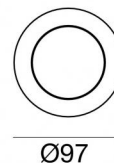
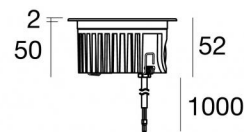




Uplights | 1 arrayLED 8 W DC 220 mA | CRI 80
80590M60



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	8 W DC
Source lumens	1132 lm
Input voltage range	220mA
CCT / Tone	2700 K
Colour rendering index	80 Ra
C.C. / C.V.	CC
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
Dimmable article	DALI - 1-10V
Directional	No
Tilting	No
Walk-over	Yes
Drive-over	No
Cable included	Yes
Cable length	1 m
Resin potting	Yes
Type of light emission	Single emission
Net weight	0.5 Kg
Electrostatic discharge protection	No
Surge protection	No
Optics technology	Dark light
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

Finishing flange

Material	AISI 316L steel
Colour	steel
Processing	Brushing

Electronics



99342
On/Off Driver 198-264V AC

Uplights | 1 arrayLED 8 W DC 220 mA | CRI 80 | Base 80590M60

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 1132 lm, with a 141.5 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 0.5 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 8 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 99651 (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)	47 %
Source lumens	1132 lm
Delivered lumens	538 lm
Consumption	8 W
Luminaire efficacy	67 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

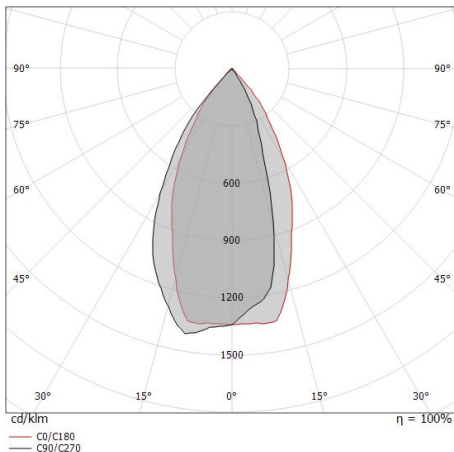
Ordinary temperature on the glass 40°C

LED Life / Failure Ratio

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

OPTICAL

C0/C180 optics	53°
Light distribution symmetry	Asymmetrical

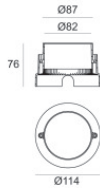


Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.50	E(0°) 2780 E(C0) 999
1.0	1.00	E(0°) 695 E(C0) 250
1.5	1.50	E(0°) 309 E(C0) 111
2.0	2.00	E(0°) 174 E(C0) 62
2.5	2.50	E(0°) 111 E(C0) 40
3.0	3.00	E(0°) 77 E(C0) 28

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0/C180 (Half-peak divergence: 53.2°)



Orma_I | Uplights | Accessories
80590M60



Outer casing

installation position: floor, land; type of installation: masonry L=114mm, H=76mm,
D=114mm.

Material:ABS Plastic, colour:black.

Code

99651