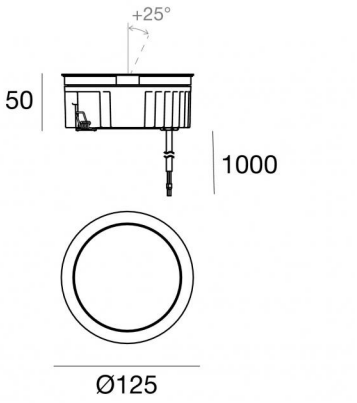
Uplights | 1 arrayLED 13 W DC 24 V | CRI 80

81210M15







Technische Daten	
Typ	Begehbar
Installationsposition	Boden
Installationsumgebung	Outdoor
Lichtquelle	LED
Circuit structure	arrayLED
Optik	Spot
Light emission direction	upward
Lampe Nennleistung	13 W DC
Lichtstrom (Lichtquelle)	1913 lm
Eingangsspannungsbereich	700mA
Ähnlichste Farbtemperatur / Tone	2700 K
Farbwiedergabeindex	80 Ra
Gleichstrom/Gleichspannung	CV
Isolierklasse	3
IP	IP68
Installationsbeschränkung	Nicht für Einsatz unter Wasser
IK	IK10
Glühdrahtprüfung	850°
Direkte Montage auf normal entflammbaren Oberflächen	Ja
CE	Ja
Einschließlich Driver	Nein
C.V. - C.C. Converter	24 V Konverter enthalten
Leuchte dimmbar	Nein
Schwenkbarkeit	Nein
Drehbarkeit	Ja
Gesamtwinkel (vertikale Ebene)	25 °
Begehbarkeit	Ja
Überrollbarkeit	Nein
Einschließlich Kabel	Ja
Kabellänge	1 m
Harzbeschichtung	Ja
Typ Lichtabstrahlung	Einflammig
Nettogewicht	0.9 Kg
Schutz vor elektrostatischen Entladungen	Nein
Schutz vor Stoßspannungen	Nein
Technische Merkmale des Produkts	Acquastop

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

Oberfläche Oberfläche flansch	
Material	Edelstahl AISI 316L
Farbe	Stahl
Bearbeitungstyp	Bürsten

Elektronik



89179
On/Off Driver 198~264V AC 24 W



89359
On/Off Driver 198~264V AC / V DC



99331
On/Off Driver 198~264V AC / 176~275V DC 150 W



99660
DALI - 1-10V Controller V DC



83042
1-10V - Push and Simply Dim - DALI-2 Controller

Cables Electrification	
Cable connector	No connector - Neoprene 2x0.5mm²

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Uplights | 1 arrayLED 13 W DC 24 V | CRI 80
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Single emission uplights for outdoor application. The super warm white LED light source with a spot light distribution is composed of 1 arrayled LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 1913 lm, with a 147.2 lm/W nominal luminous efficacy.

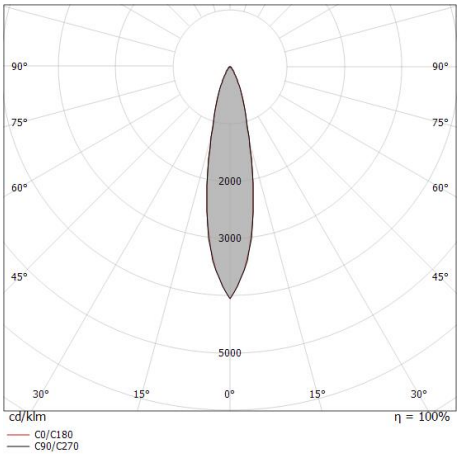
The device body is made of die-cast aluminium en ab - 46100 and features a matt black (r9005) finish, processed by means of open pore anodizing + powder coating; the diffuser is made of extra clear glass - tempered with a silk-screening treatment. Surface treatment of the product body through aluminum chemical conversion, followed by polyester powder coating, using exclusively coatings compliant with the Qualicoat standard.The product flange is made of steel, a material that ensures high robustness, superior mechanical strength and extended durability, guaranteeing maximum component reliability over time.

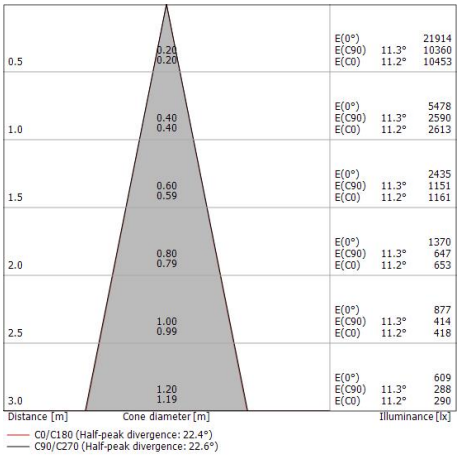
The ingress protection degree is IP68; the total weight is of 0.9 kg.

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 99857(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)	70 %
Lichtstrom (Lichtquelle)	1913 lm
Leuchten Lichtstrom	1354 lm
Consumption	13 W
Leuchten Lichtausbeute	104 lm/W
Farbtemperatur	2700 K
Standard Deviation of Colour Matching	2 Step MacAdam
Farbwiedergabeindex	80 Ra
Standardumgebungstemperatur	-20 / +50°C
Typische Temperatur am Glas	40°C

LED Life / Failure Ratio
L70 B10 C0 211958h (at Tj 65 Ta 25)
L80 B10 C0 132729h (at Tj 65 Ta 25)
L90 B10 C0 62845h (at Tj 65 Ta 25)

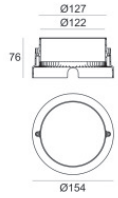
UGR	
UGR axial	15.8
UGR transversal	15.2
X=4H | Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL	
Optik C0/C180	22°
Light distribution simmetry	Symmetrical

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Orma_AJ | Uplights | Accessories
81210M15

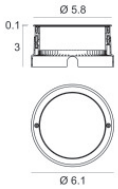




Einbaugehäuse
installationsposition: boden; typ installation: mauerwerk L=154mm, H=76mm, D=154mm.
Material:Kunststoff ABS, farbe:Black.

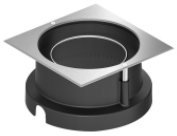
Code
99652

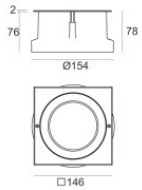




Einbaugehäuse
installationsposition: boden; typ installation: mauerwerk L=105mm, H=76mm, D=105mm.
Material:Edelstahl AISI 316, farbe:Stahl.

Code
99564





Einbaugehäuse
installationsposition: boden; typ installation: mauerwerk L=146mm, H=76mm, D=146mm.
Material:Edelstahl AISI 316, farbe:Stahl.

Code
99857

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