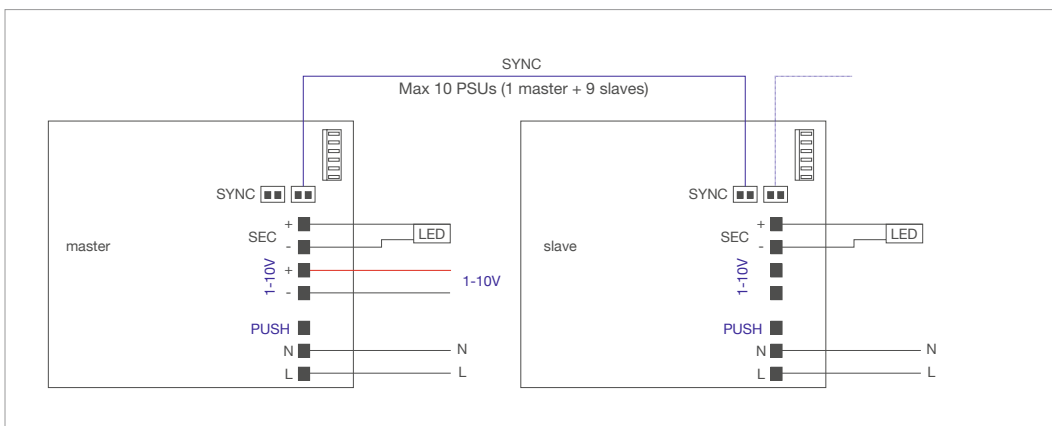
WIRING DIAGRAMS FOR DIMMING WITH 0/1—10V SIGNAL



0/1—10V control



0/1—10V control with ADUNITC



0/1—10V control with synchronization with ADUNITC

DIMMABLE POWER SUPPLY UNITS

DIMMING WITH DALI BUS

Dimmable multi-voltage/multi-current power supply units have dip switches to select the output voltage/current. These power supply units allow you to dim the light intensity from 0 to 100% using a PUSH button (a short press turns the system on or off; a long press increases or decreases the light intensity), 1—10V interface, 100Kohm potentiometer or DALI.

Using the PUSH command, you can synchronize up to a maximum of 10 power supply units with a sync cable (1 master + 9 slaves). The maximum distance between button/buttons and master power supply unit is 15 m.

Lighting groups or scenarios can be stored on a DALI network.

WARNING:

Only use Normally Open (NO) buttons without built-in indicator light.

AD020DALIT1

Dimming with DALI interface.

AD030DALIT1


Dimming with PUSH button or DALI interface.

AD050DALIT1

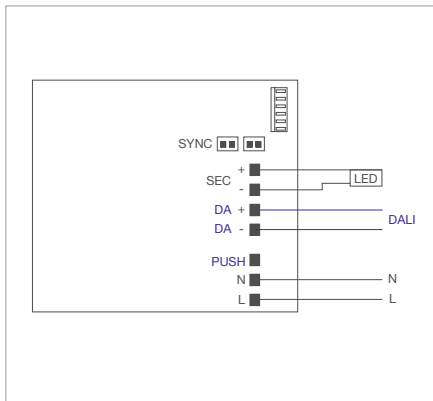
Dimming via PUSH button, 1—10V interface, 100Kohm potentiometer or DALI.

AD030DALIT1AM

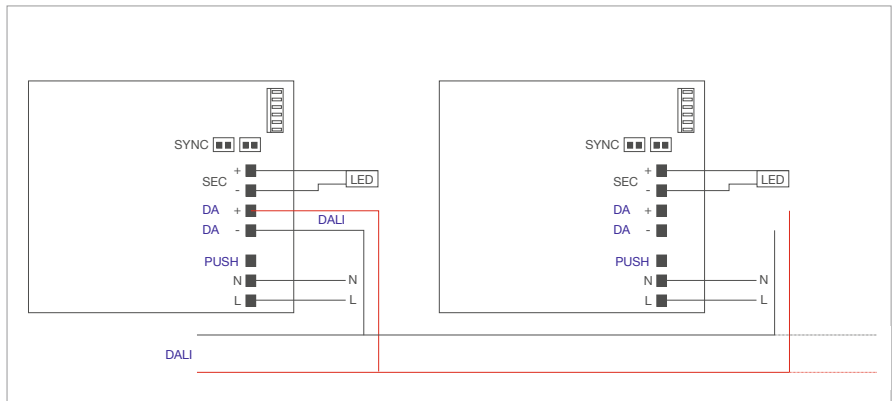
Dimming with PUSH button or DALI interface.

CODE	LEDs	INput	OUTput	Dimensions		IP	Sync
AD020DALIT1	1-12 LED 1-9 LED 1-6 LED 16W	99-264Vac 50-60Hz [DALI]	350mA 500mA 700mA 24Vdc	22x52x111 mm 108 g	Ø55 mm	IP20	No
AD050DALIT1	1-20 LED 1-20 LED 1-18 LED	99-264Vac 50-60Hz [PUSH-1-10V Potentiometer 10kΩ-DALI]	350mA 500mA 700mA 750mA 850mA 900mA 1050mA	22x79x124 mm 150 g	Ø84 mm	IP20	Yes
AD030DALIT1	1-15 LED (350mA) 1-15 LED (500mA) 1-12 LED (700mA)	220-240Vac 50-60Hz [PUSH-DALI]	250mA-700mA	217x30x21 mm 120 g	Ø37 mm	IP20	Yes
AD030DALIT1AM		220-240Vac 50-60Hz [PUSH-DALI]	250mA-700mA	220x30x21 mm 120 g	Ø38 mm	IP20	Yes

WIRING DIAGRAMS FOR DIMMING WITH DALI BUS



DALI control with AD050DALIT1



DALI control / Max 64 DALI devices with AD050DALIT1



DIMMING WITH MAINS DIMMING (IGBT-TRIAC)

Dimmable multi-voltage/multi-current power supply units have dip switches to select the output voltage/current. These power supply units allow you to dim the light intensity from 0 to 100% using a PUSH button (a short press turns the system on or off; a long press increases or decreases the light intensity), or mains dimming (IGBT-TRIAC).

Using the PUSH command, you can synchronize up to a maximum of 10 power supply units with a sync cable (1 master + 9 slaves). The maximum distance between button/buttons and master power supply unit is 15 m.

WARNING:
Only use Normally Open (NO) buttons without built-in indicator light.

AD032TLT1


Dimming via PUSH button or mains dimming (IGBT-TRIAC).

