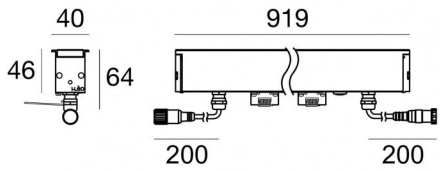
Lineare Elemente | 144 topLED 19.5 W DC 24 V
CRI 80
81455W90



Technische Daten	
Typ	Frame
Installationsposition	Boden
Installationsumgebung	Outdoor
Lichtquelle	LED
Circuit structure	topLED
Optik	Extra Wide Flood
Light emission direction	upward
Lampe Nennleistung	19.5 W DC
Lichtstrom (Lichtquelle)	2403 lm
Ähnlichste Farbtemperatur / Tone	3000 K
Farbwiedergabeindex	80 Ra
Gleichstrom/Gleichspannung	CV
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	DALI - 1-10V
Schwenkbarkeit	Nein
Drehbarkeit	Nein
Begehbarkeit	Ja
Überrollbarkeit	2000 Kg
Einschließlich Kabel	Ja
Kabellänge	0.250 m
Harzbeschichtung	Nein
Typ Lichtabstrahlung	Einflammig
Nettogewicht	1.505 Kg
Schutz vor elektrostatischen Entladungen	Nein
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

99331
On/Off Driver 198~264V AC / 176~275V DC 150 W (1 - 7 art.)

99332
1-10V Controller (1 - 7 art.)

99374
On/Off Driver 198~264V AC / 176~275V DC 75 W (- art.)

99787
DALI Controller 100~305V AC / 142~431V DC 240 W (1 - 12 art.)

83062
DALI - Push and Simply Dim Controller 198~264V AC / V DC (1 - 7 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

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Lineare Elemente | 144 topLED 19.5 W DC 24 V | CRI 80
81455W90

Single emission lines for outdoor application. The warm white LED light source with a extra wide flood light distribution is composed of 144 topled LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 2403 lm, with a 123.2 lm/W nominal luminous efficacy.

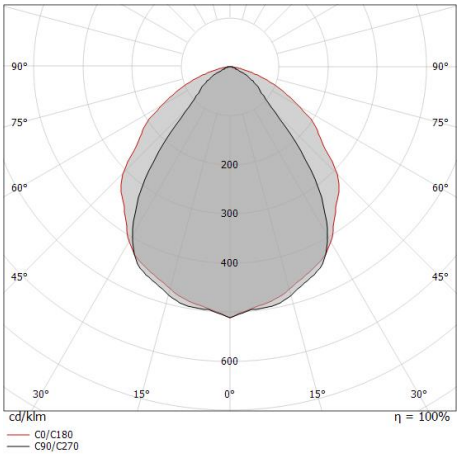
The device body is made of aluminium alloy 6060 and features a anodised aluminium finish, processed by means of 20 µm anodizing; the diffuser is made of extra clear glass - tempered with a silk-screening treatment. Surface treatment of the product body with chemical conversion of aluminum, designed to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

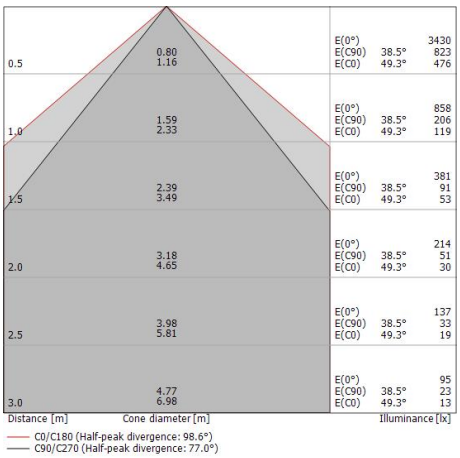
The ingress protection degree is IP68; the total weight is of 1.505 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 19.5 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 99763(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)	69 %
Lichtstrom (Lichtquelle)	2403 lm
Leuchten Lichtstrom	1676 lm
Consumption	20 W
Leuchten Lichtausbeute	83 lm/W
Farbtemperatur	3000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Farbwiedergabeindex	80 Ra
Standardumgebungstemperatur	-20 / +50°C
Typische Temperatur am Glas	40°C

LED Life / Failure Ratio
L70 B10 C0 494435h (at Tj 65 Ta 25)
L80 B10 C0 310287h (at Tj 65 Ta 25)
L90 B10 C0 147856h (at Tj 65 Ta 25)

UGR	
UGR axial	21.2
UGR transversal	26.5
X=4H | Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL	
Optik C90/C270	77°
Optik C0/C180	99°
Light distribution simmetry	Symmetrical 2 assis

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Xenia_A | Lines | Accessories
81455W90

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 - 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.

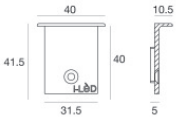
Code
99216

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

Code
98437

Einbaugehäuse
installationsposition: boden; typ installation: mauerwerk L=916mm, H=77mm, D=71,4mm.
Material:Aluminiumlegierung 6060, farbe:Anodised aluminium, bearbeitungstyp :Anodisierung 20 µm.

Code
99763



Endkappe - Endkappen für Xenia - 2 Stück
Material:Aluminium, farbe:Grau, bearbeitungstyp :Lackierung.

Code
99766

Federn für den Einbau

Code
99818

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