



Uplights | 1 arrayLED 13 W DC 24 V | CRI 80 | Base 82691M15

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 1724 lm, with a 132.6 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 extra clear glass - tempered with a silk-screening treatment. The ingress protection degree is IP68; the total weight is of 0.9 kg.

The total absorbed power is 13 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 83040(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)	62 %
Source lumens	1724 lm
Delivered lumens	1069 lm
Consumption	13 W
Luminaire efficacy	82 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	40°C

LED Life / Failure Ratio

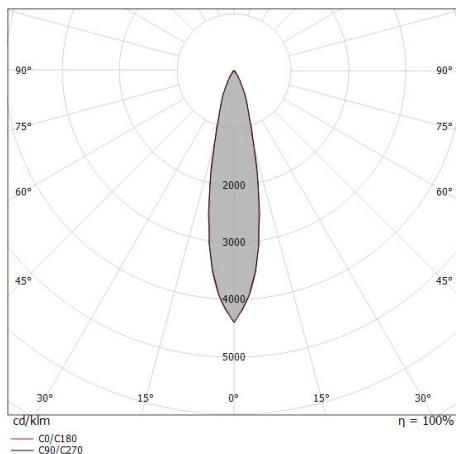
L70 B10 C0 296960h (at Tj 65 Ta 25)

UGR

UGR axial	9.1
UGR transversal	10.1
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

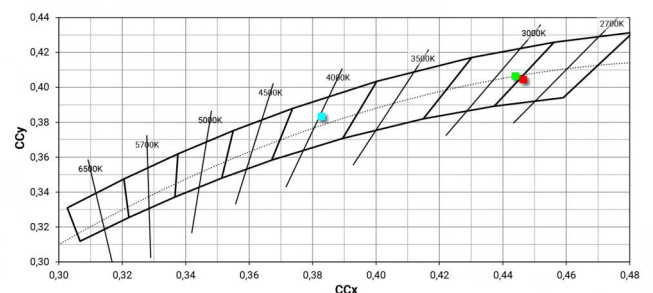
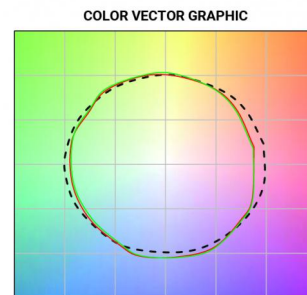
C0/C180 optics	22°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.20 0.20	E(0°) 18789 E(C90) 11.3° 8874 E(C0) 11.2° 8905
1.0	0.40 0.40	E(0°) 4697 E(C90) 11.3° 2218 E(C0) 11.2° 2226
1.5	0.60 0.59	E(0°) 2088 E(C90) 11.3° 986 E(C0) 11.2° 989
2.0	0.80 0.79	E(0°) 1174 E(C90) 11.3° 555 E(C0) 11.2° 557
2.5	1.00 0.99	E(0°) 752 E(C90) 11.3° 355 E(C0) 11.2° 356
3.0	1.20 1.19	E(0°) 522 E(C90) 11.3° 246 E(C0) 11.2° 247

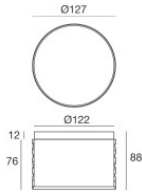
Distance [m] Cone diameter [m] illuminance [lx]

— C0/C180 (Half-peak divergence: 22.4°)
— C90/C270 (Half-peak divergence: 22.6°)





Orma_FJ | Uplights | Accessories
82691M15



Outer casing

installation position: floor, land; type of installation: masonry L=127mm, H=88mm,
 D=127mm.

Material:ABS Plastic, colour:black.

Code

99924



Outer casing

installation position: floor, land; type of installation: masonry L=127mm, H=88mm,
 D=127mm.

Material:ABS Plastic, colour:black.

Code

83040