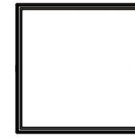
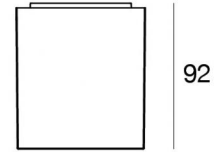




Ceiling Downlights | 198-264 V
1 arrayLED 7 W DC - 8.5 W AC | CRI 80
C00726BBWML



□82

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	7 W DC
Total Power	8.5 W
Source lumens	1087 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	IK07
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	0.655 Kg
Electrostatic discharge protection	Yes
Surge protection	1 KV

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 7 W DC - 8.5 W AC | CRI 80 | Base
C00726BBWML

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 1087 lm, with a 155.3 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 0.655 kg.

The total absorbed power is 8.5 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)	75 %
Source lumens	1087 lm
Delivered lumens	823 lm
Consumption	8.5 W
Luminaire efficacy	96 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

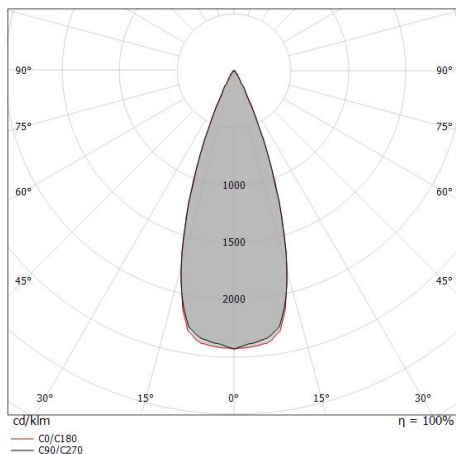
L70 B10 C0 252000h (at Tj 65 Ta 25)

UGR

UGR axial	11.7
UGR transversal	11.7
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	38°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.34 0.34	E(0°) 8007 E(C90) 18.9° 3426 E(C0) 18.8° 3417
1.0	0.68 0.68	E(0°) 2002 E(C90) 18.9° 856 E(C0) 18.8° 854
1.5	1.02 1.02	E(0°) 890 E(C90) 18.9° 361 E(C0) 18.8° 360
2.0	1.37 1.36	E(0°) 500 E(C90) 18.9° 214 E(C0) 18.8° 214
2.5	1.71 1.70	E(0°) 320 E(C90) 18.9° 137 E(C0) 18.8° 137
3.0	2.05 2.04	E(0°) 222 E(C90) 18.9° 95 E(C0) 18.8° 95

Distance [m] Cone diameter [m] illuminance [lx]

— C0/C180 (Half-peak divergence: 37.6°)
 — C90/C270 (Half-peak divergence: 37.8°)