AD018350TLT1

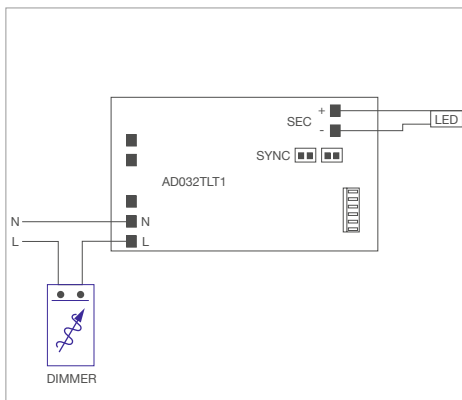
Dimming via mains dimming (IGBT-TRIAC).

AD020500TLT1

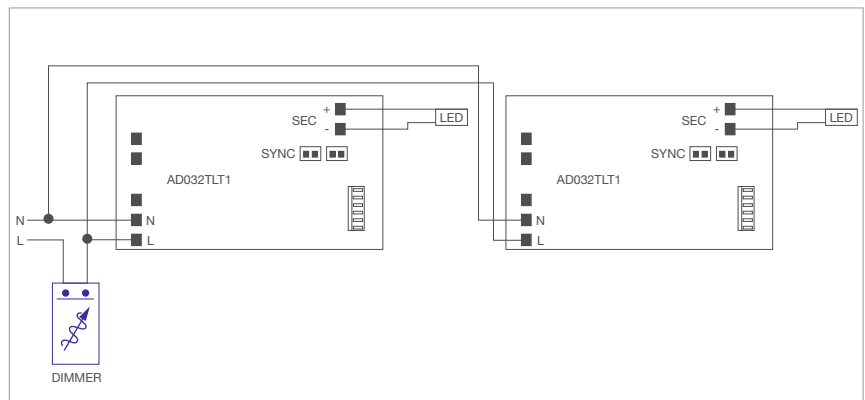
Dimming via mains dimming (IGBT-TRIAC).

CODE	LEDs	INput	OUTput	Dimensions		IP	Sync
AD018350TLT1	9-16 LED	220-240Vac 50-60Hz [Mains dimming]	350mA	22x52x111 mm 108 g	Ø56 mm	IP20	Yes
AD020500TLT1	6-12 LED	220-240Vac 50-60Hz [Mains dimming]	500mA	22x52x111 mm 108 g	Ø56 mm	IP20	Yes
AD032TLT1	1-12 LED 1-12 LED 1-12 LED 10W 20W	220-240Vac 50-60Hz [PUSH-Mains dimming]	350mA 500mA 700mA 12Vdc 24Vdc	34x46x166 mm 185 g	Ø56 mm	IP20	Yes
WX06	Synchronization cable, L=1.5 m						
WX07	Synchronization cable, L=4 m						

WIRING DIAGRAMS FOR DIMMING WITH MAINS DIMMING (IGBT-TRIAC)



Control (IGBT-TRIAC)




Control (IGBT-TRIAC)

CONTROL SYSTEMS

LOW-VOLTAGE DIMMERS

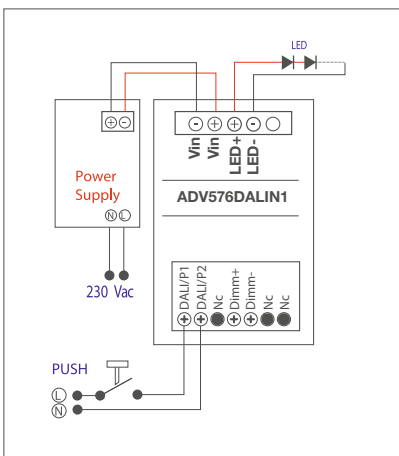
Low voltage dimmers are a solution for controlling constant-voltage LEDs using a Normally Open (NO) button, with a 1—10V signal, a 0—10V analogue signal, or a DALI signal.

The power supply voltage varies from 12 to 24Vdc, while the output voltage is equal to the input voltage and allows you to control a load up to a maximum current value of 12A. The intensity curve and the soft fade on and off have been designed to ensure maximum visual comfort by matching the behaviour of the human eye. The device can be synchronized with slaves (using DIP switch settings).

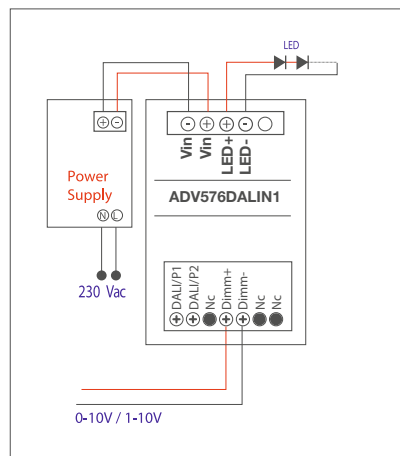
CODE	INput	OUTput	OUTput POWER min-max	Dimensions		IP
ADV576DALIN1	12Vdc 24Vdc 48Vdc	Vin=Vout (12A max)	0–144W (12Vdc) 0–288W (24Vdc) 0–576W (48Vdc)	100x40x25 mm 40 g	Ø48 mm	IP20

This system can be used with a remote control (see TLR07, TLC15, TLC16, TLC17 on page 858).

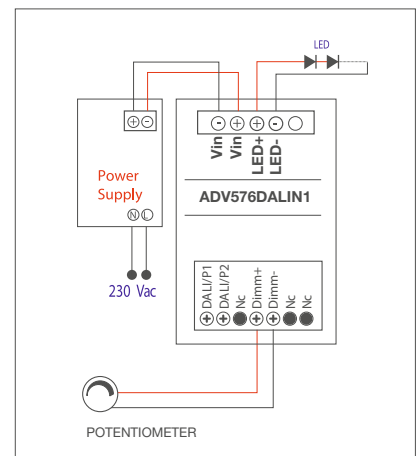
WIRING DIAGRAMS FOR LOW-VOLTAGE DIMMING



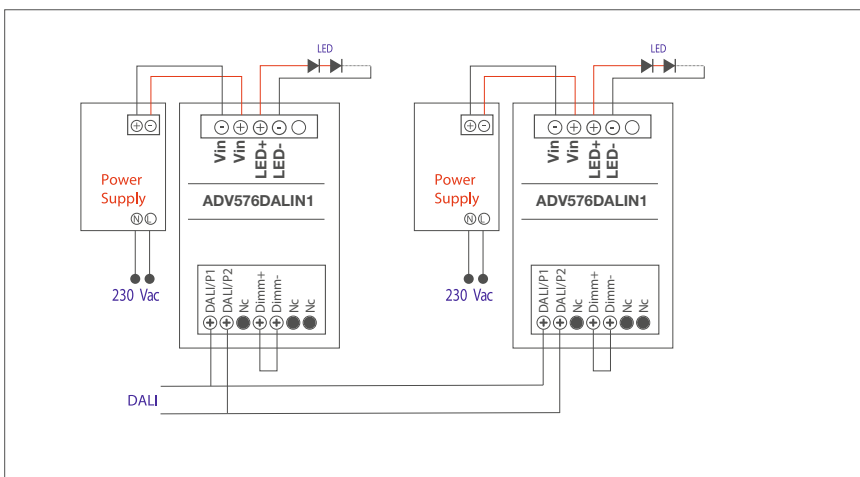
PUSH control



0—10V/1—10V control



Control with potentiometer



DALI control




EASY RGB

Easy RGB Push is an RGB (RED GREEN BLUE) sequencer with three output channels that enables you to control LED devices in current or voltage to dynamically change their colour. The device allows you to adjust the colour tone and rotation speed of the RGB cycle using a Normally Open (NO) button. The optimized adjustment curve produces a soft colour fade, ensuring maximum visual comfort.

