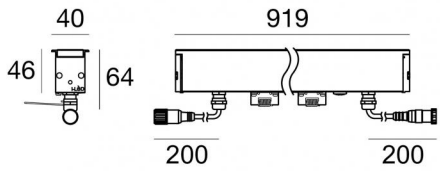
Lineare Elemente | 144 topLED 19.5 W DC 24 V
CRI 80
**81455M90**




| 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) | 2292 lm |
| Ähnlichste Farbtemperatur / Tone | 2700 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
**81455M90**

Single emission lines for outdoor application. The super warm white LED light source with a extra wide flood light distribution is composed of 144 topled LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 2292 lm, with a 117.5 lm/W nominal luminous efficacy.

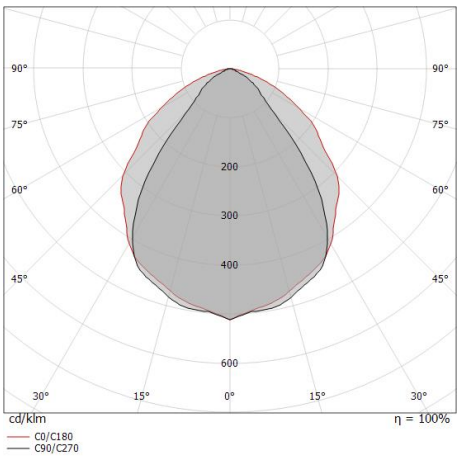
The device body is made of aluminium alloy 6060 and features a anodised aluminium finish, processed by means of 20 µm anodizing; the diffuser is made of extra clear glass - tempered with a silk-screening treatment. Surface treatment of the product body with chemical conversion of aluminum, designed to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

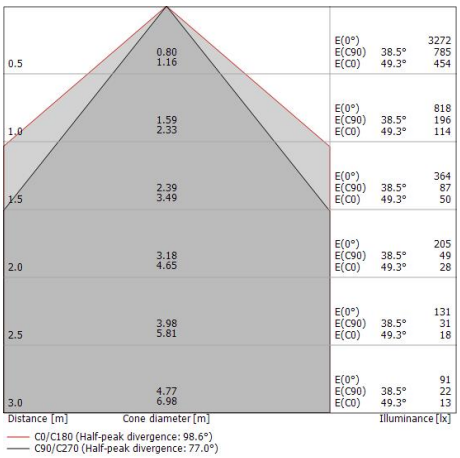
The ingress protection degree is IP68; the total weight is of 1.505 kg. The power supply driver is not provided and is to be ordered separately.

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) | 2292 lm |
| Leuchten Lichtstrom | 1599 lm |
| Consumption | 20 W |
| Leuchten Lichtausbeute | 79 lm/W |
| Farbtemperatur | 2700 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 147586h (at Tj 65  Ta 25 ) |

| UGR | |
|---|---|
| UGR axial | 21 |
| UGR transversal | 26.3 |
| 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
**81455M90**

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.

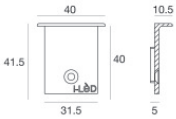
**Code**
99216

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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