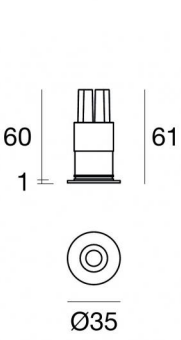
Downlights | 1 x powerLED 2 W DC 630 mA | CRI 80
90413N15







Technische Daten	
Installationsposition	Decke
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	powerLED
Optik	Spot
Light emission direction	downward
Lampe Nennleistung	2 W DC
Lichtstrom (Lichtquelle)	249 lm
Eingangsspannungsbereich	630mA
Ähnlichste Farbtemperatur / Tone	4000 K
Farbwiedergabeindex	80 Ra
Gleichstrom/Gleichspannung	CC
Isolierklasse	3
IP	IP44
IP optisches System	IP65
Glühdrahtprüfung	850°
Direkte Montage auf normal entflammbaren Oberflächen	Ja
CE	Ja
Einschließlich Driver	Nein
Leuchte dimmbar	DALI - 1-10V
Schwenkbarkeit	Nein
Drehbarkeit	Nein
Begehbarkeit	Nein
Überrollbarkeit	Nein
Einschließlich Kabel	Ja
Kabellänge	0.170 m
Harzbeschichtung	Nein
Einbautiefe	60 mm
Typ Lichtabstrahlung	Einflammig
Nettogewicht	0.048 Kg
Schutz vor elektrostatischen Entladungen	Nein
Schutz vor Stoßspannungen	Nein
Optiktechnologie	F.O.L.
Technische Merkmale des Produkts	TVS

Oberfläche Oberfläche Gehäuse	
Material	Aluminiumlegierung 6026
Farbe	Text black RAL9005
Bearbeitungstyp	Pulverbeschichtung mit duroplastischen Pulvern

Oberfläche Oberfläche diffusor	
Material	UV beständiges Polycarbonat
Farbe	Transparent

Oberfläche Oberfläche strahler	
Material	Stranggepresstes Aluminium EN AB - 46100
Bearbeitungstyp	Trommelung

Elektronik

89147
On/Off Driver 198~264V AC / 180~275V DC (1 - 2 art.)



99105
On/Off Driver 198~264V AC (6 - 12 art.)

99376
On/Off Driver 198~264V AC (3 - 6 art.)

Cables Electrification	
Cable connector	No

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Downlights | 1 x powerLED 2 W DC 630 mA | CRI 80
90413N15

Single emission recessed downlights for indoor application. The natural white LED light source with a spot light distribution is composed of 1 powerled LEDs with CCT of 4000 K and a CRI 80; the source luminous flux is 249 lm, with a 124.5 lm/W nominal luminous efficacy.

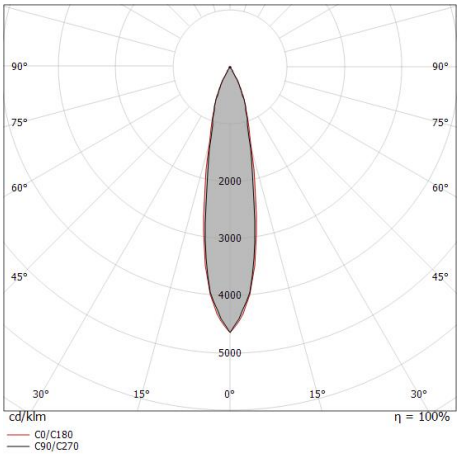
The device body is made of aluminium alloy 6026 and features a text black ral9005 finish, processed by means of powder coating with thermosetting powders; the diffuser is made of uv resistant polycarbonate.

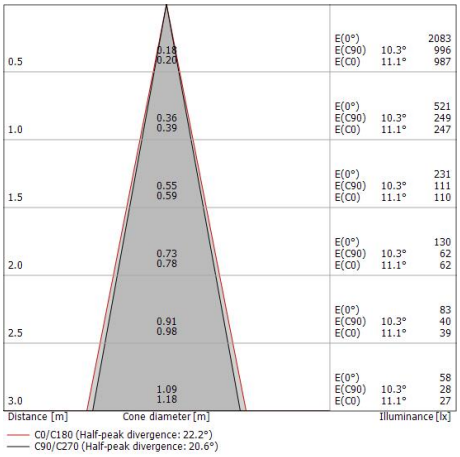
The ingress protection degree is IP44; the total weight is of 0.048 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 2 W The power supply cable is included and features a 0.170 m length.

The device features protection class III and can be ceiling-mounted, with a 29 mm diameter hole (in plasterboard) with an outer casing, code 99847(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)	44 %
Lichtstrom (Lichtquelle)	249 lm
Leuchten Lichtstrom	112 lm
Consumption	2,0 W
Leuchten Lichtausbeute	56 lm/W
Farbtemperatur	4000 K
Standard Deviation of Colour Matching	1.5 Step
Farbwiedergabeindex	80 Ra
Standardumgebungstemperatur	-20 / +50°C
Typische Temperatur am Glas	40°C

LED Life / Failure Ratio
L70 B10 C0 1240219h (at Tj 65 Ta 25)
L80 B10 C0 745627h (at Tj 65 Ta 25)
L90 B10 C0 309367h (at Tj 65 Ta 25)

UGR	
UGR axial	18.2
UGR transversal	18.2
X=4H | Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL	
Optik C0/C180	21°
Light distribution simmetry	Symmetrical

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Vos_R | Downlights | Accessories
90413N15



Einbaugehäuse

installationsposition: decke; typ installation: gipskarton L=41mm, H=28mm, D=41mm

Code

99847

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