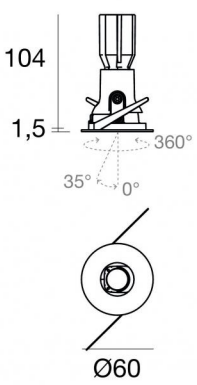
Downlights | 1 x powerLED 4 W DC 350 mA | CRI 90

81115N15







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Technische Daten	
Installationsposition	Decke
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	powerLED
Optik	Spot
Light emission direction	downward
Lampe Nennleistung	4 W DC
Lichtstrom (Lichtquelle)	449 lm
Eingangsspannungsbereich	350mA
Ähnlichste Farbtemperatur / Tone	4000 K
Farbwiedergabeindex	90 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	Ja
Gesamtwinkel (horizontale Ebene)	360 °
Gesamtwinkel (vertikale Ebene)	35 °
Begehbarkeit	Nein
Überrollbarkeit	Nein
Einschließlich Kabel	Ja
Kabellänge	0.170 m
Harzbeschichtung	Nein
Einbautiefe	104 mm
Typ Lichtabstrahlung	Einflammig
Nettogewicht	0.128 Kg
Schutz vor elektrostatischen Entladungen	Nein
Schutz vor Stoßspannungen	Nein
Optiktechnologie	Honey comb
Technische Merkmale des Produkts	TVS

Oberfläche Oberfläche Gehäuse	
Material	Stranggepresstes Aluminium EN AB - 46100
Farbe	Matt black (R9005)
Bearbeitungstyp	Pulverbeschichtung mit duroplastischen Pulvern

Oberfläche Oberfläche diffusor	
Material	UV beständiges Polycarbonat
Farbe	Transparent

Oberfläche Oberfläche flansch	
Material	Stranggepresstes Aluminium EN AB - 46100
Farbe	Text black RAL9005
Bearbeitungstyp	Pulverbeschichtung mit duroplastischen Pulvern

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

Elektronik



89145
On/Off Driver 198~264V AC / 180~275V DC (1 art.)



99375
On/Off Driver 198~264V AC (1 - 3 art.)

C-E100010
1-10V - 0-10V Controller (1 art.)

C-E100011
Push and Simply Dim - DALI-2 Controller (1 art.)

Cables Electrification	
Cable connector	No

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Downlights | 1 x powerLED 4 W DC 350 mA | CRI 90
81115N15

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 90; the source luminous flux is 449 lm, with a 112.3 lm/W nominal luminous efficacy.

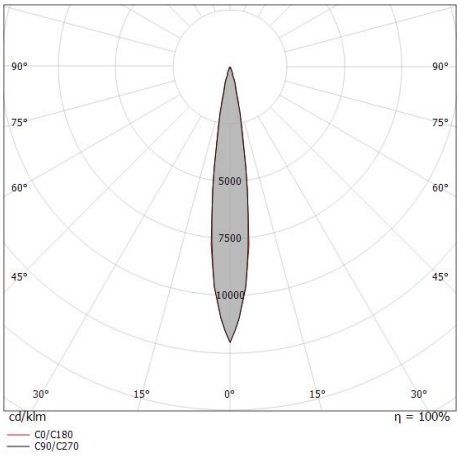
The device body is made of die-cast aluminium en ab - 46100 and features a matt black (r9005) finish, processed by means of powder coating with thermosetting powders; the diffuser is made of uv resistant polycarbonate.

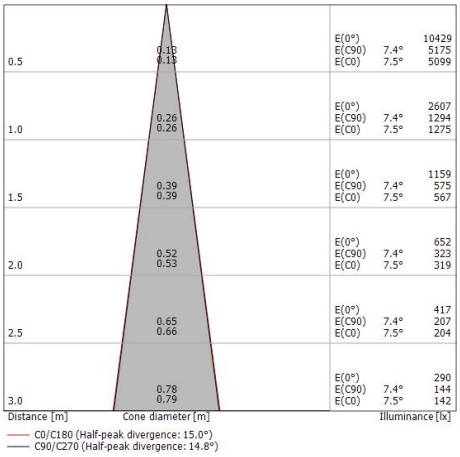
The ingress protection degree is IP44; the total weight is of 0.128 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 4 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 56 mm diameter hole (in plasterboard) with an outer casing, code 83063(for concrete or masonry).

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





Energieeffizienzklasse
Dieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse F.

Illuminotechnical Eigenschaften	
Light Output Ratio (LOR)	48 %
Lichtstrom (Lichtquelle)	449 lm
Leuchten Lichtstrom	217 lm
Consumption	4 W
Leuchten Lichtausbeute	54 lm/W
Farbtemperatur	4000 K
Standard Deviation of Colour Matching	5 Step MacAdam
Farbwiedergabeindex	90 Ra
Standardumgebungstemperatur	-20 / +50°C
Typische Temperatur am Glas	40°C

LED Life / Failure Ratio
L70 B10 C0 716641h (at Tj 65 Ta 25)
L80 B10 C0 445035h (at Tj 65 Ta 25)
L90 B10 C0 205461h (at Tj 65 Ta 25)

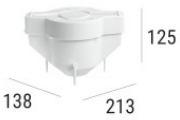
UGR	
UGR axial	14.2
UGR transversal	13.4
X=4H | Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL	
Optik C0/C180	15°
Light distribution simmetry	Symmetrical

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Vos_RJ | Downlights | Accessories
81115N15





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

Code
89373

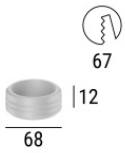




Einbaugehäuse
installationsposition: decke; typ installation: mauerwerk L=370mm, H=120mm, D=200mm.
Material:Polypropylen, farbe:Weiß.

Code
89374





Einbaugehäuse
installationsposition: decke; typ installation: gipskarton L=68mm, H=12mm, D=68mm.
Material:Aluminium, farbe:Anodised aluminium, bearbeitungstyp :Eloxierung.

Code
83063

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