



Uplights | 1 arrayLED 9 W DC 24 V | CRI 80 | Base 77321M15

Single emission uplights for outdoor application. The super warm white LED light source with a spot light distribution is composed of 1 arrayed LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 1080 lm, with a 120.0 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 extra clear glass - tempered with a silk-screening treatment. The ingress protection degree is IP67; the total weight is of 0.65 kg.

The total absorbed power is 9 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 F.

Illuminotechnical Features

Light Output Ratio (LOR)	54 %
Source lumens	1080 lm
Delivered lumens	592 lm
Consumption	9 W
Luminaire efficacy	65 lm/W
Colour temperature	2700 K
Standard Deviation of Colour Matching	2 Step MacAdam
Colour rendering index	80 Ra
Black Body Locus	On

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

LED Life / Failure Ratio

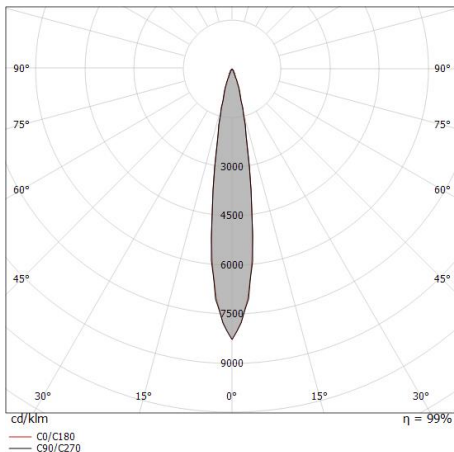
L70 B10 C0 252000h (at Tj 65 Ta 25)

UGR

UGR axial	7.4
UGR transversal	7.3
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	17°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.15 / 0.15	E(0°) 19549 E(C90) 8.4° 9536 E(C0) 8.3° 9627
1.0	0.30 / 0.29	E(0°) 4887 E(C90) 8.4° 2384 E(C0) 8.3° 2407
1.5	0.44 / 0.44	E(0°) 2172 E(C90) 8.4° 1066 E(C0) 8.3° 1070
2.0	0.59 / 0.58	E(0°) 1222 E(C90) 8.4° 596 E(C0) 8.3° 602
2.5	0.74 / 0.73	E(0°) 782 E(C90) 8.4° 381 E(C0) 8.3° 385
3.0	0.89 / 0.88	E(0°) 543 E(C90) 8.4° 265 E(C0) 8.3° 267

— C0/C180 (Half-peak divergence: 16.6°)
— C90/C270 (Half-peak divergence: 16.8°)



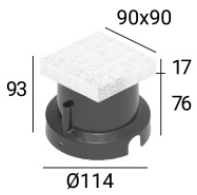


Orma_QFJ | Uplights | Accessories
77321M15



Tool - Suction cup for product extraction
Material:plastic, colour:orange, processing:Coating.

Code
83235



Outer casing
installation position: floor, land; type of installation: masonry L=114mm, H=93mm,
D=114mm.
Material:ABS Plastic, colour:black.

Code
C-C100003