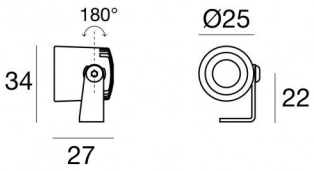
Scheinwerfer | 1 x powerLED 2 W DC 630 mA | CRI 80
96986N15



Technische Daten	
Typ	Oberfläche
Installationsposition	Wand - Decke - Boden
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	powerLED
Optik	Spot
Light emission direction	frontal
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	IP40
IK	IK03
Glühdrahtprüfung	850°
Direkte Montage auf normal entflammbaren Oberflächen	Ja
CE	Ja
Einschließlich Driver	Nein
Leuchte dimmbar	DALI - 1-10V
Schwenkbarkeit	Orientabile
Gesamtwinkel (vertikale Ebene)	180 °
Drehbarkeit	Nein
Begehbarkeit	Nein
Überrollbarkeit	Nein
Einschließlich Kabel	Ja
Kabellänge	1 m
Harzbeschichtung	Nein
Typ Lichtabstrahlung	Einflammig
Nettogewicht	0.08 Kg
Schutz vor elektrostatischen Entladungen	Nein
Schutz vor Stoßspannungen	Nein
Technische Merkmale des Produkts	TVS

Oberfläche Oberfläche Gehäuse	
Material	Aluminiumlegierung 6026
Farbe	Text brilliant grey RAL 9006
Bearbeitungstyp	Pulverbeschichtung mit duroplastischen Pulvern

Oberfläche Oberfläche bügel	
Material	Aluminium 5754
Farbe	Anodised black aluminium
Bearbeitungstyp	Anodisierung 15 µm

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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Single emission projectors 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.

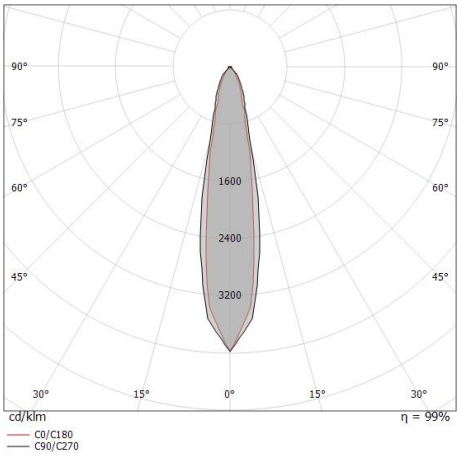
The device body is made of aluminium alloy 6026 and features a text brilliant grey ral 9006 finish, processed by means of powder coating with thermosetting powders.

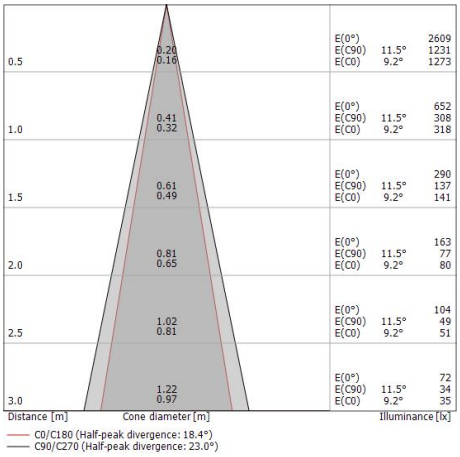
The ingress protection degree is IP40; the total weight is of 0.08 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 2 W The power supply cable is included and features a 1 m length.

The device features protection class III and can be wall lights, ceiling or floor-mounted.

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)	65 %
Lichtstrom (Lichtquelle)	249 lm
Leuchten Lichtstrom	164 lm
Consumption	2,0 W
Leuchten Lichtausbeute	82 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	24.5
UGR transversal	24
X=4H | Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL	
Optik C90/C270	23°
Optik C0/C180	18°
Light distribution simmetry	Symmetrical 2 assis

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