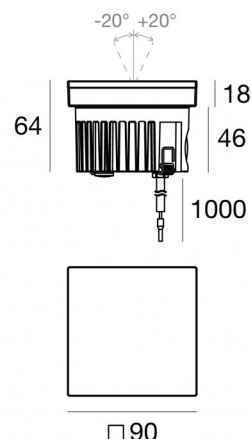




Uplights | 1 arrayLED 9 W DC 24 V | CRI 80
77321M30



Technical data	
Type	Walk Over
Installation position	Floor
Installation environment	Outdoor
Light Source	LED
Circuit structure	arrayLED
Optics	Flood
Light emission direction	upward
Nominal power	9 W DC
Source lumens	1080 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	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	0.65 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


Electronics

 89179
On/Off Driver 198-264V AC 24 W (1 - 2 art.)

 89359
On/Off Driver 198-264V AC / 180-275V DC 48 W (1 - 5 art.)

 99331
On/Off Driver 198-264V AC / 176-275V DC 150 W (1 - 16 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



Uplights | 1 arrayLED 9 W DC 24 V | CRI 80 | Base
77321M30

Single emission uplights for outdoor application. The super warm white LED light source with a flood light distribution is composed of 1 arrayed LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 1080 lm, with a 120.0 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 0.65 kg.

The total absorbed power is 9 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 C-C100003(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)	56 %
Source lumens	1080 lm
Delivered lumens	614 lm
Consumption	9 W
Luminaire efficacy	68 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	50°C

LED Life / Failure Ratio

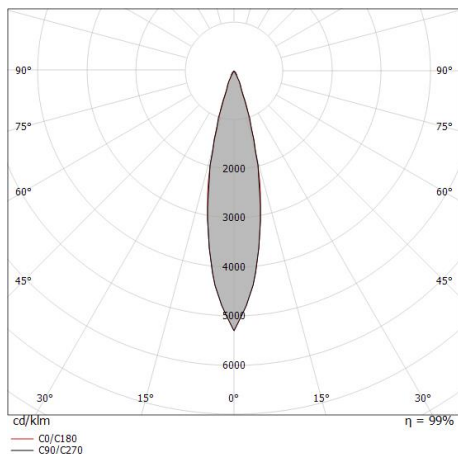
L70 B10 C0 252000h (at Tj 65 Ta 25)

UGR

UGR axial	7.3
UGR transversal	7.2
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	23°
Light distribution simmetry	Symmetrical



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.20 0.21	E(0°) 13029 E(C90) 6180 E(C0) 6169
1.0	0.41 0.41	E(0°) 3257 E(C90) 1545 E(C0) 1542
1.5	0.61 0.62	E(0°) 1448 E(C90) 687 E(C0) 685
2.0	0.81 0.82	E(0°) 814 E(C90) 386 E(C0) 386
2.5	1.02 1.03	E(0°) 521 E(C90) 247 E(C0) 247
3.0	1.22 1.23	E(0°) 362 E(C90) 172 E(C0) 171

— C0/C180 (Half-peak divergence: 23.2°)
— C90/C270 (Half-peak divergence: 23.0°)

COLOR VECTOR GRAPHIC



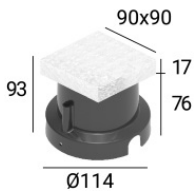


Orma_QFJ | Uplights | Accessories
77321M30



Tool - Suction cup for product extraction
Material:plastic, colour:orange, processing:Coating.

Code
83235



Outer casing
installation position: floor, land; type of installation: masonry L=114mm, H=93mm,
D=114mm.
Material:ABS Plastic, colour:black.

Code
C-C100003