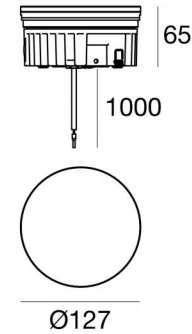




Uplights | 1 arrayLED 13 W DC 24 V | CRI 80  
82686M30



Technical data	
Type	Walk Over
Installation position	Floor
Installation environment	Outdoor
Light Source	LED
Circuit structure	arrayLED
Optics	Medium Flood
Light emission direction	upward
Nominal power	13 W DC
Source lumens	1724 lm
Input voltage range	24 V
CCT / Tone	2700 K
Colour rendering index	80 Ra
C.C. / C.V.	CV
Safety class	3
IP	IP68
Installation limitations	Not for underwater use
IK	IK10
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	No
C.V. - C.C. Converter	Converter 24V included
Dimmable article	No
Directional	No
Tilting	No
Walk-over	Yes
Drive-over	No
Cable included	Yes
Cable length	1 m
Resin potting	Yes
Type of light emission	Single emission
Net weight	0.9 Kg
Electrostatic discharge protection	No
Surge protection	No
Product technological characteristics	Acquastop

#### Finishing casing

Material	Die-cast Aluminium EN AB - 46100
Colour	black
Processing	Open pore anodizing + Powder Coating

#### Finishing diffuser

Material	Extra clear glass - Tempered
Colour	transparent
Processing	Silk-screening

#### Electronics



89179  
On/Off Driver 198~264V AC 24 W (1 art.)



89359  
On/Off Driver 198~264V AC / 180~275V DC 48 W (1 - 3 art.)



99331  
On/Off Driver 198~264V AC / 176~275V DC 150 W (1 art.)



99660  
DALI - 1-10V Controller 24V DC 216 W (1 art.)



C-E500023  
DALI - 1-10V - Push and Simply Dim Controller 8~53V DC 576 W (1 art.)

#### Cables Electrification

Cable connector	No
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## Uplights | 1 arrayLED 13 W DC 24 V | CRI 80 | Base 82686M30

Single emission uplights for outdoor application. The super warm white LED light source with a medium flood 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 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 E.

### Illuminotechnical Features

Light Output Ratio (LOR)	79 %
Source lumens	1724 lm
Delivered lumens	1366 lm
Consumption	13 W
Luminaire efficacy	105 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

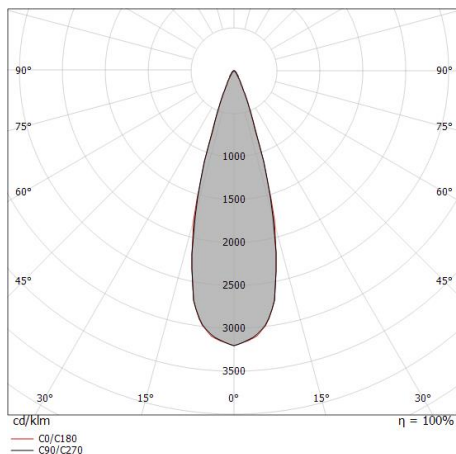
L70 B10 C0 296960h (at Tj 65 Ta 25 )

### UGR

UGR axial	11
UGR transversal	10.9
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

C0/C180 optics	31°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.28 / 0.28	E(0°) 17504 E(C90) 7891 E(C0) 7838
1.0	0.56 / 0.57	E(0°) 4376 E(C90) 1973 E(C0) 1960
1.5	0.84 / 0.85	E(0°) 1945 E(C90) 877 E(C0) 871
2.0	1.12 / 1.13	E(0°) 1094 E(C90) 493 E(C0) 490
2.5	1.40 / 1.41	E(0°) 700 E(C90) 316 E(C0) 314
3.0	1.68 / 1.70	E(0°) 486 E(C90) 219 E(C0) 218

— C0/C180 (Half-peak divergence: 31.6°)  
— C90/C270 (Half-peak divergence: 31.2°)

### COLOR VECTOR GRAPHIC





Orma\_F | Uplights | Accessories  
**82686M30**



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