





## Uplights | 1 arrayLED 13 W DC 24 V | CRI 80 82691M60

Single emission uplights for outdoor application. The super warm white LED light source with a wide flood light distribution is composed of 1 arrayed LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 1876 lm, with a 144.3 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.

### Energieeffizienzklasse

ieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse E.

### Illuminotechnical Eigenschaften

Light Output Ratio (LOR)	61 %
Lichtstrom (Lichtquelle)	1876 lm
Leuchten Lichtstrom	1155 lm
Consumption	13 W
Leuchten Lichtausbeute	88 lm/W
Farbtemperatur	2700 K
Standard Deviation of Colour Matching	2 Step MacAdam
Farbwiedergabeindex	80 Ra
Standardumgebungstemperatur	-20 / +50°C
Typische Temperatur am Glas	40°C

### LED Life / Failure Ratio

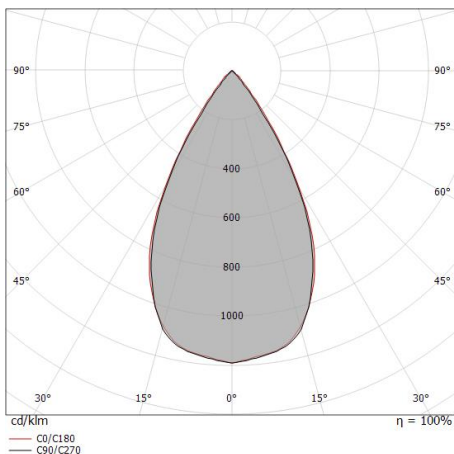
L70 B10 C0 296960h (at Tj 65 Ta 25 )

### UGR

UGR axial	13.8
UGR transversal	14.7
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

Optik C0/C180	57°
Light distribution simmetry	Symmetrical

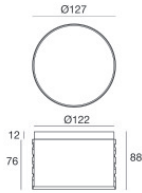


Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.55 0.55	E(0°) 5061 E(C90) 1718 E(C0) 1701
1.0	1.09 1.11	E(0°) 1265 E(C90) 429 E(C0) 425
1.5	1.64 1.66	E(0°) 562 E(C90) 191 E(C0) 189
2.0	2.18 2.22	E(0°) 316 E(C90) 107 E(C0) 106
2.5	2.73 2.77	E(0°) 202 E(C90) 69 E(C0) 68
3.0	3.27 3.33	E(0°) 141 E(C90) 48 E(C0) 47

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



Orma\_FJ | Uplights | Accessories  
**82691M60**



Einbaugehäuse

installationsposition: boden; typ installation: mauerwerk L=127mm, H=88mm, D=127mm.

Material:Kunststoff ABS, farbe:Schwarz.

**Code**

99924



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installationsposition: boden; typ installation: mauerwerk L=127mm, H=88mm, D=127mm.

Material:Kunststoff ABS, farbe:Schwarz.

**Code**

83040