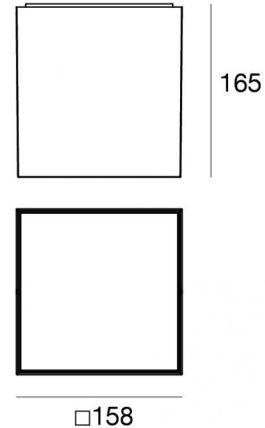




Ceiling Downlights | 198-264 V
1 arrayLED 32.5 W DC - 36 W AC | CRI 80
C00760BBWSP



Technical data	
Type	Surface
Installation position	Ceiling
Installation environment	Outdoor
Light Source	LED
Circuit structure	arrayLED
Optics	Spot
Light emission direction	downward
Nominal power	32.5 W DC
Total Power	36 W
Source lumens	4976 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	2
IP	IP65
IK	IK07
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	Driver
Dimmable article	DALI - PUSH DIM
Directional	No
Tilting	No
Walk-over	No
Drive-over	No
Cable included	No
Resin potting	No
Type of light emission	Single emission
Net weight	3.1 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
Colour	transparent
Processing	Silk-screening



Ceiling Downlights | 198-264 V | 1 arrayLED 32.5 W DC - 36 W AC | CRI 80 | Base C00760BBWSP

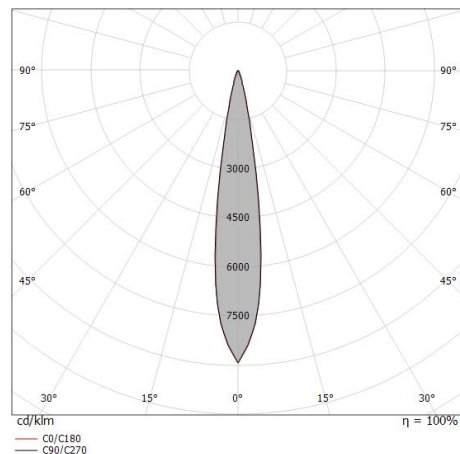
Single emission ceiling downlights for outdoor application. The warm white LED light source with a spot light distribution is composed of 1 arrayed LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 4976 lm, with a 153.1 lm/W nominal luminous efficacy.

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 with a silk-screening treatment. The ingress protection degree is IP65; the total weight is of 3.1 kg.

The total absorbed power is 36 W.

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

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



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.15 0.15	E(0°) 118293 E(C90) 8.4° 57939 E(C0) 8.3° 57852
1.0	0.30 0.29	E(0°) 29573 E(C90) 8.4° 14485 E(C0) 8.3° 14463
1.5	0.44 0.44	E(0°) 13144 E(C90) 8.4° 6438 E(C0) 8.3° 6428
2.0	0.59 0.58	E(0°) 7393 E(C90) 8.4° 3621 E(C0) 8.3° 3616
2.5	0.74 0.73	E(0°) 4732 E(C90) 8.4° 2318 E(C0) 8.3° 2314
3.0	0.89 0.88	E(0°) 3286 E(C90) 8.4° 1609 E(C0) 8.3° 1607

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

— C0/C180 (Half-peak divergence: 16.6°)
— C90/C270 (Half-peak divergence: 16.8°)

Energy efficiency class

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

Illuminotechnical Features

Light Output Ratio (LOR)	66 %
Source lumens	4976 lm
Delivered lumens	3307 lm
Consumption	36 W
Luminaire efficacy	91 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	12.8
UGR transversal	12.3
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	17°
Light distribution simmetry	Symmetrical