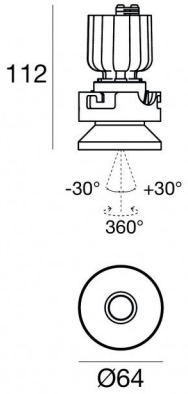
Downlights | 1 x powerLED 8 W DC 700 mA | CRI 90

80644W30







Technische Daten	
Typ	Halbeinbau
Installationsposition	Decke
Installationsumgebung	Indoor
Lichtquelle	LED
Circuit structure	powerLED
Optik	Medium Flood
Light emission direction	downward
Lampe Nennleistung	8 W DC
Lichtstrom (Lichtquelle)	738 lm
Eingangsspannungsbereich	700mA
Ähnlichste Farbtemperatur / Tone	3000 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	Ja
Schwenkbarkeit	Nein
Drehbarkeit	Ja
Gesamtwinkel (horizontale Ebene)	360 °
Gesamtwinkel (vertikale Ebene)	60 °
Begehbarkeit	Nein
Überrollbarkeit	Nein
Einschließlich Kabel	Ja
Kabellänge	0.17 m
Harzbeschichtung	Nein
Einbautiefe	112 mm
Typ Lichtabstrahlung	Einflammig
Nettogewicht	0.280 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 white RAL9003
Bearbeitungstyp	Pulverbeschichtung mit duroplastischen Pulvern

Oberfläche Oberfläche diffusor	
Material	UV beständiges Polycarbonat
Farbe	Transparent

Oberfläche Oberfläche strahler	
Material	Stranggepresstes Aluminium EN AB - 46100
Farbe	Aluminium
Bearbeitungstyp	Polieren

Elektronik



99147
On/Off Driver 198~264V AC (2 - 3 art.)



99735
Multi Power 198~264V AC / 180~275V DC (1 art.)



99733
1-10V Multi Power 198~264V AC / V DC (1 art.)



C-E100012
Push and Simply Dim - DALI-2 Controller (1 art.)



C-E100016
Push and Simply Dim - DALI-2 Controller (1 - 3 art.)

Cables Electrification	
Cable connector	No

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Downlights | 1 x powerLED 8 W DC 700 mA | CRI 90
80644W30

Single emission recessed downlights for indoor application. The warm white LED light source with a medium flood light distribution is composed of 1 powerled LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 738 lm, with a 92.3 lm/W nominal luminous efficacy.

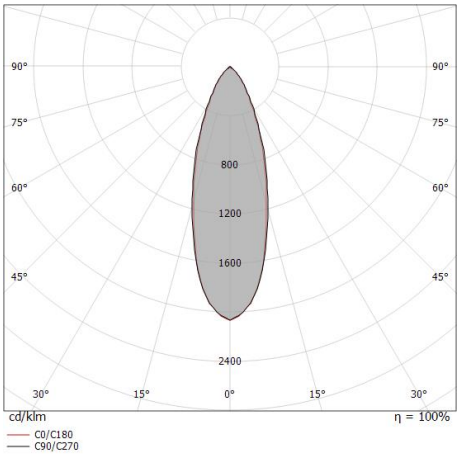
The device body is made of aluminium alloy 6026 and features a text white ral9003 finish, processed by means of powder coating with thermosetting powders; the diffuser is made of uv resistant polycarbonate.

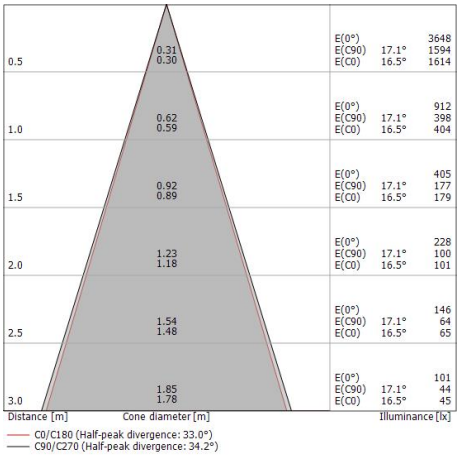
The ingress protection degree is IP44; the total weight is of 0.280 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 8 W The power supply cable is included and features a 0.17 m length.

The device features protection class III and can be ceiling-mounted with an outer casing, code 98533(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)	59 %
Lichtstrom (Lichtquelle)	738 lm
Leuchten Lichtstrom	441 lm
Consumption	8 W
Leuchten Lichtausbeute	55 lm/W
Farbtemperatur	3000 K
Standard Deviation of Colour Matching	3 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)

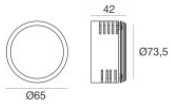
UGR	
UGR axial	17
UGR transversal	16.8
X=4H | Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL	
Optik C0/C180	33°
Light distribution simmetry	Symmetrical

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Epitax_J | Downlights | Accessories
80644W30

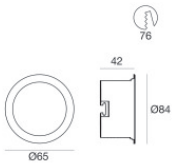




Einbaugehäuse - Frameless Außengehäuse
installationsposition: decke; typ installation: gipskarton L=73.5mm, H=42mm, D=73.5mm.
Material:ABS + Glasfaser 15%, farbe:Weiß, bearbeitungstyp :roh.

Code
98499





Einbaugehäuse - Einbaugehäuse
installationsposition: decke; typ installation: gipskarton L=84mm, H=42mm, D=84mm.
Material:Aluminium, farbe:weiß RAL 9003, bearbeitungstyp :Lackierung.

Code
98533

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