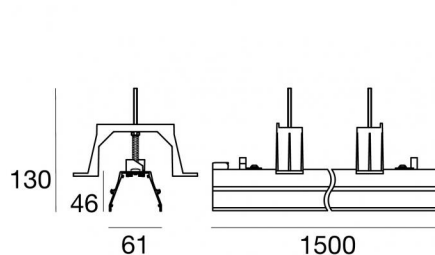
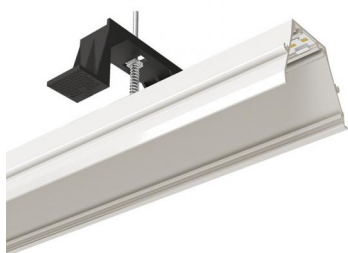


Lineare Elemente | 192 topLED 19.5 W DC 48 V  
Modular | CRI 90  
**C00342WHNZZ**



61 x  
1500

| Technische Daten                                    |              |
|-----------------------------------------------------|--------------|
| Typ                                                 | Frameless    |
| Installationsposition                               | Decke        |
| Installationsumgebung                               | Indoor       |
| Lichtquelle                                         | LED          |
| Circuit structure                                   | topLED       |
| Optik                                               | No optic     |
| Light emission direction                            | downward     |
| Lampe Nennleistung                                  | 19.5 W DC    |
| Lichtstrom (Lichtquelle)                            | 2820 lm      |
| Ähnlichste Farbtemperatur / Tone                    | 4000 K       |
| Farbwiedergabeindex                                 | 90 Ra        |
| Gleichstrom/Gleichspannung                          | CV           |
| Isolierklasse                                       | 3            |
| IP                                                  | IP40         |
| IP optisches System                                 | IP54         |
| Glühdrahtprüfung                                    | Nein         |
| Direkte Montage auf normal entflammaren Oberflächen | Ja           |
| CE                                                  | Ja           |
| Einschließlich Driver                               | Nein         |
| Leuchte dimmbar                                     | DALI - 1-10V |
| Schwenkbarkeit                                      | Nein         |
| Drehbarkeit                                         | Nein         |
| Begehrbarkeit                                       | Nein         |
| Überrollbarkeit                                     | Nein         |
| Einschließlich Kabel                                | Nein         |
| Harzbeschichtung                                    | Nein         |
| Einbautiefe                                         | 130 mm       |
| Typ Lichtabstrahlung                                | Einflammig   |
| Nettogewicht                                        | 1.275 Kg     |
| Modularity                                          | Modular      |
| Schutz vor elektrostatischen Entladungen            | Nein         |
| Schutz vor Stoßspannungen                           | Nein         |

#### Oberfläche Oberfläche Gehäuse

|                 |                                                |
|-----------------|------------------------------------------------|
| Material        | Aluminiumlegierung 6060                        |
| Farbe           | Text white RAL9003                             |
| Bearbeitungstyp | Pulverbeschichtung mit duroplastischen Pulvern |

#### Elektronik



99784  
Switching Driver 180~295V AC / V DC (1 - 7 art.)



99785  
On/Off Driver 100~305V AC / V DC (1 - 12 art.)



C-E400003  
Push and Simply Dim - DALI-2 Controller (1 - 7 art.)



C-E300009  
On/Off Driver 220~240V AC / V DC (1 - 3 art.)



C-E300010  
On/Off Driver 220~240V AC / V DC (1 - 7 art.)

Lineare Elemente | 192 topLED 19.5 W DC 48 V | Modular | CRI 90 | + C-U200014  
C00342WHNZZ

Single emission lines for indoor application. The natural white LED light source with a no optic light distribution is composed of 192 topLEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 2820 lm, with a 144.6 lm/W nominal luminous efficacy.

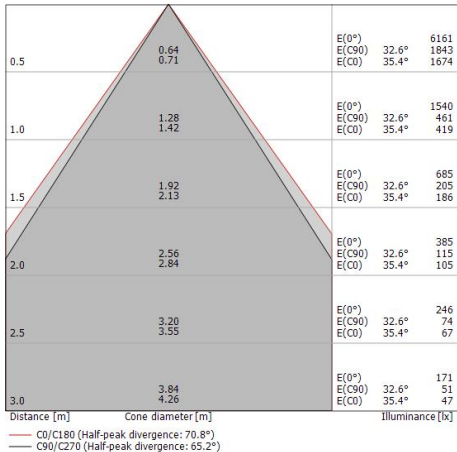
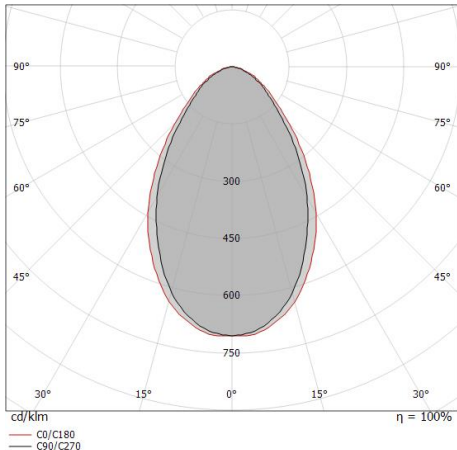
The device body is made of aluminium alloy 6060 and features a text white ral9003 finish, processed by means of powder coating with thermosetting powders.