The supply voltage is from 12Vdc to 48Vdc. The device is equipped with systems that protect it from:

- overtemperature;
- overpowering;
- underpowering;
- power supply polarity reversal;
- output short circuit.

It is also equipped with an output current limiter.

CODE	RGB groups min-max	INput	OUTput	Dimensions		IP
ARC336350D1	1- 3 RGB groups 1- 6 RGB groups 1-12 RGB groups	12Vdc 24Vdc 48Vdc	350mA/3ch	25x44x44 mm 20 g	Ø52 mm	IP20
ARC336500D1	1- 3 RGB groups 1- 6 RGB groups 1-12 RGB groups	12Vdc 24Vdc 48Vdc	500mA/3ch	25x44x44 mm 20 g	Ø52 mm	IP20
ARC336700D1	1- 3 RGB groups 1- 6 RGB groups 1-12 RGB groups	12Vdc 24Vdc 48Vdc	700mA/3ch	25x44x44 mm 20 g	Ø52 mm	IP20
ARV230PD1		12Vdc 24Vdc 48Vdc	0-90W 0-180W 0-360W	25x44x44 mm 20 g	Ø52 mm	IP20

1 RGB GROUP = 1 FULL-COLOUR LED = 1 RED LED + 1 GREEN LED + 1 BLUE LED

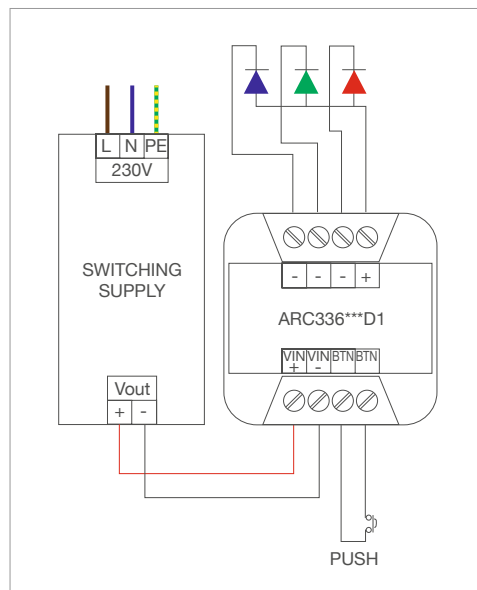
Button	Function
Click	On/Off
A long press (>1sec) when switched off	Change in rotation speed*
A long press (>1sec) when switched on	Start/Stop colour rotation

This system can be used with a remote control (see TLR07, TLC15, TLC16, TLC17 on page 858).

* The colour rotation speed can be adjusted to 4 levels.

The selected speed is displayed with a white flashing light:

- 10 flashes/sec for a 6-second rotation
- 5 flashes/sec for a 30-second rotation
- 2 flashes/sec for a 6-minute rotation
- 1 flash/sec for a 30-minute rotation



CONTROL SYSTEMS

HOME RGB

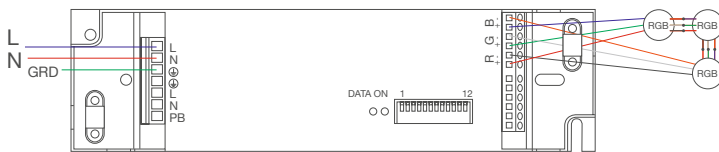
The Home RGB device is designed to power, steer and control LED lighting fixtures with RGB technology. The driver has outputs to drive current-controlled LED lighting fixtures at 350mA or 500mA.

To execute dynamic colour change sequences, the device has a “stand-alone” mode, which, with the “Easy-Run-Menu” function, allows you to choose one of the pre-set sequences stored in the device, and to reproduce it at a speed you select.

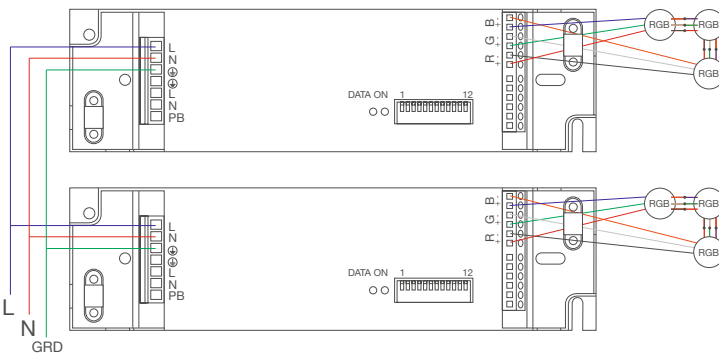
The device can be connected to a remote-control button to manually activate the selected sequence and synchronize it with other units without any control connection between the various devices.

Thanks to its DMX512-protocol-compatible interface, it is possible to control the device through an external DMX control unit or recorder.

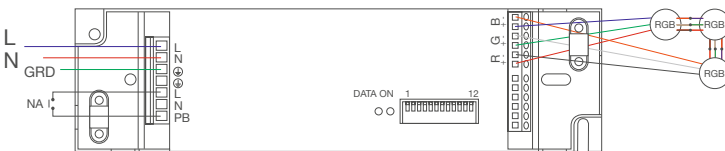
CODE	RGB groups min-max	INput	OUTput	Dimensions	Ø	IP
AR330350TC	1-10 RGB groups	230Vac 50-60Hz	350mA	36x60x225 mm 240 g	Ø72 mm	IP20
AR330500TC	1-6 RGB groups	230Vac 50-60Hz	500mA	36x60x225 mm 240 g	Ø72 mm	IP20



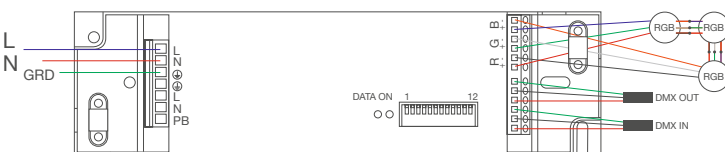
Stand-alone



Stand-alone with synchronization



With external button



With DMX512



UNIVERSAL SEQUENCER

The universal sequencer is a four-channel LED controller (RGBW) that works in both constant current and constant voltage.

This device is suitable for mounting in switchboards on DIN rails.

