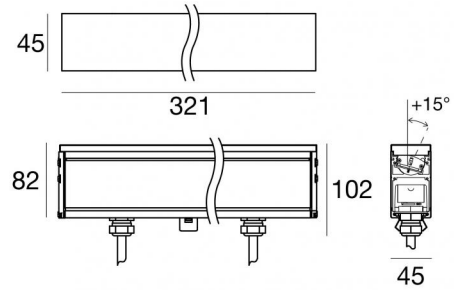




Lines | 220-240 V
6 x powerLED 12.2 W DC - 13.5 W AC | CRI 80
82303M60



Technical data	
Type	Trimless
Installation position	Floor
Installation environment	Outdoor
Light Source	LED
Circuit structure	powerLED
Optics	Wide Flood
Light emission direction	upward
Nominal power	12.2 W DC
Total Power	13.5 W
Source lumens	1692 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	220 - 240 V AC
Frequency	50 - 60 Hz
CCT / Tone	2700 K
Colour rendering index	80 Ra
C.C. / C.V.	AC
Safety class	1
IP	IP67
IK	IK10
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	Driver
Dimmable article	DALI
Directional	No
Tilting	Yes
total angle (horizontal plane)	15 °
total angle (vertical plane)	0 °
Walk-over	Yes
Drive-over	5000 Kg
Cable included	Yes
Cable length	0.2 m
Resin potting	No
Type of light emission	Single emission
Net weight	1.5 Kg
Electrostatic discharge protection	4 KV
Surge protection	6 KV
Product technological characteristics	Acquastop - TVS

Finishing casing

Material	Aluminium 6060
Colour	Anodised Black
Processing	15 µm Anodizing

Finishing diffuser

Material	Extra clear glass - Tempered
Colour	transparent
Processing	Silk-screening

Cables Electrification+signal

IP (locked condition)	68
Cable connector	Male Plug 5 Pin
Cable connector	Female Socket 5 Pin



Lines | 220-240 V | 6 x powerLED 12.2 W DC - 13.5 W AC | CRI 80 | Base
82303M60

Single emission lines for outdoor application. The super warm white LED light source with a wide flood light distribution is composed of 6 powered LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 1692 lm, with a 138.7 lm/W nominal luminous efficacy.

The device body is made of aluminium 6060 and features a anodised black finish, processed by means of 15 µm anodizing; the diffuser is made of extra clear glass - tempered with a silk-screening treatment. The ingress protection degree is IP67; the total weight is of 1.5 kg.

The total absorbed power is 13.5 W. The power supply cable is included and features a 0.2 m length.

The device features protection class I and can be floor-mounted with an outer casing, code 98724(for concrete or masonry).

Compliant with the EN 60598-1 standard and its specific provisions.

Energy efficiency class

This product contains a light source of energy efficiency class D.

Illuminotechnical Features

Light Output Ratio (LOR)	60 %
Source lumens	1692 lm
Delivered lumens	1020 lm
Consumption	13.5 W
Luminaire efficacy	75 lm/W
Colour temperature	2700 K
Standard Deviation of Colour Matching	1.5 Step
Colour rendering index	80 Ra

Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	40°C

LED Life / Failure Ratio

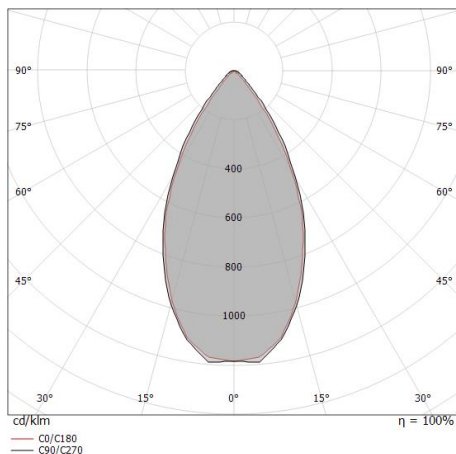
L70 B10 C0 361980h (at Tj 60 Ta 25)

UGR

UGR axial	18
UGR transversal	14.8
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL


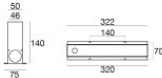






C0/C180 optics	53°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.52 0.50	E(0°) 4826 E(C90) 1709 E(C0) 1724
1.0	1.03 1.01	E(0°) 1207 E(C90) 427 E(C0) 431
1.5	1.55 1.51	E(0°) 536 E(C90) 190 E(C0) 192
2.0	2.06 2.01	E(0°) 302 E(C90) 107 E(C0) 108
2.5	2.58 2.51	E(0°) 193 E(C90) 68 E(C0) 69
3.0	3.10 3.02	E(0°) 134 E(C90) 47 E(C0) 48

Distance [m] Cone diameter [m] illuminance [lx]
 — C0/C180 (Half-peak divergence: 53.4°)
 - - C90/C270 (Half-peak divergence: 54.6°)



 	<p>Outer casing</p> <p>installation position: floor; type of installation: masonry L=320mm, H=140mm, D=75mm.</p> <p>Material:Aluminium 6060, colour:Anodised Black, processing:15 µm Anodizing.</p>	<p>Finish</p> <p></p> <p>Code</p> <p><u>98724</u></p>
	<p>Cable and connector</p> <p>Length 5000 mm.</p>	<p>Code</p> <p><u>99822</u></p>
	<p>Cable and connector</p> <p>Length 1000 mm.</p>	<p>Code</p> <p><u>99823</u></p>
	<p>Cable and connector</p> <p>Length 5000 mm.</p>	<p>Code</p> <p><u>99824</u></p>
	<p>Cable and connector</p> <p>Length 10000 mm.</p>	<p>Code</p> <p><u>99825</u></p>
	<p>Cable and connector</p> <p>Length 1000 mm.</p>	<p>Code</p> <p><u>99826</u></p>