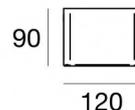




Ceiling Lights | 220-240 V AC /176-276 V DC  
1 arrayLED 6.5 W DC - 8 W AC | CRI 80  
**64564W70**



Technical data	
Type	Surface
Installation position	Ceiling
Installation environment	Outdoor
Light Source	LED
Optics	Wide Flood
Light emission direction	downward
Nominal power	6.5 W DC
Total Power	8 W
Source lumens	770 lm
Voltage	220 - 240 V AC
CCT / Tone	3000 K
Colour rendering index	80 Ra
C.C. / C.V.	AC
Safety class	2
IP	IP65
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	1.4 Kg
Electrostatic discharge protection	4 KV
Surge protection	0,5 KV

Finishing casing	
Material	concrete
Colour	neutral

Finishing diffuser	
Material	Extra clear glass
Colour	transparent



Ceiling Lights | 220-240 V AC /176-276 V DC | 1 arrayLED 6.5 W DC - 8 W AC | CRI 80 |  
 Base  
**64564W70**

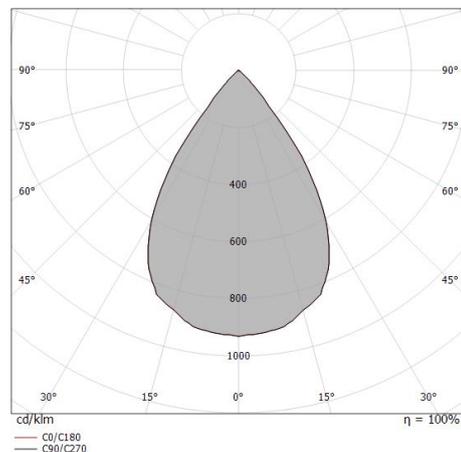
Single emission ceiling lights for outdoor application. The warm white LED light source with a wide flood light distribution is composed of 1 arrayed LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 770 lm, with a 128.3 lm/W nominal luminous efficacy.

The device body is made of concrete and features a neutral finish; the diffuser is made of extra clear glass. The ingress protection degree is IP65; the total weight is of 1.4 kg.

The total absorbed power is 8 W.

The device features protection class II 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	0.67	E(0°) 1828 E(C0) 528
1.0	1.34	E(0°) 457 E(C0) 132
1.5	2.01	E(0°) 203 E(C0) 59
2.0	2.68	E(0°) 114 E(C0) 33
2.5	3.35	E(0°) 73 E(C0) 21
3.0	4.02	E(0°) 51 E(C0) 15

Distance [m] Cone diameter [m] illuminance [lx]  
 — C0/C180 (Half-peak divergence: 67.6°)

### Energy efficiency class

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

### Illuminotechnical Features

Light Output Ratio (LOR)	63 %
Source lumens	770 lm
Delivered lumens	491 lm
Consumption	8 W
Luminaire efficacy	61 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	17.6
UGR transversal	17.6
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

C0/C180 optics	68°
Light distribution symmetry	Symmetrical

### COLOR VECTOR GRAPHIC

