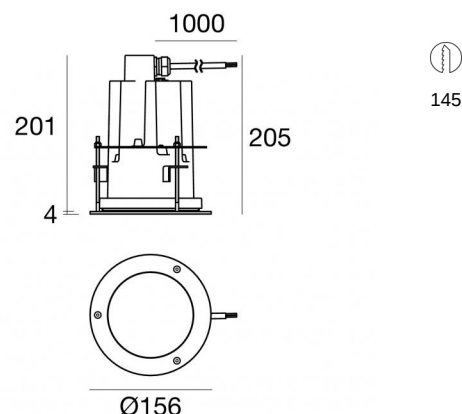


198-264 V | arrayLED 13 W DC - 14.1 W AC | CRI 80
81845N60



Technische Daten	
Installationsposition	Decke
Installationsumgebung	Outdoor
Lichtquelle	LED
Circuit structure	arrayLED
Optik	Wide Flood
Light emission direction	downward
Lampe Nennleistung	13 W DC
Gesamtleistung	14.1 W
Lichtstrom (Lichtquelle)	2028 lm
Nominale Eingangsspannung	220 - 240 V AC
Eingangsspannungsbereich	198 - 264 V AC
Frequency	50 - 60 Hz
Ähnlichste Farbtemperatur / Tone	4000 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
Begehbarkeit	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	4 KV
Schutz vor Stoßspannungen	1 KV
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 brilliant grey RAL 9006
Bearbeitungstyp	Offenporige Anodisierung + Pulverlackierung

Cables Electrification

Cable connector	No
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Single emission recessed downlights for outdoor application. The natural white LED light source with a wide flood light distribution is composed of 1 arrayed LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 2028 lm, with a 156.0 lm/W nominal luminous efficacy.

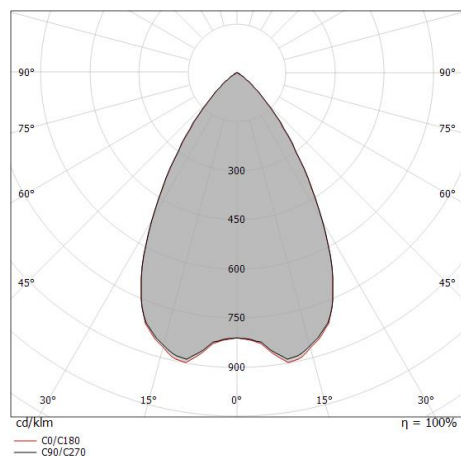
The device body is made of die-cast aluminium en ab - 46100 and features a matt black (r9005) finish, processed by means of open pore anodizing + powder coating; the diffuser is made of extra clear glass - tempered. Surface treatment of the product body through aluminum chemical conversion, followed 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	0.63 0.62	E(0°) 3722 E(C90) 1237 E(C0) 1274
1.0	1.26 1.24	E(0°) 930 E(C90) 309 E(C0) 319
1.5	1.89 1.87	E(0°) 414 E(C90) 137 E(C0) 142
2.0	2.52 2.49	E(0°) 233 E(C90) 77 E(C0) 80
2.5	3.15 3.11	E(0°) 149 E(C90) 49 E(C0) 51
3.0	3.78 3.73	E(0°) 103 E(C90) 34 E(C0) 35

— C0/C180 (Half-peak divergence: 63.8°)
— C90/C270 (Half-peak divergence: 64.4°)

Energieeffizienzklasse

Dieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse E.

Illuminotechnical Eigenschaften

Light Output Ratio (LOR)	56 %
Lichtstrom (Lichtquelle)	2028 lm
Leuchten Lichtstrom	1149 lm
Consumption	14.1 W
Leuchten Lichtausbeute	81 lm/W
Farbtemperatur	4000 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

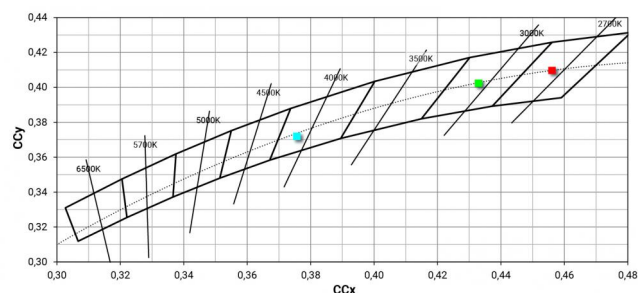
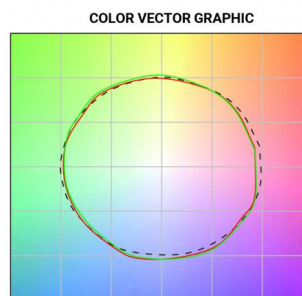
L70 B10 C0 252000h (at Tj 65 Ta 25)

UGR

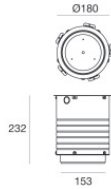
UGR axial	18.4
UGR transversal	18.3
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

Optik C0/C180	64°
Light distribution simmetry	Symmetrical



Guardian DALI | Downlights | Accessories
81845N60



Einbaugehäuse

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

Material:Grau.

Code

83048