



Uplights | 1 x powerLED 5 W DC 24 V | CRI 80 | Base 82664N15

Single emission uplights for outdoor application. The natural white LED light source with a spot light distribution is composed of 1 powerLEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 529 lm, with a 105.8 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 0.2 kg.

The total absorbed power is 5 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 83038(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)	74 %
Source lumens	529 lm
Delivered lumens	392 lm
Consumption	5 W
Luminaire efficacy	78 lm/W
Colour temperature	4000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	80 Ra

Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	40°C

LED Life / Failure Ratio

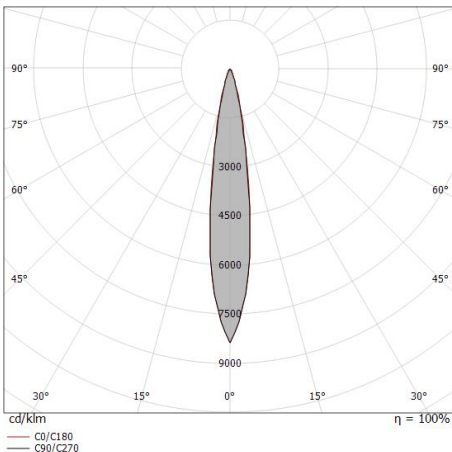
L70 B10 C0 247450h (at Tj 60 Ta 25)

UGR

UGR axial	9.6
UGR transversal	10.3
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	16°
Light distribution simmetry	Symmetrical

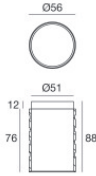


Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.14 0.14	E(0°) 13126 E(C90) 8.1° 6429 E(C0) 8.2° 6429
1.0	0.28 0.29	E(0°) 3281 E(C90) 8.1° 1607 E(C0) 8.2° 1607
1.5	0.43 0.43	E(0°) 1458 E(C90) 8.1° 714 E(C0) 8.2° 714
2.0	0.57 0.58	E(0°) 820 E(C90) 8.1° 402 E(C0) 8.2° 402
2.5	0.71 0.72	E(0°) 525 E(C90) 8.1° 257 E(C0) 8.2° 257
3.0	0.85 0.86	E(0°) 365 E(C90) 8.1° 179 E(C0) 8.2° 179

Distance [m] Cone diameter [m] illuminance [lx]
 — C0/C180 (Half-peak divergence: 16.4°)
 — C90/C270 (Half-peak divergence: 16.2°)



Orma_FJ | Uplights | Accessories
82664N15



Outer casing

installation position: floor, land; type of installation: masonry L=56mm, H=88mm, D=56mm.

Material:ABS Plastic, colour:black.

Code

99922



Outer casing

installation position: floor, land; type of installation: masonry L=97mm, H=88mm, D=97mm.

Material:ABS Plastic, colour:black.

Code

83038