It operates in DMX (RDM), 0—10V, 1—9V, 10Kohm potentiometer, button and “stand-alone” modes with programmed shows.

The constant-current version allows you to select the LED current through two terminal blocks and can be used to power all LED types from 350mA up to 700mA.

The supply voltage of this module ranges from 24Vdc to 48Vdc, and allows you to connect 12 LEDs in series for each channel, up to a maximum of 48 LEDs.

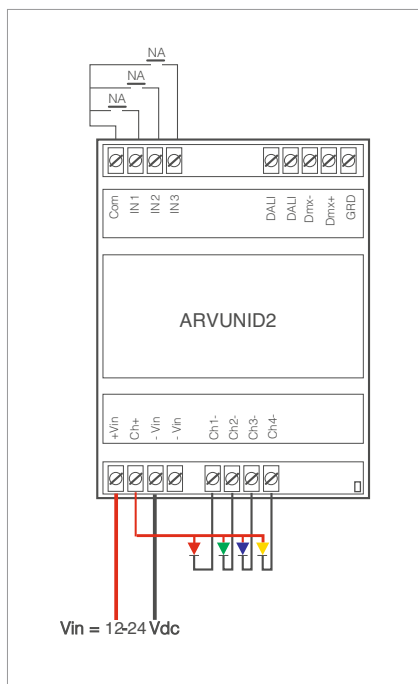
The constant-voltage version works at 12 or 24Vdc and can handle powered LED strips or LEDs up to a maximum of 576W (4 channels).

In both the current and the voltage version, the controller can be made to act as a:

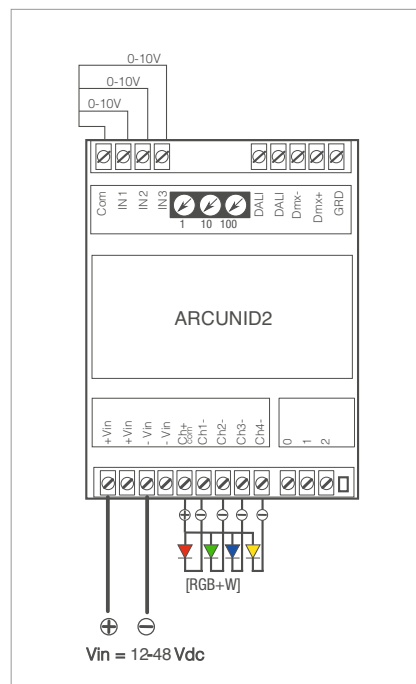
- single-channel or synchronized-channel dimmer;
- RGB/RGBW sequencer;
- dynamic white controller;
- stand-alone (multi-programming).

The device is protected from overload or fault with a non-resettable fuse.

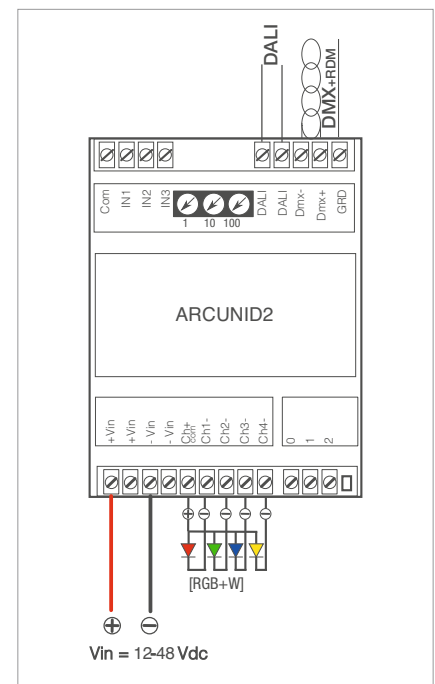
CODE	Input	Control	OUTPUT POWER	OUTPUT	RGB/RGBW groups	Dimensions	IP
ARCUNID2	12-48Vdc	PUSH (3NO) PUSH 20 show Stand-alone 0-10V / 1-9V Potentiometer 10KΩ DMX512 + RDM DALI	1-3 LED/Ch (12Vdc) 1-6 LED/Ch (24Vdc) 1-12 LED/Ch (48Vdc)	350/500/700mA	1-3 (12Vdc) 1-6 (24Vdc) 1-12 (48Vdc)	90x72x60 mm	IP20
ARVUNID2	12-24Vdc	PUSH (3NO) PUSH 20 show Stand-alone 0-10V / 1-9V Potentiometer 10KΩ DMX512 + RDM DALI	max 180W (max 5Ax3, 12Vdc) max 192W (max 4Ax4, 12Vdc) max 360W (max 5Ax3, 24Vdc) max 384W (max 4Ax4, 24Vdc)	Vin=Vout max 5A/ch (@3Ch) max 4A/ch (@4Ch)		90x72x60 mm	IP20



Button control



Control using 0—10V



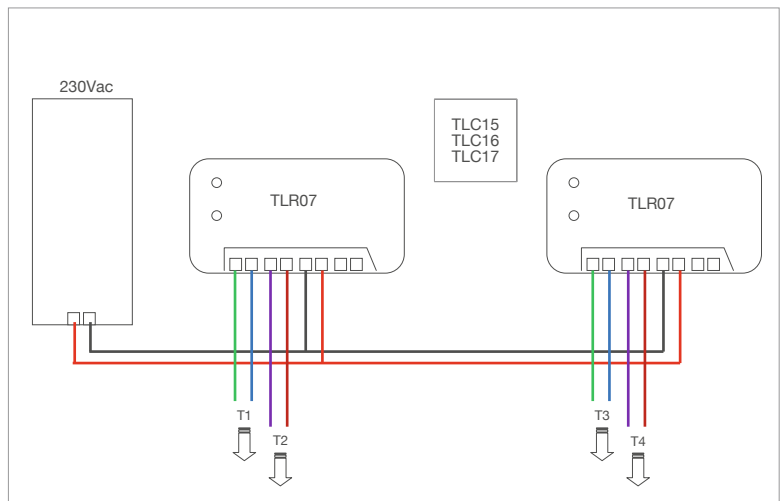
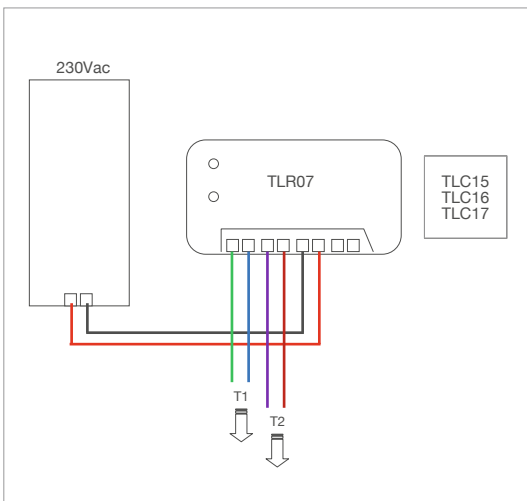
Control using DALI or DMX512 bus

CONTROL SYSTEMS

INPUT VIA REMOTE CONTROL KIT

All the L&L light control devices that can be controlled with NO buttons can have a radio control kit assigned to them: the kit consists of a 2-channel receiver and three types of touch-button remote control for transmitting the control pulses: TLC15 (1 zone), TLC16 (2 zones), TLC17 (4 zones).

