

Uplights | 1 arrayLED 13 W DC 24 V | CRI 80 | Base 82526M15

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 99652(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)	72 %
Source lumens	1724 lm
Delivered lumens	1245 lm
Consumption	13 W
Luminaire efficacy	95 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

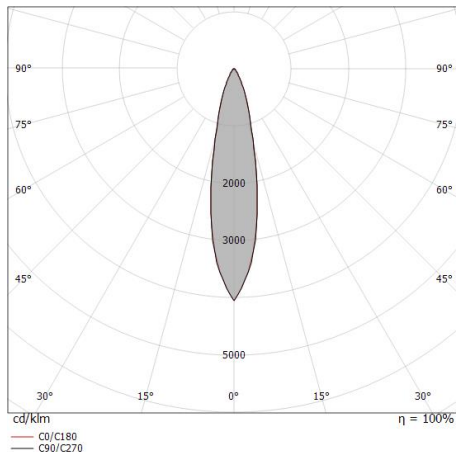
L70 B10 C0 296960h (at Tj 65 Ta 25)

UGR

UGR axial	15.5
UGR transversal	14.9
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	22°
Light distribution simmetry	Symmetrical

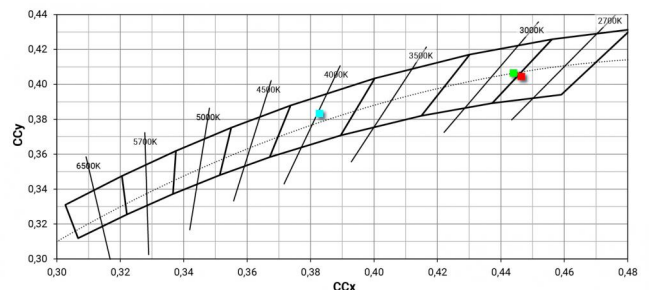


Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)
0.5	0.20 0.20	20141	11.3° 9522	11.2° 9607
1.0	0.40 0.40	5035	11.3° 2381	11.2° 2402
1.5	0.60 0.59	2238	11.3° 1058	11.2° 1067
2.0	0.80 0.79	1259	11.3° 595	11.2° 600
2.5	1.00 0.99	806	11.3° 381	11.2° 384
3.0	1.20 1.19	559	11.3° 265	11.2° 267

Distance [m] Cone diameter [m] Illuminance [lx]

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

COLOR VECTOR GRAPHIC





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82526M15



Outer casing

installation position: floor, land; type of installation: masonry L=154mm, H=76mm,
D=154mm.

Material:ABS Plastic, colour:black.

Code

99652