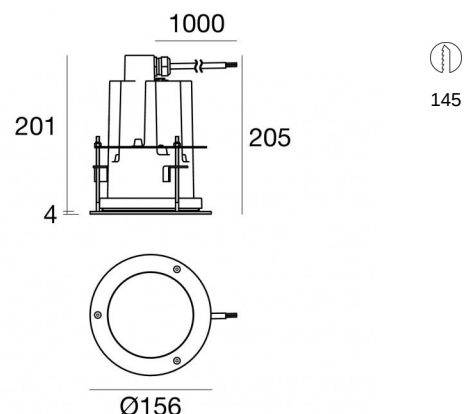


Downlights | 198-264 V
arrayLED 13 W DC - 14.1 W AC | CRI 80
81924M30



Technische Daten	
Installationsposition	Decke
Installationsumgebung	Outdoor
Lichtquelle	LED
Circuit structure	arrayLED
Optik	Flood
Light emission direction	downward
Lampe Nennleistung	13 W DC
Gesamtleistung	14.1 W
Lichtstrom (Lichtquelle)	1843 lm
Nominale Eingangsspannung	220 - 240 V AC
Eingangsspannungsbereich	198 - 264 V AC
Frequency	50 - 60 Hz
Ähnlichste Farbtemperatur / Tone	2700 K
Farbwiedergabeindex	80 Ra
Gleichstrom/Gleichspannung	AC
Isolierklasse	1
IP	IP67
IK	IK10
Glühdrahtprüfung	850°
Direkte Montage auf normal entflammaren Oberflächen	Ja
CE	Ja
Einschließlich Driver	Driver
Leuchte dimmbar	DALI - PUSH DIM
Schwenkbarkeit	Nein
Drehbarkeit	Nein
Begehrbarkeit	Nein
Überrollbarkeit	Nein
Einschließlich Kabel	Ja
Kabellänge	1 m
Harzbeschichtung	Ja
Einbautiefe	201 mm
Typ Lichtabstrahlung	Einflammig
Nettogewicht	2,4 Kg
Schutz vor elektrostatischen Entladungen	Ja
Schutz vor Stoßspannungen	1 KV
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

Oberfläche Oberfläche flansch

Material	Aluminiumlegierung 6026
Farbe	Text black RAL9005
Bearbeitungstyp	Offenporige Anodisierung + Pulverlackierung

Cables Electrification

Cable connector	No
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Downlights | 198-264 V | arrayLED 13 W DC - 14.1 W AC | CRI 80
81924M30

Single emission recessed downlights for outdoor application. The super warm white LED light source with a flood light distribution is composed of 1 arrayed LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 1843 lm, with a 141.8 lm/W nominal luminous efficacy.

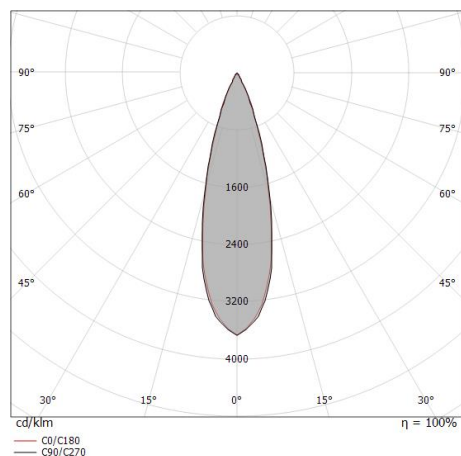
The device body is made of die-cast aluminium en ab - 46100 and features a matt black (r9005) finish, processed by means of open pore anodizing + powder coating; the diffuser is made of extra clear glass - tempered. Surface treatment of the product body through aluminum chemical conversion, followed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

The ingress protection degree is IP67;

The total absorbed power is 14.1 W The power supply cable is included and features a 1 m length.

The device features protection class I and can be ceiling-mounted, with a 145 mm diameter hole (in plasterboard) with an outer casing, code 83048(for concrete or masonry).

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



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.26 0.25	E(0°) 9810 E(C90) 4498 E(C0) 4510
1.0	0.51 0.51	E(0°) 2453 E(C90) 1124 E(C0) 1128
1.5	0.77 0.76	E(0°) 1090 E(C90) 500 E(C0) 501
2.0	1.03 1.02	E(0°) 613 E(C90) 281 E(C0) 282
2.5	1.28 1.27	E(0°) 392 E(C90) 180 E(C0) 180
3.0	1.54 1.53	E(0°) 273 E(C90) 125 E(C0) 125

Distance [m] Cone diameter [m] illuminance [lx]

— C0/C180 (Half-peak divergence: 28.6°)
— C90/C270 (Half-peak divergence: 28.8°)

Energieeffizienzklasse

Dieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse F.

Illuminotechnical Eigenschaften

Light Output Ratio (LOR)	36 %
Lichtstrom (Lichtquelle)	1843 lm
Leuchten Lichtstrom	669 lm
Consumption	14.1 W
Leuchten Lichtausbeute	47 lm/W
Farbtemperatur	2700 K
Standard Deviation of Colour Matching	2 Step MacAdam
Farbwiedergabeindex	80 Ra
Black Body Locus	On
Standardumgebungstemperatur	-20 / +50°C
Typische Temperatur am Glas	40°C

LED Life / Failure Ratio

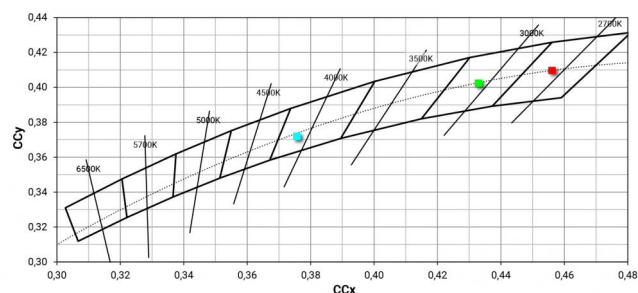
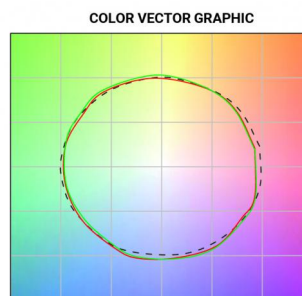
L70 B10 C0 252000h (at Tj 65 Ta 25)

UGR

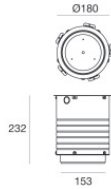
UGR axial	4.8
UGR transversal	5.5
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Optik C0/C180	29°
Light distribution simmetry	Symmetrical



Guardian DALI | Downlights | Accessories
81924M30



Einbaugehäuse

installationsposition: decke L=203mm, H=203mm, D=232mm.

Material:Grau.

Code

83048