



Uplights | 1 x powerLED 2.5 W DC 24 V | CRI 80 | Base
77309M00

Single emission uplights for outdoor application. The super warm white LED light source with a diffused light distribution is composed of 1 poweredLEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 249 lm, with a 99.6 lm/W nominal luminous efficacy.

The device body is made of die-cast aluminium en ab - 46100 and features a black finish, processed by means of open pore anodizing + powder coating; the diffuser is made of glass - tempered with a anti-slip painting treatment. The ingress protection degree is IP67; the total weight is of 0.65 kg.

The total absorbed power is 2.5 W. The power supply cable is included and features a 1 m length.

The device features protection class III and can be floor-mounted with an outer casing, code C-C100003(for concrete or masonry).

Compliant with the EN 60598-1 standard and its specific provisions.

Energy efficiency class

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

Illuminotechnical Features

| | |
|---------------------------------------|----------|
| Light Output Ratio (LOR) | 17 % |
| Source lumens | 249 lm |
| Delivered lumens | 44 lm |
| Consumption | 5 W |
| Luminaire efficacy | 8 lm/W |
| Colour temperature | 2700 K |
| Standard Deviation of Colour Matching | 1.5 Step |
| Colour rendering index | 80 Ra |

| | |
|--|-------------|
| Standard Operating Ambient Temperature | -20 / +50°C |
| Ordinary temperature on the glass | 50°C |

LED Life / Failure Ratio

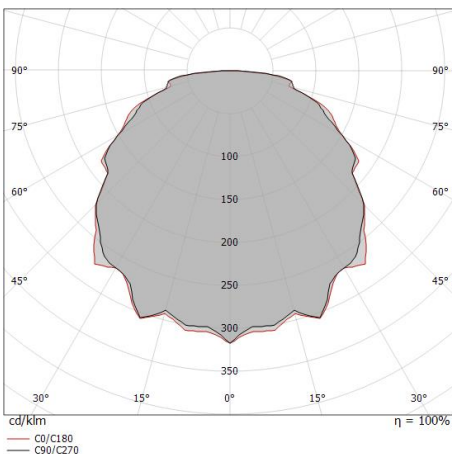
L70 B10 C0 361980h (at Tj 60 Ta 25)

UGR

| | |
|-------------------|----------|
| UGR axial | 19.9 |
| UGR transversal | 20 |
| X=4H Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

OPTICAL

| | |
|-----------------------------|-------------|
| C0/C180 optics | 117° |
| Light distribution simmetry | Symmetrical |



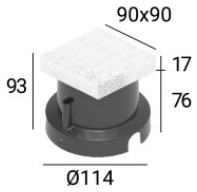
| Distance [m] | Cone diameter [m] | Illuminance [lx] | E(0°) | E(C90) | E(C0) |
|--------------|-------------------|------------------|-------|--------|-------|
| 0.5 | 1.64 1.66 | 55 4 4 | 58.7° | 58.9° | 58.9° |
| 1.0 | 3.29 3.32 | 14 1 1 | 58.7° | 58.9° | 58.9° |
| 1.5 | 4.93 4.97 | 6 0 0 | 58.7° | 58.9° | 58.9° |
| 2.0 | 6.58 6.63 | 3 0 0 | 58.7° | 58.9° | 58.9° |
| 2.5 | 8.22 8.29 | 2 0 0 | 58.7° | 58.9° | 58.9° |
| 3.0 | 9.87 9.95 | 2 0 0 | 58.7° | 58.9° | 58.9° |

Distance [m] Cone diameter [m] Illuminance [lx]

— C0/C180 (Half-peak divergence: 117.8°)
— C90/C270 (Half-peak divergence: 117.4°)



Orma_QFL | Uplights | Accessories
77309M00



Outer casing

installation position: floor, land; type of installation: masonry L=114mm, H=93mm,
D=114mm.

Material:ABS Plastic, colour:black.

Code

C-C100003



Tool - Suction cup + double-sided tape

Material:plastic, colour:orange, processing:Coating.

Code

C-K400101