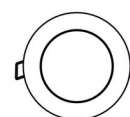


Downlights | 1 arrayLED 9 W DC 24 V | CRI 80
81232W30



Ø97

Technische Daten	
Installationsposition	Decke
Installationsumgebung	Outdoor
Lichtquelle	LED
Circuit structure	arrayLED
Optik	Medium Flood
Light emission direction	downward
Lampe Nennleistung	9 W DC
Lichtstrom (Lichtquelle)	1344 lm
Eingangsspannungsbereich	375mA
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
Begehbarkeit	Nein
Überrollbarkeit	Nein
Einschließlich Kabel	Ja
Kabellänge	1 m
Harzbeschichtung	Ja
Einbautiefe	51 mm
Typ Lichtabstrahlung	Einflammig
Nettogewicht	0.5 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



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



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.)



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

Cables Electrification

Cable connector	No connector - Neoprene 2x0.5mm ²
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Downlights | 1 arrayLED 9 W DC 24 V | CRI 80
81232W30

Single emission recessed downlights for outdoor application. The warm white LED light source with a medium flood light distribution is composed of 1 arrayled 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.

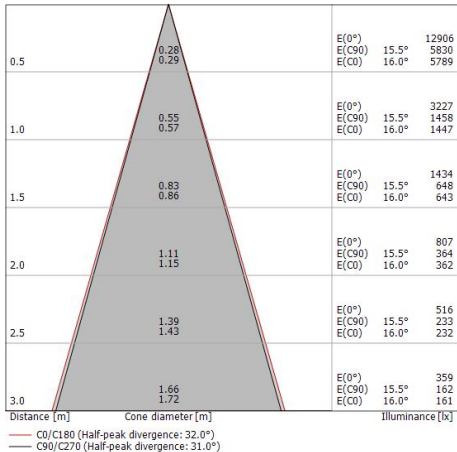
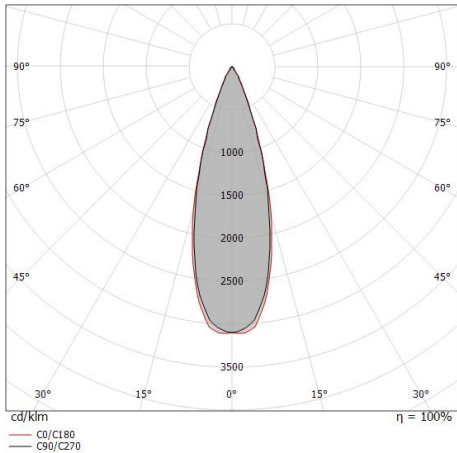
The device body is made of die-cast aluminium en ab - 46100 and features a matt black (r9005) finish, processed by means of open pore anodizing + powder coating; the diffuser is made of extra clear glass - tempered with a silk-screening treatment. Surface treatment of the product body through aluminum 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 IP67; the total weight is of 0.5 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 ceiling-mounted, with a 86 mm diameter hole (in plasterboard) with an outer casing, code 99749(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)	77 %
Lichtstrom (Lichtquelle)	1344 lm
Leuchten Lichtstrom	1042 lm
Consumption	9 W
Leuchten Lichtausbeute	115 lm/W
Farbtemperatur	3000 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 231262h (at Tj 65 Ta 25)

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

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

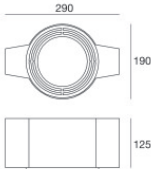
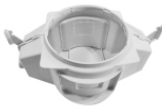
UGR

UGR axial	12.7
UGR transversal	12.9
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Optik C0/C180	31°
Light distribution simmetry	Symmetrical

Orma_C | Downlights | Accessories
81232W30



Einbaugehäuse - (zu ergänzen mit Universalgrill 99750)
installationsposition: decke; typ installation: mauerwerk L=290mm, H=125mm, D=190mm

Code
99749



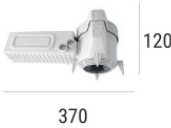
Zubehör für Außengehäuse - Universalgitter für Außengehäuse 99749

Code
99750



Einbaugehäuse
installationsposition: decke; typ installation: mauerwerk L=213mm, H=125mm, D=138mm.
Material:Polypropylen, farbe:Weiß.

Code
89373



Einbaugehäuse
installationsposition: decke; typ installation: mauerwerk L=370mm, H=120mm, D=200mm.
Material:Polypropylen, farbe:Weiß.

Code
89374