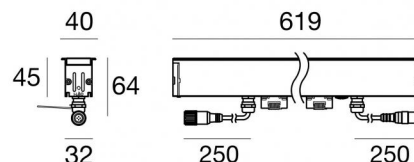


Lineare Elemente | 85-277 V  
12 x powerLEDs 14.8 W DC - 18 W AC | CRI 80  
**C00590AMWEF**



| Technische Daten                                    |                                      |
|-----------------------------------------------------|--------------------------------------|
| Typ                                                 | Frame                                |
| Installationsposition                               | Boden                                |
| Installationsumgebung                               | Outdoor                              |
| Lichtquelle                                         | LED                                  |
| Circuit structure                                   | powerLEDs                            |
| Optik                                               | Elliptic Flood (20°±29°) x (41°±60°) |
| Light emission direction                            | upward                               |
| Lampe Nennleistung                                  | 14.8 W DC                            |
| Gesamtleistung                                      | 18 W                                 |
| Lichtstrom (Lichtquelle)                            | 2328 lm                              |
| Nominale Eingangsspannung                           | 220 - 240 V AC                       |
| Eingangsspannungsbereich                            | 85 - 277 V AC                        |
| Frequency                                           | 50 - 60 Hz                           |
| Ähnlichste Farbtemperatur / Tone                    | 3000 K                               |
| Farbwiedergabeindex                                 | 80 Ra                                |
| Gleichstrom/Gleichspannung                          | AC                                   |
| Isolierklasse                                       | 2                                    |
| IP                                                  | IP68                                 |
| Installationsbeschränkung                           | Nicht für Einsatz unter Wasser       |
| IK                                                  | IK08                                 |
| Glühdrahtprüfung                                    | 850°                                 |
| Direkte Montage auf normal entflammaren Oberflächen | Ja                                   |
| CE                                                  | Ja                                   |
| Einschließlich Driver                               | Driver                               |
| Leuchte dimmbar                                     | Nein                                 |
| Schwenkbarkeit                                      | Nein                                 |
| Drehbarkeit                                         | Nein                                 |
| Begehbarkeit                                        | Ja                                   |
| Überrollbarkeit                                     | 2000 Kg                              |
| Einschließlich Kabel                                | Ja                                   |
| Kabellänge                                          | 0.25 m                               |
| Harzbeschichtung                                    | Nein                                 |
| Typ Lichtabstrahlung                                | Einflammig                           |
| Nettogewicht                                        | 1.02 Kg                              |
| Schutz vor elektrostatischen Entladungen            | Ja                                   |
| Schutz vor Stoßspannungen                           | 0.5 KV                               |

#### Oberfläche Oberfläche Gehäuse

|                 |                         |
|-----------------|-------------------------|
| Material        | Aluminiumlegierung 6060 |
| Farbe           | Anodised aluminium      |
| Bearbeitungstyp | Anodisierung 15 µm      |

#### Oberfläche Oberfläche diffusor

|                 |                              |
|-----------------|------------------------------|
| Material        | Extra-helles Glas - Gehärtet |
| Farbe           | Transparent                  |
| Bearbeitungstyp | Siebdruck                    |

#### Cables Electrification

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

Lineare Elemente | 85-277 V | 12 x powerLEDs 14.8 W DC - 18 W AC | CRI 80  
C00590AMWEF

Single emission lines for outdoor application. The warm white LED light source with a elliptic flood (20°÷29°) x (41°÷60°) light distribution is composed of 12 powered LEDs with CCT of 3000 K and a CRI 80; the source luminous flux is 2328 lm, with a 157.3 lm/W nominal luminous efficacy.

The device body is made of aluminium alloy 6060 and features a anodised aluminium finish, processed by means of 15 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 1.02 kg.

The total absorbed power is 18 W The power supply cable is included and features a 0.25 m length.

The device features protection class II 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)              | 81 %        |
| Lichtstrom (Lichtquelle)              | 2328 lm     |
| Leuchten Lichtstrom                   | 1895 lm     |
| Consumption                           | 18 W        |
| Leuchten Lichtausbeute                | 105 lm/W    |
| Farbtemperatur                        | 3000 K      |
| Standard Deviation of Colour Matching | 1.5 Step    |
| 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 )

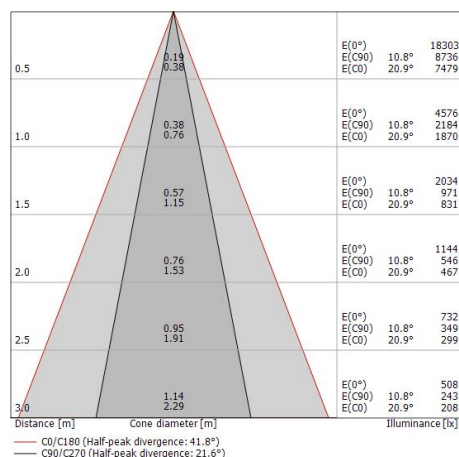
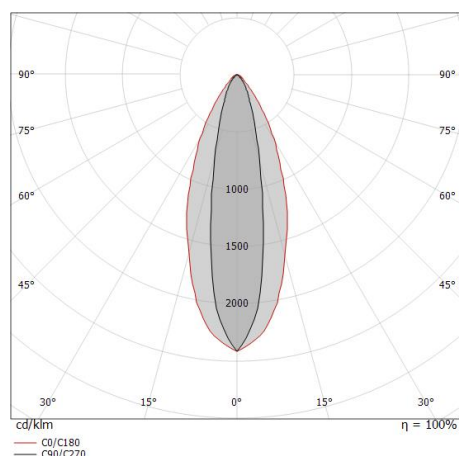
L90 B10 C0 309367h (at Tj 65 Ta 25 )

#### UGR

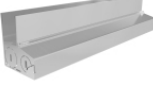
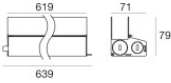
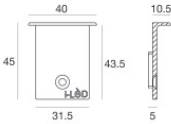
|                   |          |
|-------------------|----------|
| UGR axial         | 17.5     |
| UGR transversal   | 21.8     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

#### OPTICAL

|                             |                     |
|-----------------------------|---------------------|
| Optik C90/C270              | 22°                 |
| Optik C0/C180               | 42°                 |
| Light distribution simmetry | Symmetrical 2 assis |



Xenia\_A PRO | Lines | Accessories  
C00590AMWEF

|                                                                                                                                                                         |                                                                                                                                                                    |                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|
|                                                                                        | Federn für den Einbau                                                                                                                                              | <b>Code</b><br>99818 |
|                                                                                         | 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>99216 |
|                                                                                         | 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>89190 |
|                                                                                       | Kabel und Stecker - Verlängerungskabel<br>Länge 1000 mm; isolierung doppio; kabelklemme: nein.                                                                     | <b>Code</b><br>98437 |
|                                                                                       | 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>98149 |
|                                                                                       | 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>89188 |
|   | Einbaugehäuse<br>installationsposition: boden; typ installation: mauerwerk L=619mm, H=78.7mm, D=71.1mm                                                             | <b>Code</b><br>99913 |
|   | Endkappe - Endkappen für Xenia - 2 Stück<br>Material:Aluminium, farbe:Grau, bearbeitungstyp :Lackierung.                                                           | <b>Code</b><br>83188 |

Xenia\_A PRO | Lines | Accessories  
C00590AMWEF



Schlüssel - Zubehör zur Demontage der Leuchte Xenia (2 Stück)  
Material:Stahl AISI 304, farbe:Stahl.

Code  
C-V500001