



Uplights | 1 arrayLED 13 W DC 24 V | CRI 80 | Base 82691N60

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 1854 lm, with a 142.6 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 D.

Illuminotechnical Features

Light Output Ratio (LOR)	61 %
Source lumens	1854 lm
Delivered lumens	1142 lm
Consumption	13 W
Luminaire efficacy	87 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	40°C

LED Life / Failure Ratio

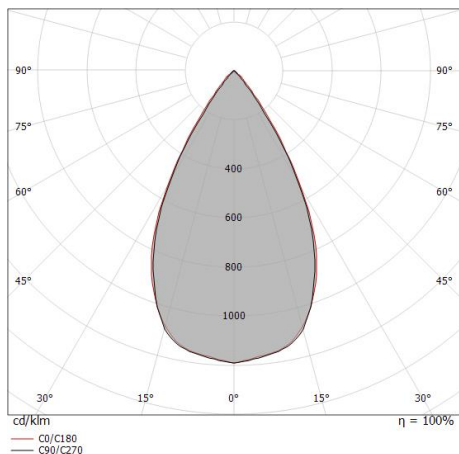
L70 B10 C0 296960h (at Tj 65 Ta 25)

UGR

UGR axial	14.1
UGR transversal	15
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

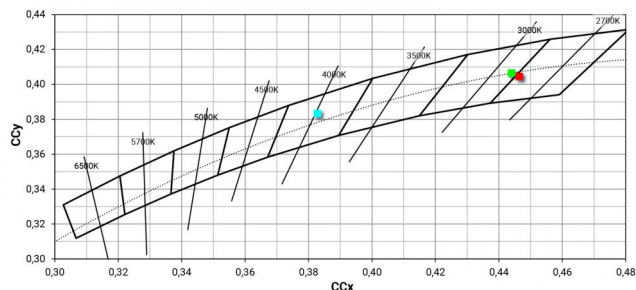
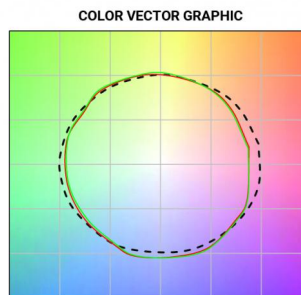
OPTICAL

C0/C180 optics	57°
Light distribution simmetry	Symmetrical



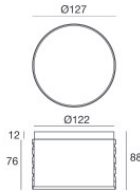
Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.55 0.55	E(0°) 5443 E(C90) 1848 E(C0) 1830
1.0	1.09 1.11	E(0°) 1361 E(C90) 462 E(C0) 457
1.5	1.64 1.66	E(0°) 605 E(C90) 205 E(C0) 203
2.0	2.18 2.22	E(0°) 340 E(C90) 115 E(C0) 114
2.5	2.73 2.77	E(0°) 218 E(C90) 74 E(C0) 73
3.0	3.27 3.33	E(0°) 151 E(C90) 51 E(C0) 51

— C0/C180 (Half-peak divergence: 58.0°)
— C90/C270 (Half-peak divergence: 57.2°)





Orma_FJ | Uplights | Accessories
82691N60



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