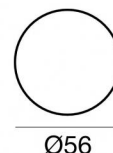
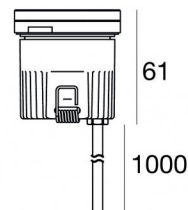


Uplights | 1 x powerLED 5 W DC 24 V | CRI 80
82661M60



Technische Daten	
Typ	Begehbar
Installationsposition	Boden
Installationsumgebung	Outdoor
Lichtquelle	LED
Circuit structure	powerLED
Optik	Medium Wide Flood
Light emission direction	upward
Lampe Nennleistung	5 W DC
Lichtstrom (Lichtquelle)	482 lm
Eingangsspannungsbereich	350mA
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 entflammaren Oberflächen	Ja
CE	Ja
Einschließlich Driver	Nein
C.V. - C.C. Converter	24 V Konverter enthalten
Leuchte dimmbar	Nein
Schwenkbarkeit	Nein
Drehbarkeit	Nein
Begehbarkeit	Ja
Überrollbarkeit	2000 Kg
Einschließlich Kabel	Ja
Kabellänge	1 m
Harzbeschichtung	Ja
Einbautiefe	61 mm
Typ Lichtabstrahlung	Einflammig
Nettogewicht	0.2 Kg
Schutz vor elektrostatischen Entladungen	Nein
Schutz vor Stoßspannungen	Nein
Optiktechnologie	Honey comb
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



89488
On/Off Driver 190~250V AC / 180~275V DC 14.4 W (1 - 2 art.)



89179
On/Off Driver 198~264V AC 24 W (1 - 4 art.)



89359
On/Off Driver 198~264V AC / V DC (1 - 9 art.)



99331
On/Off Driver 198~264V AC / 176~275V DC 150 W (1 - 30 art.)



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



C-E500023
DALI - 1-10V - Push and Simply Dim Controller V DC (- art.)

Cables Electrification with converter

Cable connector	No connector - Neoprene 2x0.5mm ²
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Uplights | 1 x powerLED 5 W DC 24 V | CRI 80
82661M60

Single emission uplights for outdoor application. The super warm white LED light source with a medium wide flood light distribution is composed of 1 powerLED LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 482 lm, with a 96.4 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 ingress protection degree is IP68; the total weight is of 0.2 kg.

The total absorbed power is 5 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 83038(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)	41 %
Lichtstrom (Lichtquelle)	482 lm
Leuchten Lichtstrom	200 lm
Consumption	5 W
Leuchten Lichtausbeute	40 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)

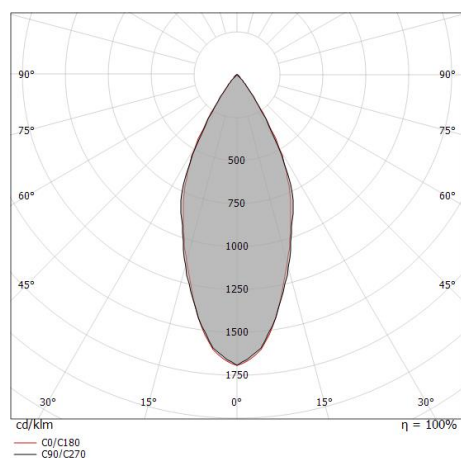
L90 B10 C0 205461h (at Tj 65 Ta 25)

UGR

UGR axial	13.3
UGR transversal	13.3
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

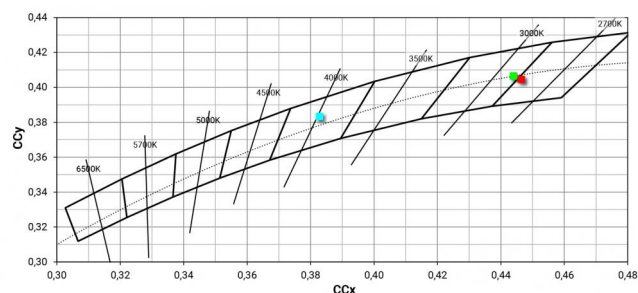
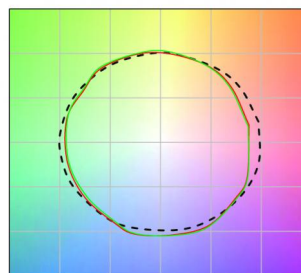
Optik C0/C180	43°
Light distribution simmetry	Symmetrical



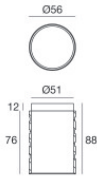
Distance [m]	Cone diameter [m]	Illuminance [lx]	E(0°) E(C90) E(C0)
0.5	0.42 0.40	1348 530 542	22.7° 21.7°
1.0	0.84 0.80	337 133 136	22.7° 21.7°
1.5	1.25 1.19	150 59 60	22.7° 21.7°
2.0	1.67 1.58	84 33 34	22.7° 21.7°
2.5	2.09 1.99	54 21 22	22.7° 21.7°
3.0	2.51 2.39	37 15 15	22.7° 21.7°

— C0/C180 (Half-peak divergence: 43.4°)
— C90/C270 (Half-peak divergence: 45.4°)

COLOR VECTOR GRAPHIC



Orma_F | Uplights | Accessories
82661M60



Einbaugehäuse
installationsposition: boden; typ installation: mauerwerk L=56mm, H=88mm, D=56mm.
Material:Kunststoff ABS, farbe:Black.

Code
99922



Einbaugehäuse
installationsposition: boden; typ installation: mauerwerk L=97mm, H=88mm, D=97mm.
Material:Kunststoff ABS, farbe:Black.

Code
83038