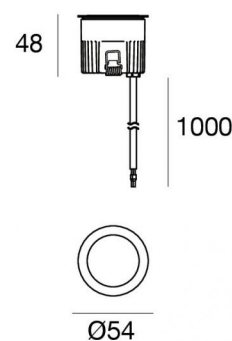


Uplights | 1 x powerLED 4 W DC 350 mA | CRI 80
81181M15



Technische Daten	
Typ	Begehrbar
Installationsposition	Boden
Installationsumgebung	Outdoor
Lichtquelle	LED
Circuit structure	powerLED
Optik	Spot
Light emission direction	upward
Lampe Nennleistung	4 W DC
Lichtstrom (Lichtquelle)	482 lm
Eingangsspannungsbereich	350mA
Ähnlichste Farbtemperatur / Tone	2700 K
Farbwiedergabeindex	80 Ra
Gleichstrom/Gleichspannung	CC
Isolierklasse	3
IP	IP68
Installationsbeschränkung	Nicht für Einsatz unter Wasser
IK	IK10
Glühdrahtprüfung	850°
Direkte Montage auf normal entflammaren Oberflächen	Ja
CE	Ja
Einschließlich Driver	Nein
Leuchte dimmbar	Ja
Schwenkbarkeit	Nein
Drehbarkeit	Nein
Begehrbarkeit	Ja
Überrollbarkeit	Nein
Einschließlich Kabel	Ja
Kabellänge	1 m
Harzbeschichtung	Ja
Typ Lichtabstrahlung	Einflammig
Nettogewicht	0.2 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

Oberfläche Oberfläche flansch

Material	Edelstahl AISI 316L
Farbe	Stahl
Bearbeitungstyp	Bürsten

Elektronik



89421
On/Off Driver 198-264V AC / 176-275V DC (1 art.)



C-E200004
Push and Simply Dim - DALI-2 Controller (1 - 3 art.)



C-E200006
On/Off Driver 198-264V AC / V DC (1 - 3 art.)

Cables Electrification

Cable connector	No connector - Neoprene 2x0.5mm²
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**Uplights | 1 x powerLED 4 W DC 350 mA | CRI 80
81181M15**

Single emission uplights for outdoor application. The super warm white LED light source with a spot light distribution is composed of 1 powered LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 482 lm, with a 120.5 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. 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 0.2 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 4 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 99855 (for concrete or masonry).

Compliant with the EN 60598-1 standard and its specific provisions.

Energieeffizienzklasse

Dieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse E.

Illuminotechnical Eigenschaften

Light Output Ratio (LOR)	63 %
Lichtstrom (Lichtquelle)	482 lm
Leuchten Lichtstrom	307 lm
Consumption	4 W
Leuchten Lichtausbeute	76 lm/W
Farbtemperatur	2700 K
Standard Deviation of Colour Matching	3 Step MacAdam
Farbwiedergabeindex	80 Ra
Black Body Locus	On
Standardumgebungstemperatur	-20 / +50°C
Typische Temperatur am Glas	40°C

LED Life / Failure Ratio

L70 B10 C0 716641h (at Tj 65 Ta 25)

L80 B10 C0 445035h (at Tj 65 Ta 25)

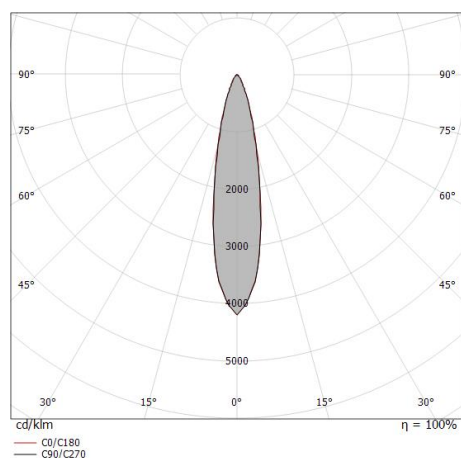
L90 B10 C0 205461h (at Tj 65 Ta 25)

UGR

UGR axial	15.6
UGR transversal	15.6
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Optik C0/C180	22°
Light distribution simmetry	Symmetrical

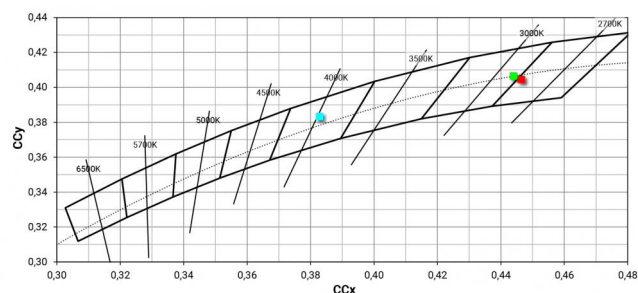
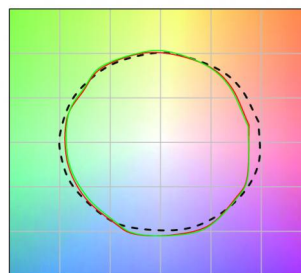


Distance [m]	Cone diameter [m]				Illuminance [lx]
0.5	0.19 0.20	E(0°) E(C90) E(C0)	11.0° 11.0° 11.1°	5143 2452 2434	
1.0	0.39 0.39	E(0°) E(C90) E(C0)	11.0° 11.0° 11.1°	1286 613 608	
1.5	0.58 0.59	E(0°) E(C90) E(C0)	11.0° 11.0° 11.1°	571 272 270	
2.0	0.78 0.78	E(0°) E(C90) E(C0)	11.0° 11.0° 11.1°	321 153 152	
2.5	0.97 0.98	E(0°) E(C90) E(C0)	11.0° 11.0° 11.1°	206 98 97	
3.0	1.17 1.18	E(0°) E(C90) E(C0)	11.0° 11.1° 11.1°	143 68 68	

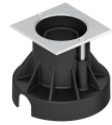
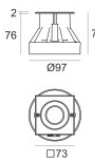
CD/C180 (Half-peak divergence: 22.2°)

C90/C270 (Half-peak divergence: 22.0°)

— C0/C180 (Half-peak divergence: 22.2°)
— C90/C270 (Half-peak divergence: 22.0°)

COLOR VECTOR GRAPHIC

Orma_A | Uplights | Accessories
81181M15

		Einbaugehäuse installationsposition: boden; typ installation: mauerwerk L=97mm, H=76mm, D=97mm. Material:Kunststoff ABS, farbe:Black.	Code 99650
		Einbaugehäuse installationsposition: boden; typ installation: mauerwerk L=97mm, H=78mm, D=97mm. Material:Edelstahl AISI 316, farbe:Stahl.	Code 99560
		Einbaugehäuse installationsposition: boden; typ installation: mauerwerk L=73mm, H=76mm, D=73mm. Material:Edelstahl AISI 316, farbe:Stahl.	Code 99855