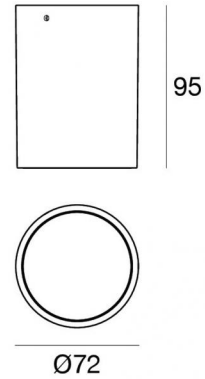




Ceiling Downlights | 180-264 V AC /230-280 V DC  
1 arrayLED 6.5 W DC - 7.5 W AC | CRI 80



**C00467WHNML**



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	6.5 W DC
Total Power	7.5 W
Source lumens	990 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	180 - 264 V AC
Frequency	50 - 60 Hz
CCT / Tone	4000 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	0.578 Kg
Electrostatic discharge protection	Yes
Surge protection	1 KV
Optics technology	Set-back low glare optics

Finishing casing	
Material	Die-cast Aluminium EN AB - 46100
Colour	White
Processing	Open pore anodizing + Powder Coating
Finishing diffuser	
Material	Extra clear glass - Tempered
Colour	transparent
Processing	Silk-screening



Ceiling Downlights | 180-264 V AC /230-280 V DC | 1 arrayLED 6.5 W DC - 7.5 W AC | CRI

80 | Base

**C00467WHNML**

Single emission ceiling downlights for outdoor application. The natural white LED light source with a medium flood light distribution is composed of 1 arrayed LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 990 lm, with a 152.3 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a white 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 0.578 kg.

The total absorbed power is 7.5 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)	73 %
Source lumens	990 lm
Delivered lumens	727 lm
Consumption	7.5 W
Luminaire efficacy	96 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

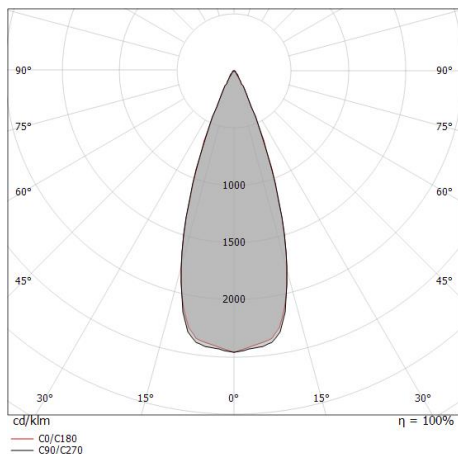
L70 B10 C0 252000h (at Tj 65 Ta 25 )

### UGR

UGR axial	14.4
UGR transversal	14.6
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

C0/C180 optics	37°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.34 0.34	E(0°) 7144 E(C90) 18.7° 3059 E(C0) 18.8° 3042
1.0	0.68 0.68	E(0°) 1786 E(C90) 18.7° 765 E(C0) 18.8° 760
1.5	1.02 1.02	E(0°) 794 E(C90) 18.7° 340 E(C0) 18.8° 338
2.0	1.35 1.36	E(0°) 447 E(C90) 18.7° 191 E(C0) 18.8° 190
2.5	1.69 1.70	E(0°) 286 E(C90) 18.7° 122 E(C0) 18.8° 122
3.0	2.03 2.04	E(0°) 198 E(C90) 18.7° 85 E(C0) 18.8° 84

— C0/C180 (Half-peak divergence: 37.6°)  
— C90/C270 (Half-peak divergence: 37.4°)