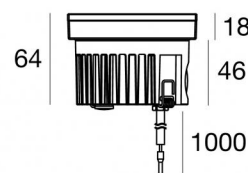


Uplights | 1 arrayLED 9 W DC 24 V | CRI 80
77311W60



□ 90

Technische Daten	
Typ	Begehbar
Installationsposition	Boden
Installationsumgebung	Outdoor
Lichtquelle	LED
Circuit structure	arrayLED
Optik	Wide Flood
Light emission direction	upward
Lampe Nennleistung	9 W DC
Lichtstrom (Lichtquelle)	1344 lm
Eingangsspannungsbereich	500mA
Ähnlichste Farbtemperatur / Tone	3000 K
Farbwiedergabeindex	80 Ra
Gleichstrom/Gleichspannung	CV
Isolierklasse	3
IP	IP67
IK	IK10
Glühdrahtprüfung	850°
Direkte Montage auf normal entflammaren Oberflächen	Ja
CE	Ja
Einschließlich Driver	Nein
C.V. - C.C. Converter	24 V Konverter enthalten
Leuchte dimmbar	Ja
Schwenkbarkeit	Nein
Drehbarkeit	Nein
Begehmbarkeit	Ja
Überrollbarkeit	2000 Kg
Einschließlich Kabel	Ja
Kabellänge	1 m
Harzbeschichtung	Ja
Einbautiefe	64 mm
Typ Lichtabstrahlung	Einflammig
Nettogewicht	0.65 Kg
Schutz vor elektrostatischen Entladungen	Nein
Schutz vor Stoßspannungen	Nein
Technische Merkmale des Produkts	Acquastop - TVS

Oberfläche Oberfläche Gehäuse

Material	Stranggepresstes Aluminium EN AB - 46100
Farbe	Matt black (R9005)
Bearbeitungstyp	Offenporige Anodisierung + Pulverlackierung

Oberfläche Oberfläche diffusor

Material	Extra-helles Glas - Gehärtet
Farbe	transparent
Bearbeitungstyp	Siebdruck

Elektronik



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



89359
On/Off Driver 198~264V AC / V DC (1 - 5 art.)



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



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



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

Cables Electrification

Cable connector	No connector - Neoprene 2x0.5mm ²
-----------------	--

Uplights | 1 arrayLED 9 W DC 24 V | CRI 80
77311W60

Single emission uplights for outdoor application. The warm white LED light source with a wide flood light distribution is composed of 1 arrayed LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 1344 lm, with a 149.3 lm/W nominal luminous efficacy.

Product suitable for installations in coastal areas with high salinity and strong exposure to atmospheric agents.

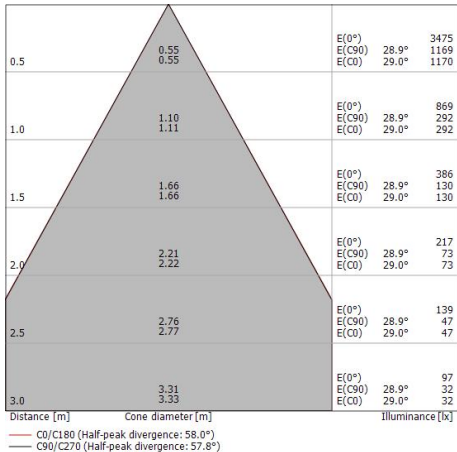
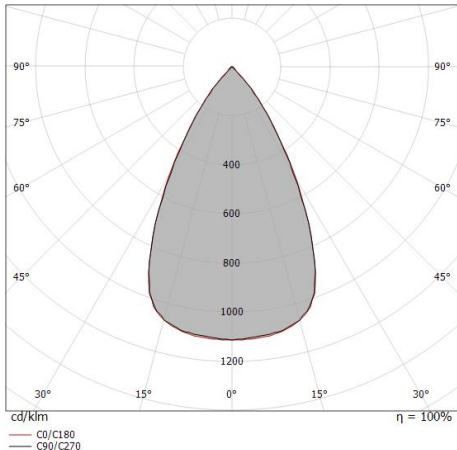
The device body is made of die-cast aluminium en ab - 46100 and features a matt black (r9005) finish, processed by means of open pore anodizing + powder coating; the diffuser is made of extra clear glass - tempered with a silk-screening treatment. Surface treatment of the product body through aluminum chemical conversion, followed by polyester powder coating, using exclusively coatings compliant with the Qualicoat standard.

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.



Energieeffizienzklasse

Dieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse D.

Illuminotechnical Eigenschaften

Light Output Ratio (LOR)	58 %
Lichtstrom (Lichtquelle)	1344 lm
Leuchten Lichtstrom	780 lm
Consumption	9 W
Leuchten Lichtausbeute	86 lm/W
Farbtemperatur	3000 K
Standard Deviation of Colour Matching	2 Step MacAdam
Farbwiedergabeindex	80 Ra
Standardumgebungstemperatur	-20 / +50°C
Typische Temperatur am Glas	50°C

LED Life / Failure Ratio

L70 B10 C0 231262h (at Tj 65 Ta 25)

L80 B10 C0 144799h (at Tj 65 Ta 25)

L90 B10 C0 68534h (at Tj 65 Ta 25)

UGR

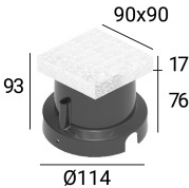
UGR axial	16
UGR transversal	16.1
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Optik C0/C180	58°
Light distribution simmetry	Symmetrical

Orma_QF | Uplights | Accessories
77311W60

	Werkzeug - Saugnapf zur Produktextraktion	Code
	Material:Kunststoff, farbe:Orange, bearbeitungstyp :Lackierung.	83235

	Einbaugehäuse	Code
	installationsposition: boden; typ installation: mauerwerk L=114mm, H=93mm, D=114mm. Material:Kunststoff ABS, farbe:Black.	C-C100003