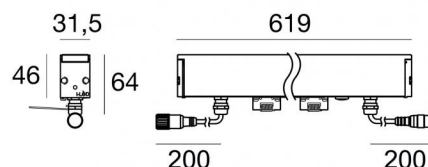


Lineare Elemente | 96 topLED 13 W DC 24 V | CRI 80  
82492M50



| Technische Daten                                    |                                |
|-----------------------------------------------------|--------------------------------|
| Typ                                                 | Frame                          |
| Installationsposition                               | Boden                          |
| Installationsumgebung                               | Outdoor                        |
| Lichtquelle                                         | LED                            |
| Circuit structure                                   | topLED                         |
| Optik                                               | Medium Flood                   |
| Light emission direction                            | upward                         |
| Lampe Nennleistung                                  | 13 W DC                        |
| Lichtstrom (Lichtquelle)                            | 1528 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 entflammaren 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                                        | 1.020 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<br>On/Off Driver 198-264V AC / 176-275V DC 150 W (1 - 11 art.)            |
|  | 99332<br>1-10V Controller (1 - 11 art.)                                         |
|  | 99374<br>On/Off Driver 198-264V AC / 176-275V DC 75 W (- art.)                  |
|  | 99787<br>DALI Controller 100-305V AC / 142-431V DC 240 W (1 - 18 art.)          |
|  | 83062<br>DALI - Push and Simply Dim Controller 198-264V AC / V DC (1 - 11 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                      |

Lineare Elemente | 96 topLED 13 W DC 24 V | CRI 80  
82492M50

Single emission lines for outdoor application. The super warm white LED light source with a medium flood light distribution is composed of 96 topLEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 1528 lm, with a 117.5 lm/W nominal luminous efficacy.

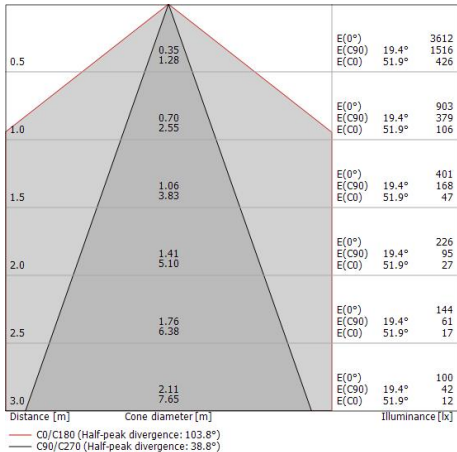
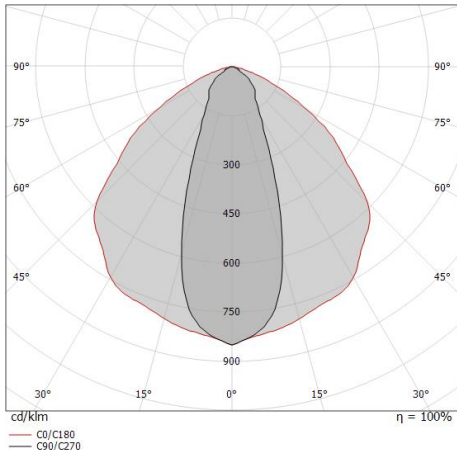
The device body is made of aluminium alloy 6060 and features a anodised aluminium finish, processed by means of 20 µm anodizing; the diffuser is made of extra clear glass - tempered with a silk-screening treatment. Surface treatment of the product body with chemical conversion of aluminum, designed to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

The ingress protection degree is IP68; the total weight is of 1.020 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 13 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 99913(for concrete or masonry).

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



Energieeffizienzklasse

Dieses Produkt enthält 2 Lichtquellen der Energieeffizienzklasse D.

Illuminotechnical Eigenschaften

|                                       |                |
|---------------------------------------|----------------|
| Light Output Ratio (LOR)              | 69 %           |
| Lichtstrom (Lichtquelle)              | 1528 lm        |
| Leuchten Lichtstrom                   | 1062 lm        |
| Consumption                           | 13 W           |
| Leuchten Lichtausbeute                | 81 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 )

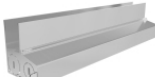
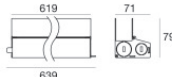
UGR

|                   |          |
|-------------------|----------|
| UGR axial         | 18.3     |
| UGR transversal   | 26.5     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

OPTICAL

|                             |                     |
|-----------------------------|---------------------|
| Optik C90/C270              | 39°                 |
| Optik C0/C180               | 104°                |
| Light distribution simmetry | Symmetrical 2 assis |

Xenia\_AF | Lines | Accessories  
82492M50

|                                                                                                                                                                         |                                                                                                                                                                    |                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
|                                                                                         | Kabel und Stecker - 24V DC 190-250V AC - Conn. F.4 pin M12 (L 5m)<br>Länge 5000 mm; isolierung doppio; kabelklemme: nein; farben: weiß - schwarz - blau - braun.   | <b>Code</b><br><u>89190</u> |
|                                                                                         | Kabel und Stecker - 24V DC 190-250V AC - Conn M. + F. 4 pin M12 (L 5m)<br>Länge 5000 mm; isolierung doppio; kabelklemme: nein.                                     | <b>Code</b><br><u>98149</u> |
|                                                                                         | Kabel und Stecker - 24V DC 190-250V AC - Conn M. + F. 4 pin M12 (L 10m)<br>Länge 10000 mm; isolierung doppio; kabelklemme: nein.                                   | <b>Code</b><br><u>89188</u> |
|                                                                                       | Kabel und Stecker - 24V DC 190-250V AC - Conn. F.4 pin M12 (L 1,5m)<br>Länge 1500 mm; isolierung doppio; kabelklemme: nein; farben: weiß - schwarz - blau - braun. | <b>Code</b><br><u>99216</u> |
|                                                                                       | Kabel und Stecker - Verlängerungskabel<br>Länge 1000 mm; isolierung doppio; kabelklemme: nein.                                                                     | <b>Code</b><br><u>98437</u> |
|                                                                                       | Kabel und Stecker<br>Länge 1500 mm; isolierung doppio; querschnitt 0.5 mm²; kabelklemme: nein; außendurchmesser: 5.4 mm; farben: weiß - schwarz - blau - braun.    | <b>Code</b><br><u>98476</u> |
|                                                                                       | Kabel und Stecker<br>Länge 5000 mm; isolierung doppio; querschnitt 0.5 mm²; kabelklemme: nein; außendurchmesser: 5.4 mm; farben: weiß - schwarz - blau - braun.    | <b>Code</b><br><u>98477</u> |
|   | <b>Einbaugehäuse</b><br>installationsposition: boden; typ installation: mauerwerk L=619mm, H=78.7mm, D=71.1mm                                                      | <b>Code</b><br><u>99913</u> |

Xenia\_AF | Lines | Accessories  
82492M50



Endkappe  
Material:Aluminiumlegierung 6060, farbe:Aluminium.

Code  
99917