Orma_A

Uplights | 1 arrayLED 12 W DC 350 mA | CRI 80
81194W15

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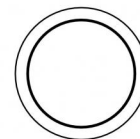
Ø125

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	12 W DC
Source lumens	1724 lm
Input voltage range	350mA
CCT / Tone	3000 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	0.9 Kg
Electrostatic discharge protection	No
Surge protection	No
Optics technology	Honey comb
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

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

Cables Electrification

Cable connector	No

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Uplights | 1 arrayLED 12 W DC 350 mA | CRI 80 | Base
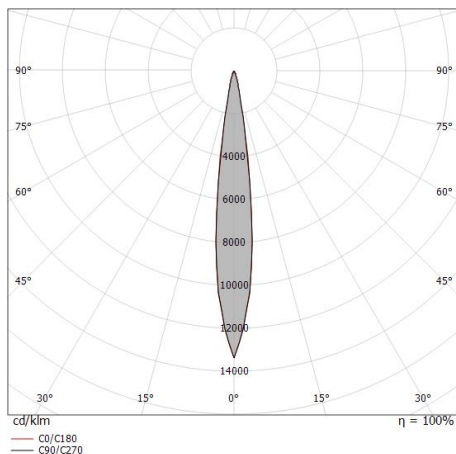**81194W15**

Single emission uplights for outdoor application. The warm white LED light source with a spot light distribution is composed of 1 arrayled LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 1724 lm, with a 143.7 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 power supply driver is not provided and is to be ordered separately.

The total absorbed power is 12 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 99857(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)	67 %
Source lumens	1724 lm
Delivered lumens	1156 lm
Consumption	12 W
Luminaire efficacy	96 lm/W
Colour temperature	3000 K
Standard Deviation of Colour Matching	2 Step MacAdam
Colour rendering index	80 Ra
Gamut Area Index	55 GAI
Colour Rendering Index	10 R9
IES TM-30 Rf	83
IES TM-30 Rg	96
Black Body Locus	On
Standard Operating Ambient Temperature	-20 / +50°C
Ordinary temperature on the glass	40°C

LED Life / Failure Ratio
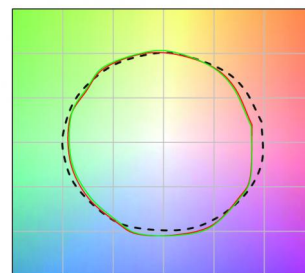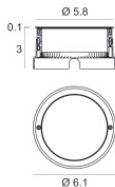
L70 B10 C0 296960h (at Tj 65 Ta 25)

UGR

UGR axial	8
UGR transversal	7.9
X=4H	Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	14°
Light distribution simmetry	Symmetrical

cd/klm
η = 100%
— C0/C180
— C90/C270

0.5	0.12	E(0°) E(C0)	6.9°	61794 30714
1.0	0.24	E(0°) E(C0)	6.9°	15449 7678
1.5	0.36	E(0°) E(C0)	6.9°	6866 3413
2.0	0.48	E(0°) E(C0)	6.9°	3862 1920
2.5	0.61	E(0°) E(C0)	6.9°	2472 1229
3.0	0.73	E(0°) E(C0)	6.9°	1717 853

Distance [m]   Cone diameter [m]   Illuminance [lx]
— C0/C180 (Half-peak divergence: 13.8°)

COLOR VECTOR GRAPHIC

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Orma_A | Uplights | Accessories
81194W15

		Finish	Code
Outer casing	installation position: floor, land; type of installation: masonry L=105mm, H=76mm, D=105mm. Material:AISI 316 steel, colour:steel.		99564
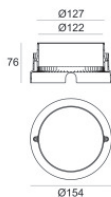
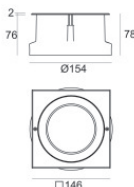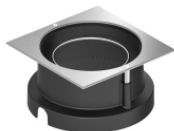|		Code
Outer casing	installation position: floor, land; type of installation: masonry L=154mm, H=76mm, D=154mm. Material:ABS Plastic, colour:black.	99652

		Finish	Code
Outer casing	installation position: floor, land; type of installation: masonry L=146mm, H=76mm, D=146mm. Material:AISI 316 steel, colour:steel.		99857

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