The ingress protection degree is IP40; the total weight is of 1.275 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 19.5 W

The device features protection class III and can be ceiling-mounted, with a 61 x 1500 mm hole (in plasterboard).

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)              | 77 %           |
| Lichtstrom (Lichtquelle)              | 2820 lm        |
| Leuchten Lichtstrom                   | 2186 lm        |
| Consumption                           | 20 W           |
| Leuchten Lichtausbeute                | 109 lm/W       |
| Farbtemperatur                        | 4000 K         |
| Standard Deviation of Colour Matching | 3 Step MacAdam |
| Farbwiedergabeindex                   | 90 Ra          |
| Standardumgebungstemperatur           | -20 / +50°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         | 18.4     |
| UGR transversal   | 19       |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

OPTICAL

|                             |                     |
|-----------------------------|---------------------|
| Optik C90/C270              | 65°                 |
| Optik C0/C180               | 71°                 |
| Light distribution simmetry | Symmetrical 2 assis |

Lineare Elemente | 192 topLED 19.5 W DC 48 V | Modular | CRI 90 | + C-U200008  
C00342WHNZZ

Single emission lines for indoor application. The natural white LED light source with a no optic light distribution is composed of 192 topLEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 2820 lm, with a 144.6 lm/W nominal luminous efficacy.

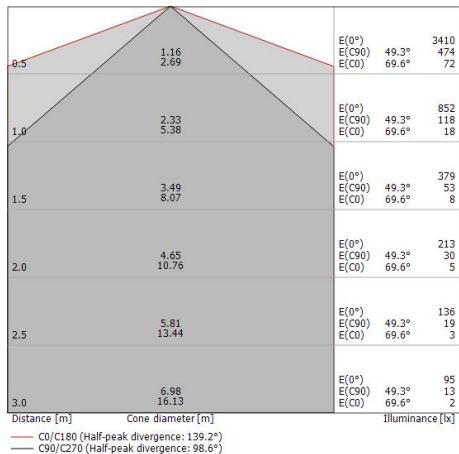
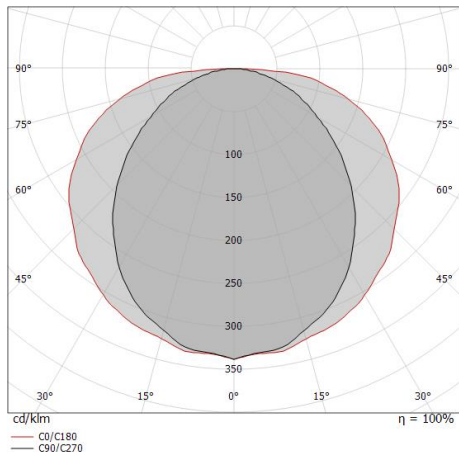
The device body is made of aluminium alloy 6060 and features a text white ral9003 finish, processed by means of powder coating with thermosetting powders.

The ingress protection degree is IP40; the total weight is of 1.275 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 19.5 W

The device features protection class III and can be ceiling-mounted, with a 61 x 1500 mm hole (in plasterboard).

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)              | 89 %           |
| Lichtstrom (Lichtquelle)              | 2820 lm        |
| Leuchten Lichtstrom                   | 2518 lm        |
| Consumption                           | 20 W           |
| Leuchten Lichtausbeute                | 125 lm/W       |
| Farbtemperatur                        | 4000 K         |
| Standard Deviation of Colour Matching | 3 Step MacAdam |
| Farbwiedergabeindex                   | 90 Ra          |
| Standardumgebungstemperatur           | -20 / +50°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         | 22.7     |
| UGR transversal   | 27.8     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

OPTICAL

|                             |                     |
|-----------------------------|---------------------|
| Optik C90/C270              | 99°                 |
| Optik C0/C180               | 139°                |
| Light distribution simmetry | Symmetrical 2 assis |

Lineare Elemente | 192 topLED 19.5 W DC 48 V | Modular | CRI 90 | + C-U200012  
C00342WHNZZ

Single emission lines for indoor application. The natural white LED light source with a no optic light distribution is composed of 192 topLEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 2820 lm, with a 144.6 lm/W nominal luminous efficacy.

