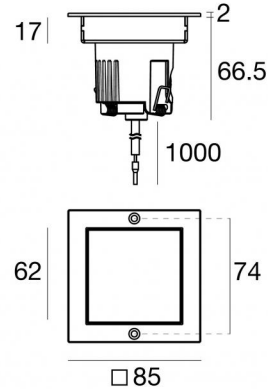




Uplights | 1 arrayLED 5 W DC 24 V | CRI 80
77290M30



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	5 W DC
Source lumens	596 lm
Input voltage range	24 V
CCT / Tone	2700 K
Colour rendering index	80 Ra
C.C. / C.V.	CV
Safety class	3
IP	IP67
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	DALI - 1-10V
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	0.45 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


Finishing flange


Material	AISI 316 steel
Colour	steel
Processing	Brushing

Electronics


 89488
On/Off Driver 190~250V AC / 180~275V DC 15 W (1 - 2 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 - 30 art.)

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

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

Cables Electrification

Cable connector	No
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Uplights | 1 arrayLED 5 W DC 24 V | CRI 80 | Base 77290M30

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 596 lm, with a 119.2 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 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 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)	50 %
Source lumens	596 lm
Delivered lumens	299 lm
Consumption	5 W
Luminaire efficacy	59 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

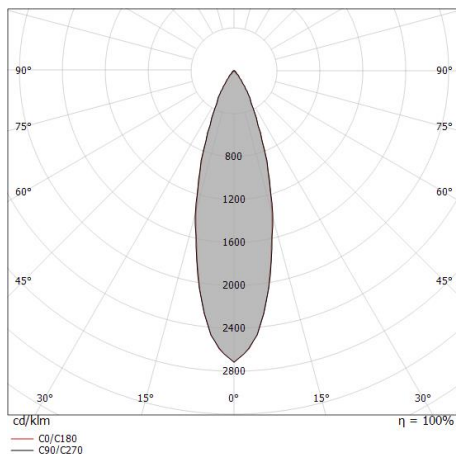
L70 B10 C0 130200h

UGR

UGR axial	14.5
UGR transversal	14.6
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	30°
Light distribution simmetry	Symmetrical



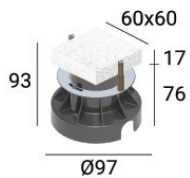
Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.27 0.27	E(0°) 3241 E(C90) 1465 E(C0) 1470
1.0	0.54 0.54	E(0°) 810 E(C90) 366 E(C0) 368
1.5	0.82 0.81	E(0°) 360 E(C90) 163 E(C0) 163
2.0	1.09 1.08	E(0°) 203 E(C90) 92 E(C0) 92
2.5	1.36 1.35	E(0°) 130 E(C90) 59 E(C0) 59
3.0	1.63 1.62	E(0°) 90 E(C90) 41 E(C0) 41

— C0/C180 (Half-peak divergence: 30.2°)
— C90/C270 (Half-peak divergence: 30.4°)





Orma_Q | Uplights | Accessories
77290M30



Outer casing

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

Material:ABS Plastic, colour:black.

Code

83411