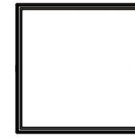
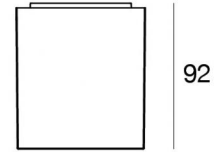




Ceiling Downlights | 198-264 V  
1 arrayLED 7 W DC - 8.5 W AC | CRI 80  
**C00727WHNML**



□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	1114 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	198 - 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	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
Optics technology	Honey comb

### 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 | 198-264 V | 1 arrayLED 7 W DC - 8.5 W AC | CRI 80 | Base  
**C00727WHNML**

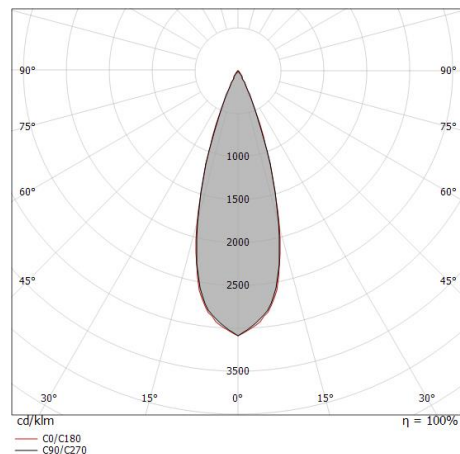
Single emission ceiling downlights for outdoor application. The natural white LED light source with a medium flood light distribution is composed of 1 arrayed LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 1114 lm, with a 159.1 lm/W nominal luminous efficacy.

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 0.655 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.



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.30 0.30	E(0°) 7466 E(C90) 3298 E(C0) 3306
1.0	0.60 0.60	E(0°) 1866 E(C90) 824 E(C0) 826
1.5	0.89 0.90	E(0°) 830 E(C90) 366 E(C0) 367
2.0	1.19 1.20	E(0°) 467 E(C90) 206 E(C0) 207
2.5	1.49 1.50	E(0°) 299 E(C90) 132 E(C0) 132
3.0	1.79 1.80	E(0°) 207 E(C90) 92 E(C0) 92

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

— C0/C180 (Half-peak divergence: 33.4°)  
 — C90/C270 (Half-peak divergence: 33.2°)

### Energy efficiency class

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

### Illuminotechnical Features

Light Output Ratio (LOR)	54 %
Source lumens	1114 lm
Delivered lumens	606 lm
Consumption	8.5 W
Luminaire efficacy	71 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	6.8
UGR transversal	6.9
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

C0/C180 optics	33°
Light distribution simmetry	Symmetrical