CODE	INput	Range	OUTput	Dimensions	IP
TLR02 RGB/RGBW controller with integrated 4-channel receiver	12-24Vdc		2.5 A/ch 4 ch (120W/240W)	58x43x21 mm	IP20
TLR03 Cyan colour controller with integrated 2-channel receiver	12-24Vdc		4 A/ch 2 ch (96W/192W)	58x43x21 mm	IP20
TLR07 2-channel receiver	230Vac		2 relay contacts	58x43x21 mm	IP20
TLR04M-350-500 RGB controller with integrated 3-channel receiver	12-24-36Vdc		350mA 500mA	174x46x35 mm	IP20
TLR04M-350-700 RGB controller with integrated 3-channel receiver	12-24-36Vdc		350mA 700mA	174x46x35 mm	IP20
TLR05S-350 3-channel extender, slave	12-24-36Vdc		700mA	174x46x35 mm	IP20
TLR05S-500 3-channel extender, slave	12-24-36Vdc		500mA	174x46x35 mm	IP20
TLC08 Remote control for RGB/RGBW	CR2450 battery	100m (40m indoors)	433.92 MHz	40x40x10 mm	IP20
TLC09 Remote control for RGB/RGBW	CR2450 battery	100m (40m indoors)	433.92 MHz	40x40x10 mm	IP20
TLC10 Remote control for cyan	CR2450 battery	100m (40m indoors)	433.92 MHz	40x40x10 mm	IP20
TLC15 1-channel remote control for TLR07	CR2450 battery	100m (40m indoors)	433.92 MHz	40x40x10 mm	IP20
TLC16 2-channel remote control for TLR07	CR2450 battery	100m (40m indoors)	433.92 MHz	40x40x10 mm	IP20
TLC17 4-channel remote control for TLR07	CR2450 battery	100m (40m indoors)	433.92 MHz	40x40x10 mm	IP20

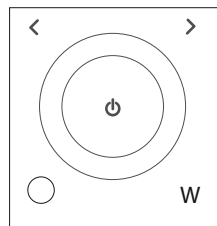




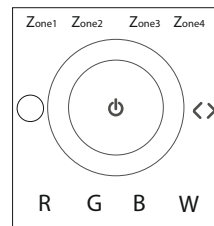
INPUT VIA TOUCH02L1 / TOUCH03L1 (DMX512 PROTOCOL)

The TOUCH02L1/TOUCH03L1 panels are touchscreen control devices that can generate a DMX512 bus signal on 1 area or 4 distinct areas to control RGB/RGBW lighting fixtures when combined with a controller connected to the DMX512 bus (e.g. ARCUNID2 or ARVUNID2). The screen can be used to control cycle times, light intensity and colours. It also has an icon with which it is possible to call up 7 static colours and 4 sequences. The panels can be used with all L&L devices compatible with the DMX512 protocol. Installation requires a WC0302 recessed box.

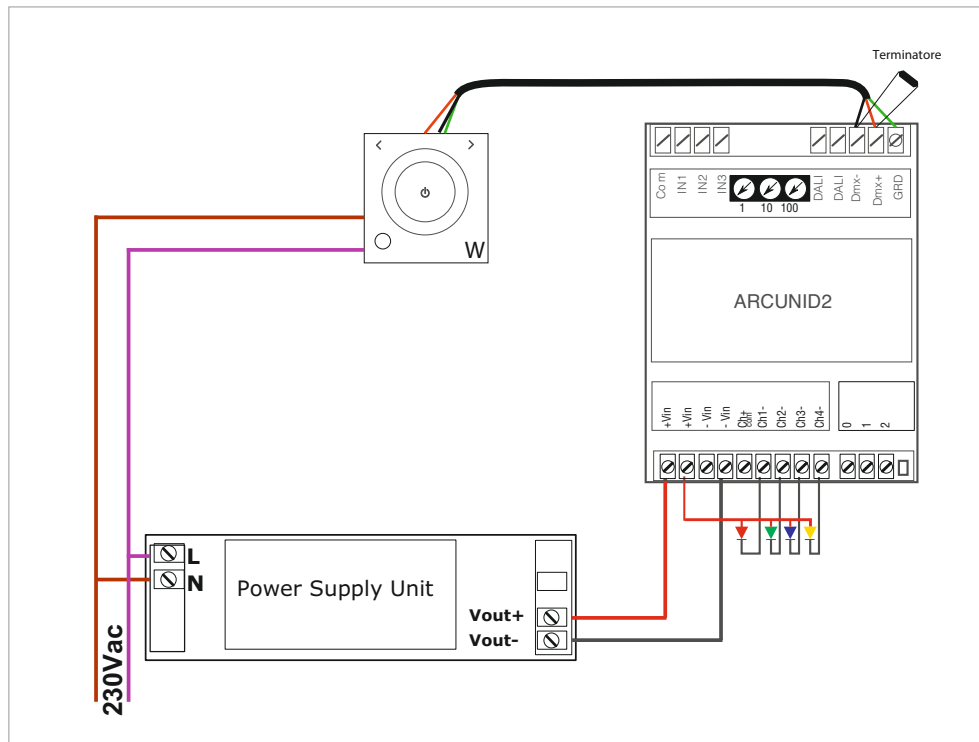
CODE	INput	Control	OUTput	Zones controlled	Dimensions	IP
TOUCH02L1	100–240Vac	touch RGB/RGBW	DMX512 bus	1 zone	86x86x36 mm 225 g	IP20
TOUCH03L1	100–240Vac	touch RGB/RGBW	DMX512 bus	4 zones	86x86x36 mm 225 g	IP20
WC0302 Required outer casing					90x90x50 mm	



