



Uplights | 1 arrayLED 9 W DC 24 V | CRI 80 | Base
77319M60

Single emission uplights for outdoor application. The super warm white LED light source with a wide flood 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)	69 %
Source lumens	1080 lm
Delivered lumens	748 lm
Consumption	9 W
Luminaire efficacy	83 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

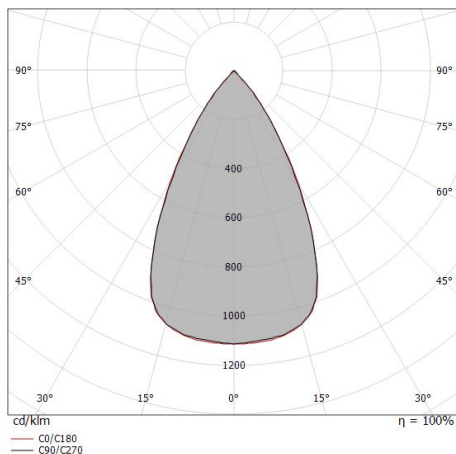
L70 B10 C0 252000h (at Tj 65 Ta 25)

UGR

UGR axial	15.9
UGR transversal	16
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

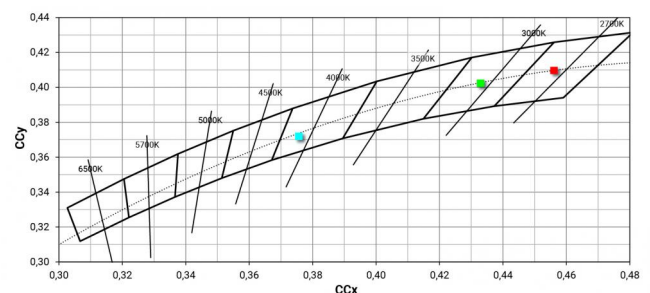
OPTICAL

C0/C180 optics	58°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.55 0.55	E(0°) 3329 E(C90) 28.9° 1120 E(C0) 29.0° 1120
1.0	1.10 1.11	E(0°) 832 E(C90) 28.9° 280 E(C0) 29.0° 280
1.5	1.66 1.66	E(0°) 370 E(C90) 28.9° 124 E(C0) 29.0° 124
2.0	2.21 2.22	E(0°) 208 E(C90) 28.9° 70 E(C0) 29.0° 70
2.5	2.76 2.77	E(0°) 133 E(C90) 28.9° 45 E(C0) 29.0° 45
3.0	3.31 3.33	E(0°) 92 E(C90) 28.9° 31 E(C0) 29.0° 31

— C0/C180 (Half-peak divergence: 58.0°)
— C90/C270 (Half-peak divergence: 57.8°)





Orma_QFJ | Uplights | Accessories
77319M60



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