



Ceiling Downlights | 198-264 V AC /200-300 V DC | 1 arrayLED 14 W DC - 15.8 W AC | CRI

80 | Base

C00484DBNSP

Single emission ceiling downlights for outdoor application. The natural white LED light source with a spot light distribution is composed of 1 arrayed LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 2434 lm, with a 173.9 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a dark brown 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)	59 %
Source lumens	2434 lm
Delivered lumens	1454 lm
Consumption	15.8 W
Luminaire efficacy	92 lm/W
Colour temperature	4000 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

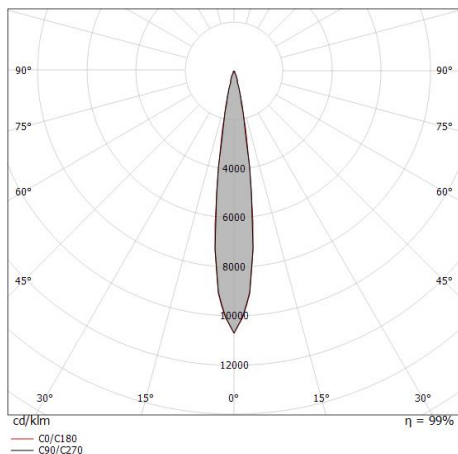
L70 B10 C0 252000h (at Tj 65 Ta 25)

UGR

UGR axial	8.2
UGR transversal	8.2
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	15°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.13 0.14	E(0°) 62240 E(C90) 30952 E(C0) 30860
1.0	0.27 0.27	E(0°) 15560 E(C90) 7738 E(C0) 7715
1.5	0.40 0.41	E(0°) 6916 E(C90) 3439 E(C0) 3429
2.0	0.53 0.54	E(0°) 3890 E(C90) 1934 E(C0) 1929
2.5	0.67 0.68	E(0°) 2490 E(C90) 1238 E(C0) 1234
3.0	0.80 0.81	E(0°) 1729 E(C90) 860 E(C0) 857

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

— C0/C180 (Half-peak divergence: 15.4°)
— C90/C270 (Half-peak divergence: 15.2°)



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