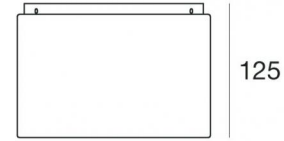




Ceiling Downlights | 198-264 V
1 + 1 arrayLED 50 W DC - 28 W AC | CRI 80
81879W30



Technical data	
Type	Surface
Installation position	Ceiling
Installation environment	Outdoor
Light Source	LED
Circuit structure	arrayLED
Optics	Flood + Flood
Light emission direction	downward + downward
Nominal power	50 W DC
Total Power	28 W
Source lumens	8022 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	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	2.8 Kg
Electrostatic discharge protection	Yes
Surge protection	5 KV
Optics technology	Set-back low glare optics

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



Ceiling Downlights | 198-264 V | 1 + 1 arrayLED 50 W DC - 28 W AC | CRI 80 | Base 81879W30

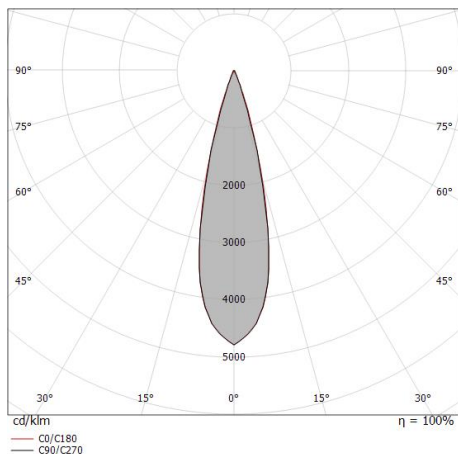
Single emission ceiling downlights for outdoor application. The warm white LED light source with a flood light distribution is composed of 1 arrayed LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 4011 lm, with a 160.4 lm/W nominal luminous efficacy. The warm white LED light source with a flood light distribution is composed of 1 arrayed LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 4011 lm, with a 160.4 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a grey 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 2.8 kg.

The total absorbed power is 28 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	0.23 0.23	E(0°) 51480 E(C90) 13.1° 24075 E(C0) 13.2° 23983
1.0	0.47 0.47	E(0°) 12870 E(C90) 13.1° 6019 E(C0) 13.2° 5996
1.5	0.70 0.70	E(0°) 5720 E(C90) 13.1° 2675 E(C0) 13.2° 2665
2.0	0.93 0.94	E(0°) 3217 E(C90) 13.1° 1505 E(C0) 13.2° 1499
2.5	1.16 1.17	E(0°) 2059 E(C90) 13.1° 963 E(C0) 13.2° 959
3.0	1.40 1.41	E(0°) 1430 E(C90) 13.1° 669 E(C0) 13.2° 666

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

— C0/C180 (Half-peak divergence: 26.4°)
— C90/C270 (Half-peak divergence: 26.2°)

Energy efficiency class

This product contains 2 light sources of energy efficiency class E.

Illuminotechnical Features

Light Output Ratio (LOR)	33 %
Source lumens	8022 lm
Delivered lumens	2688 lm
Consumption	28 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	11.2
UGR transversal	11.2
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	26°
Light distribution simmetry	Symmetrical