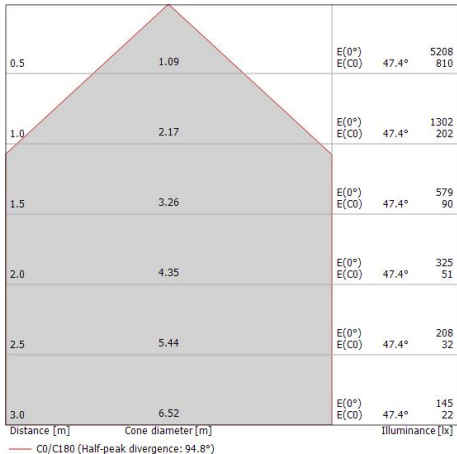
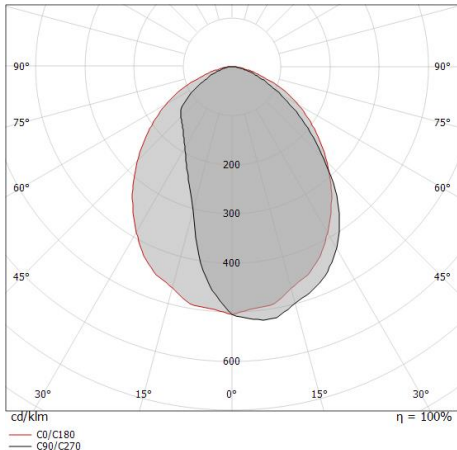
The device body is made of aluminium alloy 6060 and features a text white ral9003 finish, processed by means of powder coating with thermosetting powders.

The ingress protection degree is IP40; the total weight is of 1.275 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 19.5 W

The device features protection class III and can be ceiling-mounted, with a 61 x 1500 mm hole (in plasterboard).

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



| Energieeffizienzklasse                                              |  |
|---------------------------------------------------------------------|--|
| Dieses Produkt enthält 3 Lichtquellen der Energieeffizienzklasse D. |  |

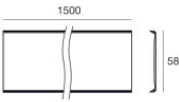
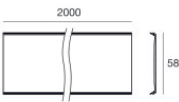
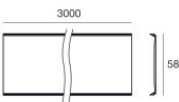
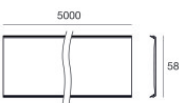
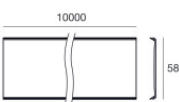
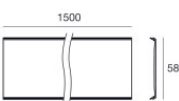
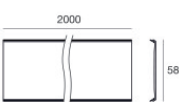
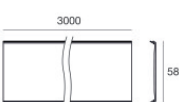
| Illuminotechnical Eigenschaften       |                |
|---------------------------------------|----------------|
| Light Output Ratio (LOR)              | 91 %           |
| Lichtstrom (Lichtquelle)              | 2820 lm        |
| Leuchten Lichtstrom                   | 2577 lm        |
| Consumption                           | 20 W           |
| Leuchten Lichtausbeute                | 128 lm/W       |
| Farbtemperatur                        | 4000 K         |
| Standard Deviation of Colour Matching | 3 Step MacAdam |
| Farbwiedergabeindex                   | 90 Ra          |
| Standardumgebungstemperatur           | -20 / +50°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 ) |  |

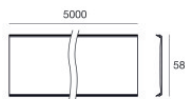
| UGR               |          |
|-------------------|----------|
| UGR axial         | 22.7     |
| UGR transversal   | 27.8     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

| OPTICAL                     |              |
|-----------------------------|--------------|
| Optik C0/C180               | 95°          |
| Light distribution simmetry | Asymmetrical |

