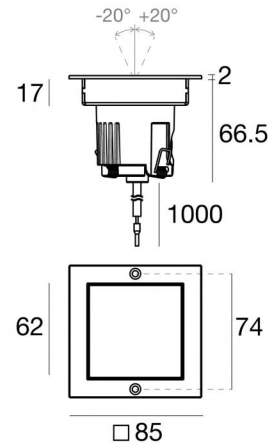


Uplights | 1 arrayLED 4 W DC 350 mA | CRI 80  
77296M15



Technical data	
Type	Walk Over
Installation position	Floor
Installation environment	Outdoor
Light Source	LED
Circuit structure	arrayLED
Optics	Spot
Light emission direction	upward
Nominal power	4 W DC
Source lumens	596 lm
Input voltage range	350mA
CCT / Tone	2700 K
Colour rendering index	80 Ra
C.C. / C.V.	CC
Safety class	3
IP	IP67
IK	IK10
Glow wire test	850°
Direct mounting on normally flammable surfaces	Yes
CE	Yes
Driver included	No
Dimmable article	DALI - 1-10V
Directional	No
Tilting	Yes
total angle (vertical plane)	40 °
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	0.45 Kg
Electrostatic discharge protection	No
Surge protection	No
Optics technology	Honey comb
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

#### Finishing flange

Material	AISI 316 steel
Colour	steel
Processing	Brushing

#### Electronics



89421  
On/Off Driver 198~264V AC / 176~275V DC (1 art.)



C-E200006  
On/Off Driver 198~264V AC / 180~275V DC (1 - 3 art.)

#### Cables Electrification

Cable connector	No
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## Uplights | 1 arrayLED 4 W DC 350 mA | CRI 80 | Base 77296M15

Single emission uplights for outdoor application. The super warm white LED light source with a spot light distribution is composed of 1 arrayled LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 596 lm, with a 149.0 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 IP67; the total weight is of 0.45 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 4 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 83411 (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 F.

### Illuminotechnical Features

Light Output Ratio (LOR)	47 %
Source lumens	596 lm
Delivered lumens	285 lm
Consumption	4 W
Luminaire efficacy	71 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	50°C

### LED Life / Failure Ratio

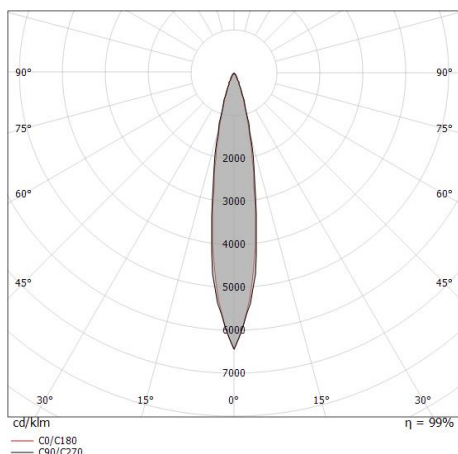
L70 B10 C0 130200h

### UGR

UGR axial	5.5
UGR transversal	5.6
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

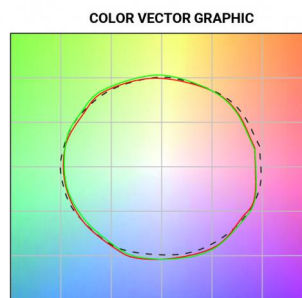
C0/C180 optics	18°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.15	E(0°) 7340 E(C90) 9.2° 3574 E(C0) 8.8° 3554
1.0	0.32	E(0°) 1835 E(C90) 9.2° 894 E(C0) 8.8° 889
1.5	0.49	E(0°) 816 E(C90) 9.2° 397 E(C0) 8.8° 395
2.0	0.65	E(0°) 459 E(C90) 9.2° 223 E(C0) 8.8° 222
2.5	0.81	E(0°) 294 E(C90) 9.2° 143 E(C0) 8.8° 142
3.0	0.97	E(0°) 204 E(C90) 9.2° 99 E(C0) 8.8° 99

Distance [m] Cone diameter [m] illuminance [lx]

— C0/C180 (Half-peak divergence: 17.6°)  
— C90/C270 (Half-peak divergence: 18.4°)





Orma\_QJ | Uplights | Accessories  
**77296M15**



Outer casing

installation position: floor, land; type of installation: masonry L=97mm, H=93mm, D=97mm.

Material:ABS Plastic, colour:black.

**Code**

83411