TOUCH02L1



TOUCH03L1



CONTROL SYSTEMS

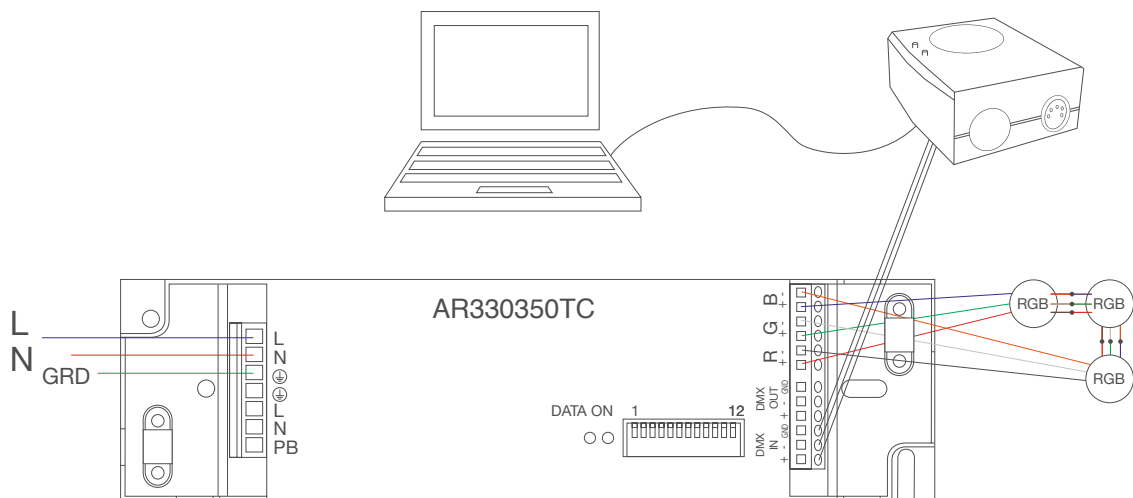
INPUT VIA DMX01 (DMX512 PROTOCOL)

DMX01 is a software-programmable controller that sends a DMX512 control signal to the devices connected to it. The programming software comes with the controller and the programs are stored inside the unit itself: you can program up to 99 shows.

You can use the buttons on the controller to call up the various stored light shows without the need for a PC connection. You can also manage the connected devices dynamically and in real time by interacting with the software interface.

Using a connector for the I/O port, you can set up a series of normally open (NO) buttons to call up the stored scenes (up to a maximum of 8 scenes).

CODE	INput	OUTput	Dimensions	IP
DMX01	230Vac (adaptor)	DMX512 bus	79x92x43 mm 120 g	IP20





EMERGENCY KIT

The emergency kits are set up to work with LED drivers connected in series. When mains power is present, they act as a bypass for the LED driver and as battery chargers.

In the absence of mains power, they power the lighting fixtures.

AE01350T1

The AE01350T1 emergency unit is a very versatile power supply unit: it can function in non-maintained only, or in non-maintained and maintained light in conjunction with electronic transformers (maximum input voltage 90V, maximum input current 2A).

A multi-power version also exists, which can be adjusted using DIP switches and operates at constant current with power LEDs or constant voltage with LED modules.

The unit activates immediately in the event of a mains power outage and is equipped with:

- high-temperature Ni-Cd batteries, 1-hr life;
- LED charging indicator;
- protection device against extended discharges.

The unit has an IP20 ingress protection rating and complies with the standards:

EN61347-2-13, EN61347-2-7, EN61547, EN55015, EN60598-2-22, EN61000-3-2, SELV.

Technical and operating specifications:

- Supply voltage: 220-240V - 50-60Hz;
- Supply current: 20mA;
- Max operating temperature measured on the case: 70°C;
- Ambient temperature: 5-50°C;
- Charge time: 24hr;
- Terminal block range: 1.5 mm²;
- LED mounting hole: Ø8.8 mm;
- Battery pack cable length: 200 mm;
- Charging device with basic isolation capable of recharging the battery normally after the test described in article 22.3 of CEI EN 61347-2-7:2007-09.

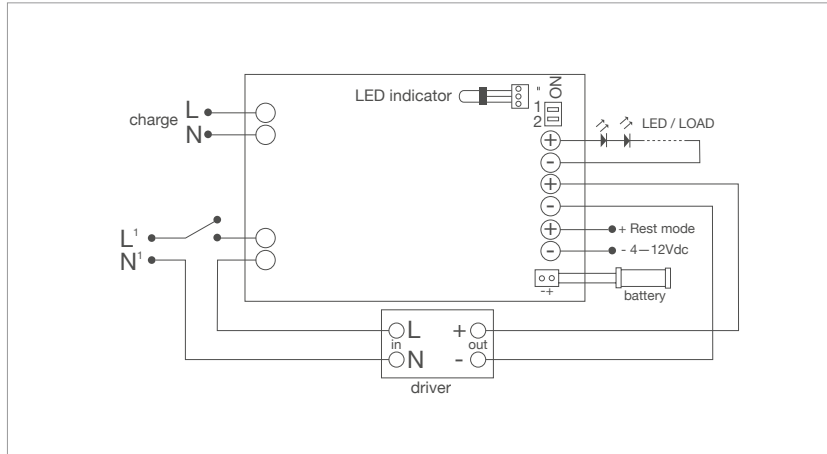
The charging device is protected against short circuits.

DIP switch position (dual in-line package)	Emergency work voltage (VL)	Emergency output current (I)	Max no. power LEDs in current	Max power for LED modules in voltage
A	9—12V	350mA	N°LED=12/Vf	24W
B	9—24V	350—250mA	N°LED=24/Vf	30W
C	9—46V	350—100mA	N°LED=46/Vf	
D	9—58V	350—85mA	N°LED=60/Vf	

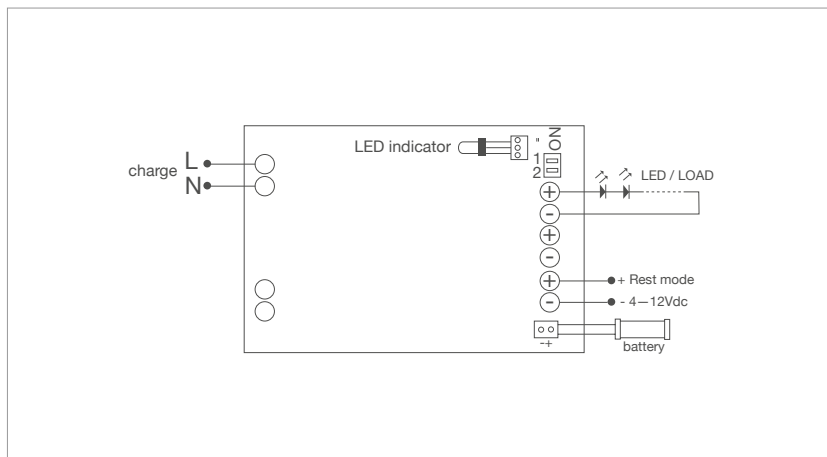
NB: 3-hr battery kit available on request

EMERGENCY KIT

ORDINARY + EMERGENCY LIGHTING



EMERGENCY ONLY



CODE	INput	OUTput	Dimensions		IP	Certifications
AE01350T1	220-240Vac 50-60Hz	max 350mA 58Vdc max	35x47x166 mm 185 g	Ø58 mm	IP20	   





ACCESSORIES

SPARE PARTS

SPARE PARTS



Pair of end caps for outer casing
for deep-set installation

WABR100A

(Brenta 1)