Rollip60\_MF | Lines | Accessories  
C00342WHNZZ

|                                                                                     |                                                                                     |                                                                                                                                               |                                            |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
|    |    | <p>Diffusor - Asymmetrisch - Länge 1.5m</p> <p>Diffusorart: asymmetric diffuser.</p> <p>Material:UV beständiges Polycarbonat, farbe:Opal.</p> | <p><b>Code</b></p> <p><u>C-U200038</u></p> |
|    |    | <p>Diffusor - Asymmetrisch - Länge 2m</p> <p>Diffusorart: asymmetric diffuser.</p> <p>Material:UV beständiges Polycarbonat, farbe:Opal.</p>   | <p><b>Code</b></p> <p><u>C-U200039</u></p> |
|    |    | <p>Diffusor - Asymmetrisch - Länge 3m</p> <p>Diffusorart: asymmetric diffuser.</p> <p>Material:UV beständiges Polycarbonat, farbe:Opal.</p>   | <p><b>Code</b></p> <p><u>C-U200040</u></p> |
|  |  | <p>Diffusor - Asymmetrisch - Länge 5m</p> <p>Diffusorart: asymmetric diffuser.</p> <p>Material:UV beständiges Polycarbonat, farbe:Opal.</p>   | <p><b>Code</b></p> <p><u>C-U200012</u></p> |
|  |  | <p>Diffusor - Asymmetrisch - Länge 10m</p> <p>Diffusorart: asymmetric diffuser.</p> <p>Material:UV beständiges Polycarbonat, farbe:Opal.</p>  | <p><b>Code</b></p> <p><u>C-U200013</u></p> |
|  |  | <p>Diffusor - Opal - Länge 1.5m</p> <p>Diffusorart: opal diffuser.</p> <p>Material:UV beständiges Polycarbonat, farbe:Opal.</p>               | <p><b>Code</b></p> <p><u>C-U200041</u></p> |
|  |  | <p>Diffusor - Opal - Länge 2m</p> <p>Diffusorart: opal diffuser.</p> <p>Material:UV beständiges Polycarbonat, farbe:Opal.</p>                 | <p><b>Code</b></p> <p><u>C-U200042</u></p> |
|  |  | <p>Diffusor - Opal - Länge 3m</p> <p>Diffusorart: opal diffuser.</p> <p>Material:UV beständiges Polycarbonat, farbe:Opal.</p>                 | <p><b>Code</b></p> <p><u>C-U200043</u></p> |

Rollip60\_MF | Lines | Accessories  
C00342WHNZZ



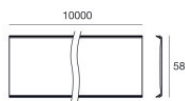
Diffusor - Opal – Länge 5 m

Diffusorart: opal diffuser.

Material:UV beständiges Polycarbonat, farbe:Opal.

**Code**

C-U200008



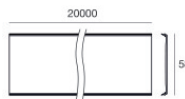
Diffusor - Opal – Länge 10m

Diffusorart: opal diffuser.

Material:UV beständiges Polycarbonat, farbe:Opal.

**Code**

C-U200009



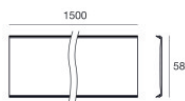
Diffusor - Opal – Länge 20m

Diffusorart: opal diffuser.

Material:UV beständiges Polycarbonat, farbe:Opal.

**Code**

C-U200010



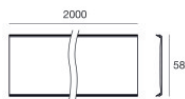
Diffusor - Blendfreier Diffusor – Länge 1.5m

Diffusorart: anti-glare diffuser.

Material:UV beständiges Polycarbonat, farbe:Opal, bearbeitungstyp :Satinieren.

**Code**

C-U200044



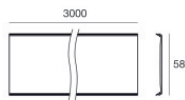
Diffusor - Blendfreier Diffusor – Länge 2m

Diffusorart: anti-glare diffuser.

Material:UV beständiges Polycarbonat, farbe:Opal, bearbeitungstyp :Satinieren.

**Code**

C-U200045



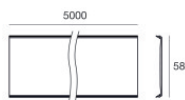
Diffusor - Blendfreier Diffusor – Länge 3m

Diffusorart: anti-glare diffuser.

Material:UV beständiges Polycarbonat, farbe:Opal, bearbeitungstyp :Satinieren.

**Code**

C-U200046



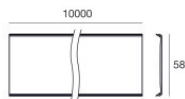
Diffusor - Blendfreier Diffusor – Länge 5m

Diffusorart: anti-glare diffuser.

Material:UV beständiges Polycarbonat, farbe:Opal, bearbeitungstyp :Satinieren.

**Code**

C-U200014



Diffusor - Blendfreier Diffusor – Länge 10m

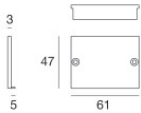
Diffusorart: anti-glare diffuser.

Material:UV beständiges Polycarbonat, farbe:Opal, bearbeitungstyp :Satinieren.

**Code**

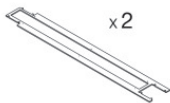
C-U200015

Rollip60\_MF | Lines | Accessories  
C00342WHNZZ

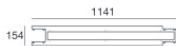


Endkappe - Um die Endkappen verwenden zu können, ist es notwendig, die Länge des Installationslochs um 8 mm zu vergrößern.  
Material:Aluminium, farbe:Text white RAL9003, bearbeitungstyp :Lackierung.

Code  
C-V400010



x 2

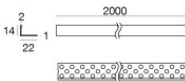


Lochschablone - Schablone für den Einbau mit Kotflügeln (C-C600001)  
Material:MDF, farbe:Holz.

Code  
C-V200007



x 2



Werkzeug - Fenderzubehör für Gipskartonplatten. Das Installationsloch für den Rollip\_MF muss im Vergleich zu den Angaben im Datenblatt um 7,5 mm breiter werden.  
Material:Verzinktes Eisen, farbe:Grau, bearbeitungstyp :Verzinken.

Code  
C-C600001