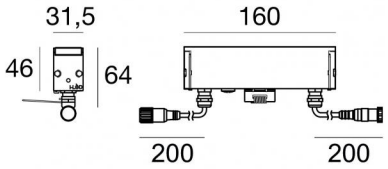
Lineare Elemente | 3 x powerLEDs 4.5 W DC 500 mA
CRI 80
82712M50







Technische Daten	
Typ	Frame
Installationsposition	Boden
Installationsumgebung	Outdoor
Lichtquelle	LED
Circuit structure	powerLEDs
Optik	Wide Flood
Light emission direction	upward
Lampe Nennleistung	4.5 W DC
Lichtstrom (Lichtquelle)	561 lm
Eingangsspannungsbereich	500mA
Ähnlichste Farbtemperatur / Tone	2700 K
Farbwiedergabeindex	80 Ra
Gleichstrom/Gleichspannung	CC
Isolierklasse	3
IP	IP68
Installationsbeschränkung	Nicht für Einsatz unter Wasser
IK	IK08
Glühdrahtprüfung	850°
Direkte Montage auf normal entflammbaren Oberflächen	Ja
CE	Ja
Einschließlich Driver	Nein
Leuchte dimmbar	Ja
Schwenkbarkeit	Nein
Drehbarkeit	Nein
Begehbarkeit	Ja
Überrollbarkeit	2000 Kg
Einschließlich Kabel	Ja
Kabellänge	0.250 m
Harzbeschichtung	Nein
Typ Lichtabstrahlung	Einflammig
Nettogewicht	0.440 Kg
Schutz vor elektrostatischen Entladungen	4 KV
Schutz vor Stoßspannungen	Nein

Oberfläche Oberfläche Gehäuse	
Material	Aluminiumlegierung 6060
Farbe	Anodised aluminium
Bearbeitungstyp	Anodisierung 20 µm

Oberfläche Oberfläche diffusor	
Material	Extra-helles Glas - Gehärtet
Farbe	Transparent
Bearbeitungstyp	Siebdruck

Elektronik



99181
On/Off Driver 198~264V AC (1 - 2 art.)



99185
On/Off Driver 198~264V AC (2 - 4 art.)



83101
DALI-2 Controller (1 - 4 art.)

Cables Electrification	
Cable connector	Female Socket 4 Pin M12
IP (locked condition)	67
Cable connector	Male Plug 4 pin M12
IP (locked condition)	67

Cables Signal	
Cable connector	Male Plug 5 Pin M12
IP (locked condition)	67
IP (locked condition)	67
Cable connector	Female Socket 5 Pin M12

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Lineare Elemente | 3 x powerLEDs 4.5 W DC 500 mA | CRI 80
82712M50

Single emission lines for outdoor application. The super warm white LED light source with a wide flood light distribution is composed of 3 powerled LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 561 lm, with a 124.7 lm/W nominal luminous efficacy.

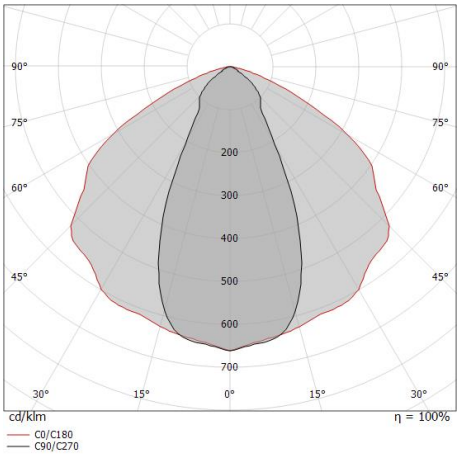
The device body is made of aluminium alloy 6060 and features a anodised aluminium finish, processed by means of 20 µm anodizing; the diffuser is made of extra clear glass - tempered with a silk-screening treatment. Surface treatment of the product body with chemical conversion of aluminum, designed to ensure maximum long?term resistance.

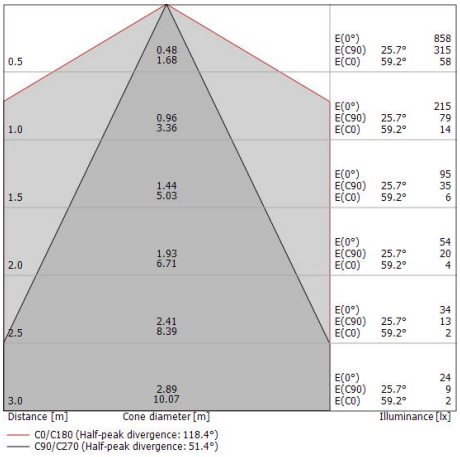
The ingress protection degree is IP68; the total weight is of 0.440 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 4.5 W The power supply cable is included and features a 0.250 m length.

The device features protection class III and can be floor-mounted with an outer casing, code 99926(for concrete or masonry).

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





Energieeffizienzklasse
Dieses Produkt enthält 3 Lichtquellen der Energieeffizienzklasse D.

Illuminotechnical Eigenschaften	
Light Output Ratio (LOR)	57 %
Lichtstrom (Lichtquelle)	561 lm
Leuchten Lichtstrom	325 lm
Consumption	4.5 W
Leuchten Lichtausbeute	72 lm/W
Farbtemperatur	2700 K
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	19
UGR transversal	27.7
X=4H | Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL	
Optik C90/C270	51°
Optik C0/C180	118°
Light distribution simmetry	Symmetrical 2 assis

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Xenia_AF PRO | Lines | Accessories
82712M50



Kabel und Stecker - 24V DC 190-250V AC - Conn. F.4 pin M12 (L 5m)
Länge 5000 mm; isolierung doppio; kabelklemme: nein; farben: weiß - schwarz - blau - braun.

Code
89190



Kabel und Stecker - 24V DC 190-250V AC - Conn M. + F. 4 pin M12 (L 5m)
Länge 5000 mm; isolierung doppio; kabelklemme: nein.

Code
98149



Kabel und Stecker - 24V DC 190-250V AC - Conn M. + F. 4 pin M12 (L 10m)
Länge 10000 mm; isolierung doppio; kabelklemme: nein.

Code
89188



Kabel und Stecker
Länge 5000 mm; kabelklemme: nein; farben: weiß - schwarz - blau - grau - braun.

Code
89362



Kabel und Stecker - 1-10V & DALI - Conn M. + F. 5 pin M12
Länge 10000 mm; isolierung doppio; querschnitt 0.5 mm²; kabelklemme: nein.

Code
89361



Kabel und Stecker - 24V DC 190-250V AC - Conn. F.4 pin M12 (L 1,5m)
Länge 1500 mm; isolierung doppio; kabelklemme: nein; farben: weiß - schwarz - blau - braun.

Code
99216



Kabel und Stecker - Verlängerungskabel
Länge 1000 mm; isolierung doppio; kabelklemme: nein.

Code
98437



Klammer
installationsposition: wand, decke, boden L=35mm, H=72.8mm, D=36.5mm.
Material:Stahl AISI 304, farbe:Scotch Brite Stahl.

Code
98949

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Xenia_AF PRO | Lines | Accessories
82712M50



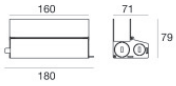
Endkappe

Material:Aluminiumlegierung 6060, farbe:Aluminium.

Code

99917





Einbaugehäuse

installationsposition: boden; typ installation: mauerwerk L=160mm, H=78.7mm, D=71.1mm

Code

99926

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