



Uplights | 1 arrayLED 9 W DC 24 V | CRI 80 | Base
77319N60

Single emission uplights for outdoor application. The natural white LED light source with a wide flood light distribution is composed of 1 arrayed LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 1188 lm, with a 132.0 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 E.

Illuminotechnical Features

Light Output Ratio (LOR)	67 %
Source lumens	1188 lm
Delivered lumens	800 lm
Consumption	9 W
Luminaire efficacy	88 lm/W
Colour temperature	4000 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

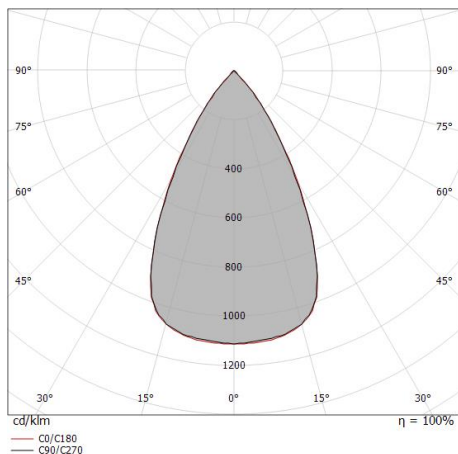
L70 B10 C0 252000h (at Tj 65 Ta 25)

UGR

UGR axial	16.1
UGR transversal	16.2
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]	E(0°)	E(C90)	E(C0)
0.5	0.55 0.55	3562	1199	1199
1.0	1.10 1.11	890	300	300
1.5	1.66 1.66	396	133	133
2.0	2.21 2.22	223	75	75
2.5	2.76 2.77	142	48	48
3.0	3.31 3.33	99	33	33

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

COLOR VECTOR GRAPHIC





Orma_QFJ | Uplights | Accessories
77319N60



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