Pair of end caps for outer casing
for deep-set installation

WABR200A

(Brenta 2)



Pair of end caps for outer casing
for flush installation

WABR100F

(Brenta 1)



Pair of end caps for outer casing
for flush installation

WABR200F

(Brenta 2)



Tool for tamper-resistant screws

WE0100

(Rondò 1.1 / 1.2 /
2.1 / 3.1 / 3.2 / 3.4)



Magnet for adjustable optics

WE0201

(Bright 3.F / 5.F; Ginko 3.0 / 3.4
Litus 5.4 / 5.5; Smoothy 5.4
Stra 1.0 / 5.0; Stra P 1.0 / 5.0)



Accessory for positioning filters

WE0301

(Akro 1.0 / 1.1 / 1.2)



Three-pin male connector

WF0320

(Brenta 1 / 2)



Suction cup

WL0100

(Siri Track 2.0)



Pair of U-shaped brackets

WN6002

(Neva Mini 1 / 2 / 5 / 6 / 7
Neva 1.0 / 1.1 / 1.2 / 2.0 / 2.1 / 2.2 /
3.0 / 3.1 / 3.2 / 4.0 / 4.1 / 4.2 /
5.0 / 5.1 / 5.2 / 6.0 / 6.1 / 6.2 /
7.0 / 7.1 / 7.2
Rio 2.0 / 2.1 / 2.2 / 2.3 / 2.4)



Pair of springs

WN6003

(Neva Mini 1 / 2 / 5 / 6 / 7
Neva 1.0 / 1.1 / 1.2 / 2.0 / 2.1 / 2.2 /
3.0 / 3.1 / 3.2 / 4.0 / 4.1 / 4.2 /
5.0 / 5.1 / 5.2 / 6.0 / 6.1 / 6.2 /
7.0 / 7.1 / 7.2)










Pair of extractors for outer casings

WN6004

(Neva Mini 1 / 2 / 5 / 6 / 7
Neva 1.0 / 1.1 / 1.2 / 2.0 / 2.1 / 2.2 /
3.0 / 3.1 / 3.2 / 4.0 / 4.1 / 4.2 /
5.0 / 5.1 / 5.2 / 6.0 / 6.1 / 6.2 /
7.0 / 7.1 / 7.2)
















SPARE PARTS			
	 <p>Pair of extractors for outer casings WN7001 (Bright 3.0 316L; Stra 1.0 / 2.0 / 3.0 / 4.0 / 5.0)</p>	 <p>Pair of extractors for outer casings WN6006 (Rio 1.0 / 1.1 / 1.2 / 1.3 / 1.4)</p>	 <p>Pair of extractors for outer casings WN8002 (Rio 2.0 / 2.1 / 2.2 / 2.3 / 2.4)</p>
	 <p>Pair of U-shaped brackets WN8003 (Rio 1.0 / 1.1 / 1.2 / 1.3 / 1.4)</p>	 <p>Alignment kit for stainless steel outer casings WN8011 (Rio 1.0 / 1.1 / 1.2 / 1.3 / 1.4 / 2.0 / 2.1 / 2.2 / 2.3 / 2.4)</p>	 <p>Pair of extractors for outer casings WNBR000A (Brenta 1 / 2)</p>
	 <p>Optical filter kit WR0300 (Siri Track 2.0)</p>		

CABLES

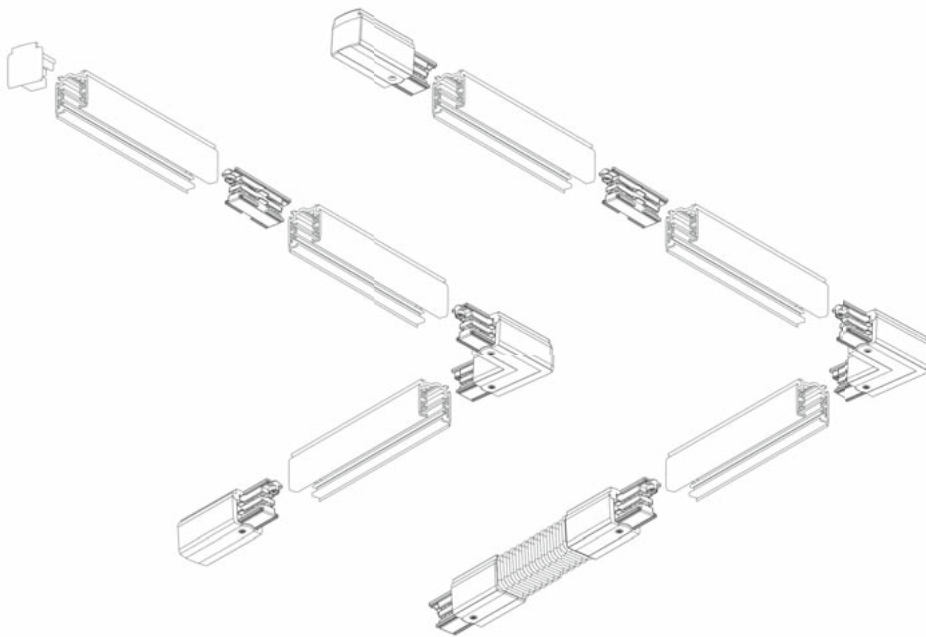
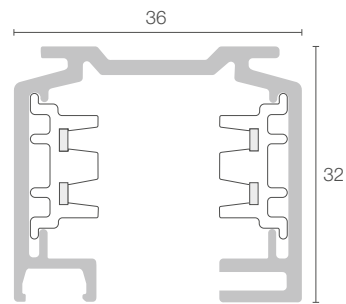
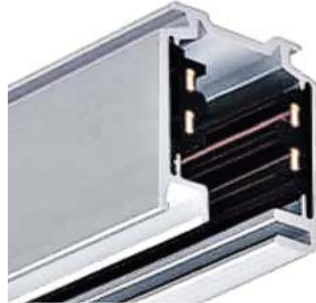
POWER CABLES order together with the lighting fixture	PVC cable FROR 2x0.50 Ø5.0 mm WF0100 Your choice of length	PVC cable FROR 2x0.35 Ø3.5 mm WF0110 Your choice of length	PVC cable FROR 6x0.25 Ø4.6 mm WF0210 Your choice of length
	Neoprene cable 05RN-F 2x0.35 Ø4.3 mm WF0510 Your choice of length	Cable HT105° 2x0.20 Ø3.0 mm WF0600 Your choice of length	



