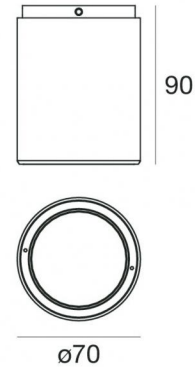




Ceiling Lights | 198-264 V  
1 arrayLED 6.5 W DC - 7.5 W AC | CRI 80  
**81851W30**



Technical data	
Type	Surface
Installation position	Ceiling
Installation environment	Outdoor
Light Source	LED
Optics	Medium Flood
Light emission direction	downward
Nominal power	6.5 W DC
Total Power	7.5 W
Source lumens	770 lm
Voltage	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	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	0.675 Kg
Electrostatic discharge protection	4 KV
Surge protection	4 KV
Optics technology	Set-back low glare optics
Product technological characteristics	TCS

Finishing casing	
Material	Die-cast Aluminium EN AB - 46100
Colour	Embossed white RAL 9003
Processing	Open pore anodizing + Powder Coating
Finishing diffuser	
Material	Extra clear glass - Tempered
Colour	transparent
Processing	Silk-screening



Ceiling Lights | 198-264 V | 1 arrayLED 6.5 W DC - 7.5 W AC | CRI 80 | Base 81851W30

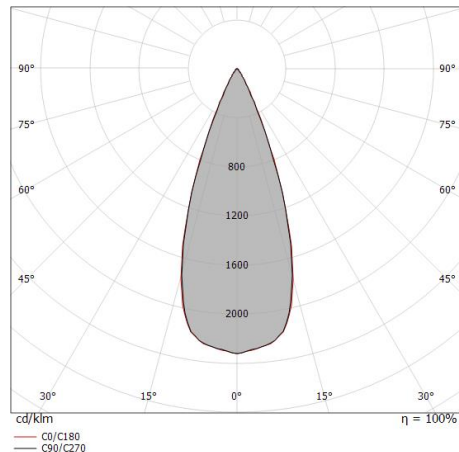
Single emission ceiling lights for outdoor application. The warm white LED light source with a medium flood light distribution is composed of 1 arrayed LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 770 lm, with a 128.3 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a embossed white ral 9003 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 0.675 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.



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.35 0.35	E(0°) 6006 E(C90) 2551 E(C0) 2527
1.0	0.70 0.70	E(0°) 1501 E(C90) 638 E(C0) 632
1.5	1.05 1.06	E(0°) 667 E(C90) 283 E(C0) 281
2.0	1.40 1.41	E(0°) 375 E(C90) 159 E(C0) 158
2.5	1.75 1.76	E(0°) 240 E(C90) 102 E(C0) 101
3.0	2.10 2.11	E(0°) 167 E(C90) 71 E(C0) 70

— C0/C180 (Half-peak divergence: 38.8°)  
— C90/C270 (Half-peak divergence: 38.6°)

### Energy efficiency class

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

### Illuminotechnical Features

Light Output Ratio (LOR)	84 %
Source lumens	770 lm
Delivered lumens	647 lm
Consumption	7.5 W
Luminaire efficacy	86 lm/W
Colour temperature	3000 K
Standard Deviation of Colour Matching	2 Step MacAdam
Colour rendering index	80 Ra
Gamut Area Index	55 GAI
Colour Rendering Index	10 R9
IES TM-30 Rf	83
IES TM-30 Rg	96
Black Body Locus	On
Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	40°C

### LED Life / Failure Ratio

L70 B10 C0 296940h (at Tj 65 Ta 25 )

### UGR

UGR axial	12.5
UGR transversal	13
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

C0/C180 optics	39°
Light distribution simmetry	Symmetrical

### COLOR VECTOR GRAPHIC

