





## Uplights | 1 arrayLED 12 W DC 350 mA | CRI 80 82689W30

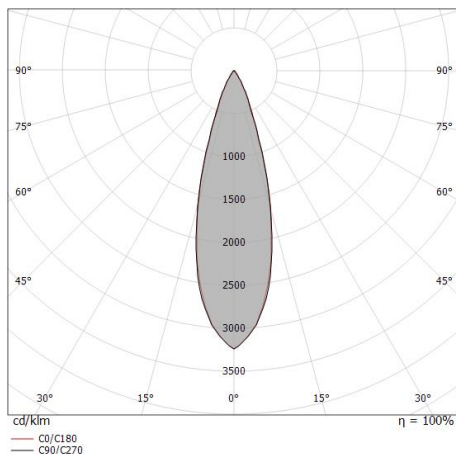
Single emission uplights for outdoor application. The warm white LED light source is composed of 1 arrayed LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 1724 lm, with a 143.7 lm/W nominal luminous efficacy.

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 power supply driver is not provided and is to be ordered separately.

The total absorbed power is 12 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.



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.27 0.27	E(0°) 15609 E(C90) 7035 E(C0) 7099
1.0	0.54 0.53	E(0°) 3902 E(C90) 1759 E(C0) 1775
1.5	0.81 0.80	E(0°) 1734 E(C90) 782 E(C0) 789
2.0	1.08 1.06	E(0°) 976 E(C90) 440 E(C0) 444
2.5	1.35 1.33	E(0°) 624 E(C90) 281 E(C0) 284
3.0	1.62 1.60	E(0°) 434 E(C90) 195 E(C0) 197

— C0/C180 (Half-peak divergence: 29.8°)  
— C90/C270 (Half-peak divergence: 30.2°)

### Energieeffizienzklasse

ieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse E.

### Illuminotechnical Eigenschaften

Light Output Ratio (LOR)	69 %
Lichtstrom (Lichtquelle)	1724 lm
Leuchten Lichtstrom	1203 lm
Consumption	12 W
Leuchten Lichtausbeute	100 lm/W
Farbtemperatur	3000 K
Standard Deviation of Colour Matching	2 Step MacAdam
Farbwiedergabeindex	80 Ra
Gamut Area Index	55 GAI
Colour Rendering Index	10 R9
IES TM-30 Rf	83
IES TM-30 Rg	96
Black Body Locus	On
Standardumgebungstemperatur	-20 / +50°C
Typische Temperatur am Glas	40°C

### LED Life / Failure Ratio

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

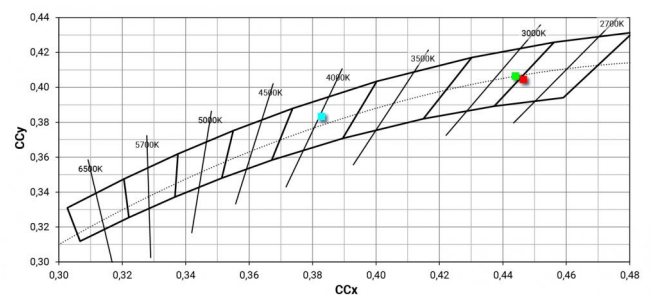
### UGR

UGR axial	8.7
UGR transversal	9.2
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

Optik C0/C180	30°
Light distribution simmetry	Symmetrical

### COLOR VECTOR GRAPHIC





Orma\_FJ | Uplights | Accessories  
**82689W30**



Einbaugehäuse

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

Material:Kunststoff ABS, farbe:Schwarz.

**Code**

99924



Einbaugehäuse

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

Material:Kunststoff ABS, farbe:Schwarz.

**Code**

83040