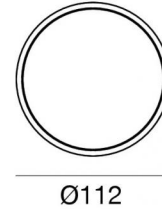
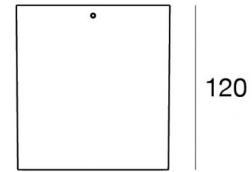
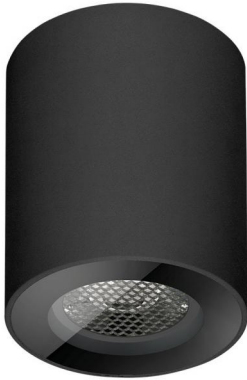




Ceiling Downlights | 198-264 V
1 arrayLED 14 W DC - 15.8 W AC | CRI 80
C00482BBWML



Technical data	
Type	Surface
Installation position	Ceiling
Installation environment	Outdoor
Light Source	LED
Circuit structure	arrayLED
Optics	Medium Flood
Light emission direction	downward
Nominal power	14 W DC
Total Power	15.8 W
Source lumens	2371 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	198 - 264 V AC
Frequency	50 - 60 Hz
CCT / Tone	3000 K
Colour rendering index	80 Ra
C.C. / C.V.	AC
Safety class	1
IP	IP65
IK	IK08
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	Driver
Dimmable article	No
Directional	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	No
Resin potting	No
Type of light emission	Single emission
Net weight	1.13 Kg
Electrostatic discharge protection	Yes
Surge protection	1 KV
Optics technology	Honey comb

Finishing casing

Material	Die-cast Aluminium EN AB - 46100
Colour	black
Processing	Open pore anodizing + Powder Coating

Finishing diffuser

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



Ceiling Downlights | 198-264 V | 1 arrayLED 14 W DC - 15.8 W AC | CRI 80 | Base

C00482BBWML

Single emission ceiling downlights for outdoor application. The warm white LED light source with a medium flood light distribution is composed of 1 arrayed LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 2371 lm, with a 169.4 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a black finish, processed by means of open pore anodizing + powder coating; the diffuser is made of extra clear glass - tempered with a silk-screening treatment. The ingress protection degree is IP65; the total weight is of 1.13 kg.

The total absorbed power is 15.8 W.

The device features protection class I and can be ceiling-mounted.

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

Energy efficiency class

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

Illuminotechnical Features

Light Output Ratio (LOR)	54 %
Source lumens	2371 lm
Delivered lumens	1281 lm
Consumption	15.8 W
Luminaire efficacy	81 lm/W
Colour temperature	3000 K
Standard Deviation of Colour Matching	2 Step MacAdam
Colour rendering index	80 Ra
Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	40°C

LED Life / Failure Ratio

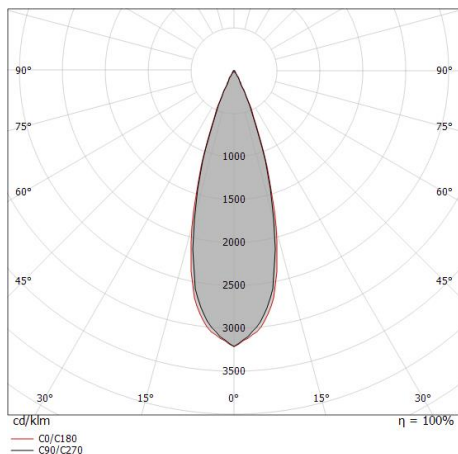
L70 B10 C0 252000h (at Tj 65 Ta 25)

UGR

UGR axial	8.4
UGR transversal	8.9
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	32°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	Illuminance [lx]
0.5	0.29 0.30	E(0°) 16453 E(C90) 16.0° 7349 E(C0) 16.5° 7263
1.0	0.57 0.59	E(0°) 4113 E(C90) 16.0° 1837 E(C0) 16.5° 1816
1.5	0.86 0.89	E(0°) 1828 E(C90) 16.0° 817 E(C0) 16.5° 807
2.0	1.15 1.18	E(0°) 1028 E(C90) 16.0° 459 E(C0) 16.5° 454
2.5	1.43 1.48	E(0°) 658 E(C90) 16.0° 294 E(C0) 16.5° 291
3.0	1.72 1.78	E(0°) 457 E(C90) 16.0° 204 E(C0) 16.5° 202

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0/C180 (Half-peak divergence: 33.0°)
 — C90/C270 (Half-peak divergence: 32.0°)



Bracket - Bracket for installation on stretched cable
installation position: cable L=133mm, H=60mm, D=25mm.
Material:Stainless steel --, colour:steel.

Finish



Code

C-F100018