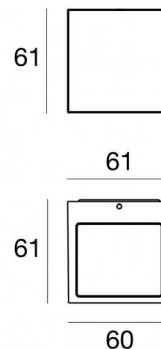




Wall Lights | 180-264 V AC /230-280 V DC  
1 x powerLEDs 2.6 W DC - 3.2 W AC | CRI 80  
**77413M12**



## Technical data

Type	Surface
Installation position	Wall lights
Installation environment	Outdoor
Light Source	LED
Circuit structure	powerLEDs
Optics	Extra Wide Flood
Light emission direction	downward
Nominal power	2.6 W DC
Total Power	3.2 W
Source lumens	198 lm
Nominal input voltage	220 - 240 V AC
Input voltage range	180 - 264 V AC
Frequency	50 - 60 Hz
CCT / Tone	2700 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	0.3 Kg
Electrostatic discharge protection	Yes
Surge protection	1 KV

## 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

Wall Lights | 180-264 V AC /230-280 V DC | 1 x powerLEDs 2.6 W DC - 3.2 W AC | CRI 80 |  
Base  
**77413M12**

Single emission wall lights for outdoor application. The super warm white LED light source with a extra wide flood light distribution is composed of 1 powerled LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 198 lm, with a 99.0 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 0.3 kg.

The total absorbed power is 3.2 W.

The device features protection class I and can be wall lights-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

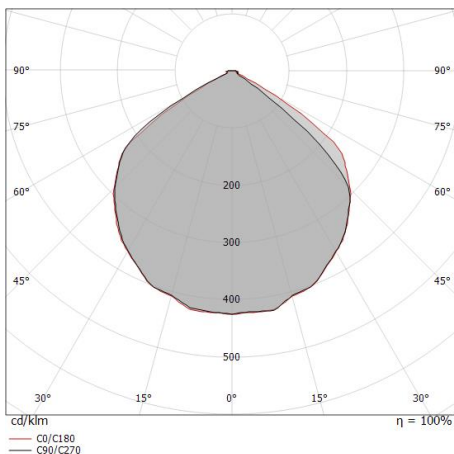
Light Output Ratio (LOR)	142 %
Source lumens	198 lm
Delivered lumens	282 lm
Consumption	3.2 W
Luminaire efficacy	88 lm/W
Colour temperature	2700 K
Standard Deviation of Colour Matching	2 Step MacAdam
Colour rendering index	80 Ra
<b>Standard Operating Ambient Temperature</b> -20 / +50°C	
<b>Ordinary temperature on the glass</b> 40°C	

### LED Life / Failure Ratio

L70 B10 C0 250000h (at Tj 65 Ta 25 )

### OPTICAL

C0/C180 optics	110°
Light distribution simmetry	Asymmetrical



Distance [m]	Cone diameter [m]	E(0°) E(C0)	55.1°	480 45
0.5	1.43	E(0°) E(C0)	55.1°	120 11
1.0	2.87	E(0°) E(C0)	55.1°	53 5
1.5	4.30	E(0°) E(C0)	55.1°	30 3
2.0	5.73	E(0°) E(C0)	55.1°	19 2
2.5	7.17	E(0°) E(C0)	55.1°	13 1
3.0	8.60	E(0°) E(C0)	55.1°	

Distance [m] Cone diameter [m] Illuminance [lx]  
— C0/C180 (Half-peak divergence: 110.2°)