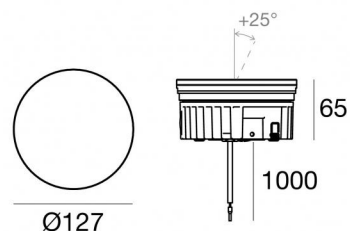




Uplights | 1 arrayLED 13 W DC 24 V | CRI 80
82691M60



Technical data	
Type	Walk Over
Installation position	Floor
Installation environment	Outdoor
Light Source	LED
Circuit structure	arrayLED
Optics	Wide Flood
Light emission direction	upward
Nominal power	13 W DC
Source lumens	1876 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	Yes
total angle (vertical plane)	25 °
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.)



83042
1-10V - Push and Simply Dim - DALI-2 Controller (1 art.)



Uplights | 1 arrayLED 13 W DC 24 V | CRI 80 | Base 82691M60

Single emission uplights for outdoor application. The super warm white LED light source with a wide flood light distribution is composed of 1 arrayed LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 1876 lm, with a 144.3 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)	61 %
Source lumens	1876 lm
Delivered lumens	1155 lm
Consumption	13 W
Luminaire efficacy	88 lm/W
Colour temperature	2700 K
Standard Deviation of Colour Matching	2 Step MacAdam
Colour rendering index	80 Ra
Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	40°C

LED Life / Failure Ratio

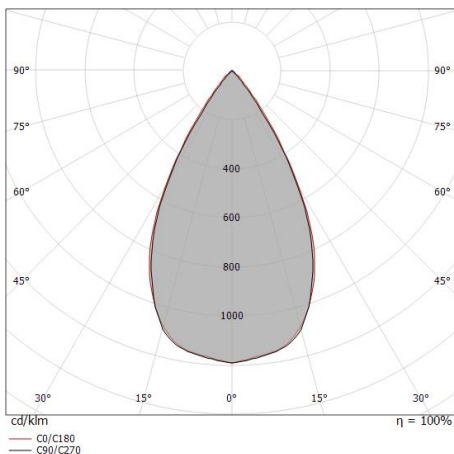
L70 B10 C0 296960h (at Tj 65 Ta 25)

UGR

UGR axial	13.8
UGR transversal	14.7
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	57°
Light distribution simmetry	Symmetrical

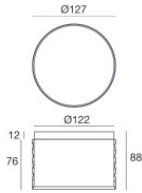


Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.55 0.55	E(0°) 5061 E(C90) 1718 E(C0) 1701
1.0	1.09 1.11	E(0°) 1265 E(C90) 429 E(C0) 425
1.5	1.64 1.66	E(0°) 562 E(C90) 191 E(C0) 189
2.0	2.18 2.22	E(0°) 316 E(C90) 107 E(C0) 106
2.5	2.73 2.77	E(0°) 202 E(C90) 69 E(C0) 68
3.0	3.27 3.33	E(0°) 141 E(C90) 48 E(C0) 47

— C0/C180 (Half-peak divergence: 58.0°)
— C90/C270 (Half-peak divergence: 57.2°)



Orma_FJ | Uplights | Accessories
82691M60



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