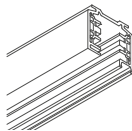
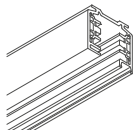
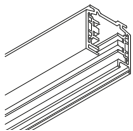
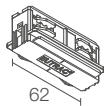
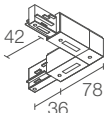
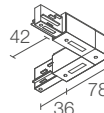
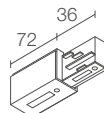
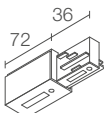
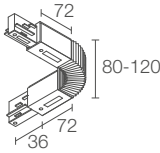
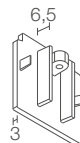


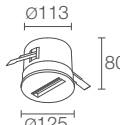
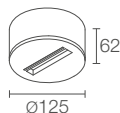
WIRING MATERIALS

<p>WIRING MATERIALS</p>	 <p>Connection box, 3 exits Cable diameter: from 5.5 to 9.5 mm IP54 without screws IP67 with screws WF0300 70x70x20 mm</p>	 <p>Gel-filled four-way cable joint Cable diameter: from 6.5 to 12 mm IP68 WF0301 105x44x24 mm</p>	 <p>Gel-filled straight-through cable joint Cable diameter: from 8 to 10 mm IP68 WF0304</p>
 <p>Three-pin connector Cable diameter: from 5 to 12 mm Pointed screws IP68 WF0313 Ø23x68 mm</p>	 <p>Four-pin connector Cable diameter: from 5 to 12 mm Pointed screws IP68 WF0314 Ø23x68 mm</p>	 <p>Five-pin plug & socket connector Cable diameter: from 5 to 12 mm Pointed screws IP68 WF0315 Ø23x95 mm</p>	
 <p>Three-pin female connector for in/out connection - on/off version Cable diameter: from 7 to 12 mm IP68 WF0316 Ø23x85 mm</p>	 <p>Five-pin female connector for in/out connection - DALI Cable diameter: from 7 to 12 mm IP68 WF0317 Ø23x85 mm</p>	 <p>Two-pin female connector for in/out connection - on/off version Cable diameter: from 7 to 12 mm Pointed screws IP68 WFA00 Ø23x85 mm</p>	
 <p>Four-pin female connector for in/out connection - 0-10V Cable diameter: from 7 to 12 mm Pointed screws IP68 WFA01 Ø23x85 mm</p>	 <p>Potentiometer WX05</p>	 <p>Synchronization cable, 1.5 m WX06</p>	
 <p>Synchronization cable, 4 m WX07</p>			

TRACK ACCESSORIES




**SIRI TRACK
ZAB TRACK**

 <p>3-CCT aluminium lighting track length 1000 mm</p> <p>BE0010011 - Grey BE0020011 - White BE0030011 - Black</p>	 <p>3-CCT aluminium lighting track length 2000 mm</p> <p>BE0010021 - Grey BE0020021 - White BE0030021 - Black</p>	 <p>3-CCT aluminium lighting track length 3000 mm</p> <p>BE0010031 - Grey BE0020031 - White BE0030031 - Black</p>
 <p>Concealed coupler with wiring</p> <p>BE0011101 - Grey BE0021101 - White BE0031101 - Black</p>	 <p>External L-shaped earth coupler</p> <p>BE0011301 - Grey BE0021301 - White BE0031301 - Black</p>	 <p>Internal L-shaped earth coupler</p> <p>BE0011311 - Grey BE0021311 - White BE0031311 - Black</p>
 <p>Supply connector, earth conductor on left</p> <p>BE0011001 - Grey BE0021001 - White BE0031001 - Black</p>	 <p>Supply connector, earth conductor on right</p> <p>BE0011011 - Grey BE0021011 - White BE0031011 - Black</p>	 <p>Flexible coupler</p> <p>BE0011401 - Grey BE0021401 - White BE0031401 - Black</p>
 <p>End cap</p> <p>BE0011201 - Grey BE0021201 - White BE0031201 - Black</p>	 <p>Cover length 1000 mm</p> <p>BE0022001 - White BE0032001 - Black</p>	 <p>Suspension kit with 2-m cable and clutch adjustment</p> <p>BE0017001</p>
 <p>3-phase recessed monopoint</p> <p>BE0016101 - Grey BE0026101 - White BE0036101 - Black (Siri Track 2.0)</p>	 <p>3-phase recessed monopoint</p> <p>BE0016111 - Grey BE0026111 - White BE0036111 - Black (Siri Track 2.0)</p>	

WARRANTY



L&L Luce&Light offers all Buyers who purchase its products a warranty of 24 months against manufacturing and/or design defects as provided for under the General Terms And Conditions of L&L Luce&Light.

During the warranty period, the Buyer may submit a complaint to L&L Luce&Light together with a copy of the purchase invoice and the certification issued by the installer attesting the installation of the Product in accordance with the applicable regulations.

Given the high quality of its Products, L&L Luce&Light is able to offer its Buyers the possibility of extending the term of the above warranty to 5 years from the date of invoice.

This service is offered at no additional charge.

To request a warranty extension, you must make the request within three months of the date of invoice, using the warranty extension form available on the website (www.lucelight.it).

Once the form has been completed in full, the warranty will be extended to a period of 5 years from the date of invoice, as provided for in the L&L Luce&Light General Terms and Conditions, considered to be accepted in full.

Acceptance of the request for extension is subject to the correct and complete compilation of the warranty extension form in all its parts by the Buyer; L&L Luce&Light shall assign an identification code to the warranty extension and give notice thereof to the Buyer.

SYMBOLS



RGB



RGBW



Dynamic white



Shades of cyan



Complies with the European standard EN 60598-1



Device with LED technology



Appliance class I



Appliance class II



Appliance class III



Walkover fixture



Drive-over fixture



Product's gross weight including power cable

IP

Ingress protection

IP69K

Resistance to cleaning with high-pressure, high-temperature spray-downs (ISO-20653 compliant)

IK

Impact resistance

DMX

Digital Multiple X Communication protocol for lighting fixtures

RDM

RDM - Remote Device Management Bi-directional communication protocol for lighting fixtures



Energy efficiency class



Electrical Protection System



Intelligent Protection System



Protective Impedance Device



Surge Protection Device

NTC

Thermistor mounted on LED board



RAL finish on request



Total volume



Cut-out size



Max temperature of lighting fixture



Version with neutral and adhering primer so the body of the fixture can be painted with wall paint



Built-in speaker

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LED EXPERIENCE

Given the continuous evolution of LED technology,
the technical characteristics of the lighting fixtures may vary
with respect to those given in this publication.
For this reason, the information contained herein shall be deemed
merely indicative and not binding for the Company.
The technical reference documentation is available in the download
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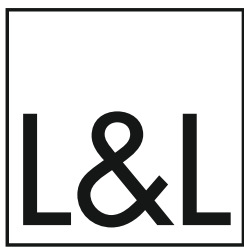
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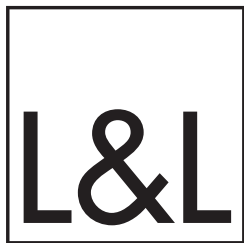


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