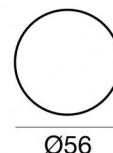
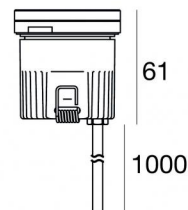


Uplights | 1 x powerLED 5 W DC 24 V | CRI 80  
82660M15



Technical data	
Type	Walk Over
Installation position	Floor
Installation environment	Outdoor
Light Source	LED
Circuit structure	powerLED
Optics	Spot
Light emission direction	upward
Nominal power	5 W DC
Source lumens	490 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	2000 Kg
Cable included	Yes
Cable length	1 m
Resin potting	Yes
Type of light emission	Single emission
Net weight	0.2 Kg
Electrostatic discharge protection	No
Surge protection	No
Product technological characteristics	Acquastop - TVS

#### 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



89488  
On/Off Driver 190~250V AC / 180~275V DC 15 W (1 - 3 art.)



89179  
On/Off Driver 198~264V AC 24 W (1 - 4 art.)



89359  
On/Off Driver 198~264V AC / 180~275V DC 48 W (1 - 9 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.)



## Uplights | 1 x powerLED 5 W DC 24 V | CRI 80 | Base 82660M15

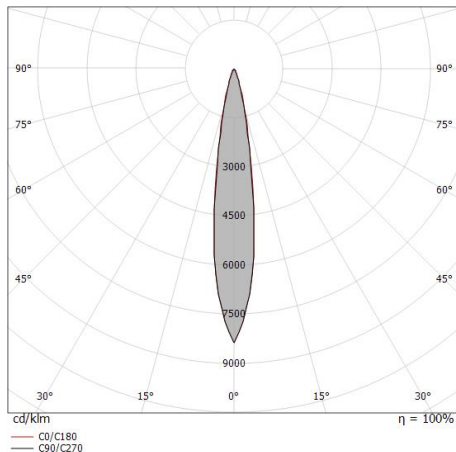
Single emission uplights for outdoor application. The super warm white LED light source with a spot light distribution is composed of 1 powered LED with CCT of 2700 K and a CRI 80; the source luminous flux is 490 lm, with a 98.0 lm/W nominal luminous efficacy.

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.



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.14 0.14	E(0°) 12160 E(C90) 8.1° 5956 E(C0) 8.2° 5956
1.0	0.28 0.29	E(0°) 3040 E(C90) 8.1° 1489 E(C0) 8.2° 1489
1.5	0.43 0.43	E(0°) 1351 E(C90) 8.1° 662 E(C0) 8.2° 662
2.0	0.57 0.58	E(0°) 760 E(C90) 8.1° 372 E(C0) 8.2° 372
2.5	0.71 0.72	E(0°) 486 E(C90) 8.1° 238 E(C0) 8.2° 238
3.0	0.85 0.86	E(0°) 338 E(C90) 8.1° 165 E(C0) 8.2° 165

— C0/C180 (Half-peak divergence: 16.4°)  
— C90/C270 (Half-peak divergence: 16.2°)

### Energy efficiency class

This product contains a light source of energy efficiency class E.

### Illuminotechnical Features

Light Output Ratio (LOR)	74 %
Source lumens	490 lm
Delivered lumens	363 lm
Consumption	5 W
Luminaire efficacy	72 lm/W
Colour temperature	2700 K
Standard Deviation of Colour Matching	3 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

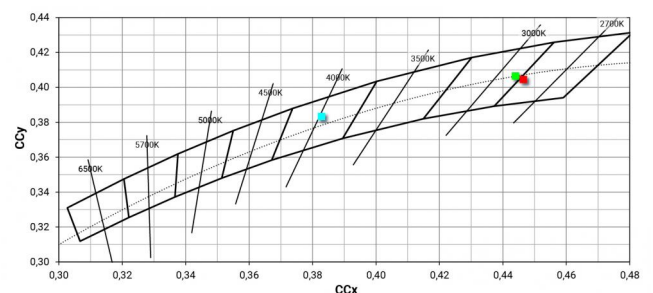
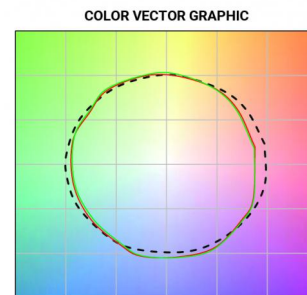
L70 B10 C0 247450h (at Tj 60 Ta 25 )

### UGR

UGR axial	9.4
UGR transversal	10
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

C0/C180 optics	16°
Light distribution simmetry	Symmetrical





Orma\_F | Uplights | Accessories  
**82660M15**



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