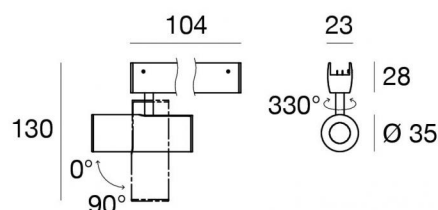


Systeme - Lineare Elemente  
1 x powerLED 6 W DC 24 V | CRI 90  
**77594M10**



| Technische Daten                                    |                          |
|-----------------------------------------------------|--------------------------|
| Jahr der Verwirklichung                             | 2019                     |
| Typ                                                 | Lineare Elemente         |
| Installationsposition                               | Kabel                    |
| Installationsumgebung                               | Indoor                   |
| Lichtquelle                                         | LED                      |
| Circuit structure                                   | powerLED                 |
| Optik                                               | Spot                     |
| Light emission direction                            | downward                 |
| Lampe Nennleistung                                  | 6 W DC                   |
| Lichtstrom (Lichtquelle)                            | 674 lm                   |
| Frequency                                           | 50-60 Hz                 |
| Ähnlichste Farbtemperatur / Tone                    | 2700 K                   |
| Farbwiedergabeindex                                 | 90 Ra                    |
| Gleichstrom/Gleichspannung                          | CV                       |
| Isolierklasse                                       | 3                        |
| IP                                                  | IP40                     |
| Glühdrahtprüfung                                    | 650°                     |
| Direkte Montage auf normal entflammaren Oberflächen | Ja                       |
| CE                                                  | Ja                       |
| Einschließlich Driver                               | Nein                     |
| C.V. - C.C. Converter                               | 24 V Konverter enthalten |
| Leuchte dimmbar                                     | DALI - 1-10V - PUSH DIM  |
| Schwenkbarkeit                                      | Orientabile              |
| Gesamtwinkel (vertikale Ebene)                      | 330 °                    |
| Drehbarkeit                                         | Ja                       |
| Gesamtwinkel (horizontale Ebene)                    | 90 °                     |
| Begehbarkeit                                        | Nein                     |
| Überrollbarkeit                                     | Nein                     |
| Einschließlich Kabel                                | Nein                     |
| Harzbeschichtung                                    | Nein                     |
| Typ Lichtabstrahlung                                | Einflammig               |
| Nettogewicht                                        | 0.23 Kg                  |
| Schutz vor elektrostatischen Entladungen            | Nein                     |
| Schutz vor Stoßspannungen                           | Nein                     |
| Optiktechnologie                                    | Honey comb               |

#### Oberfläche Oberfläche Gehäuse

|                 |                    |
|-----------------|--------------------|
| Material        | Aluminium          |
| Farbe           | Text white RAL9003 |
| Bearbeitungstyp | Lackierung         |

#### Oberfläche Oberfläche diffusor

|          |             |
|----------|-------------|
| Material | PMMA        |
| Farbe    | Transparent |

#### Oberfläche Oberfläche fassung

|                 |                    |
|-----------------|--------------------|
| Material        | Aluminium          |
| Farbe           | Text white RAL9003 |
| Bearbeitungstyp | Lackierung         |

#### Elektronik

|                                                                                     |                                                                   |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------|
|  | 81416<br>On/Off Driver 220-240V AC 120 W (1 - 20 art.)            |
|  | 83041<br>1-10V - Push and Simply Dim - DALI-2 Controller (- art.) |
|  | 81417<br>On/Off Driver 220-240V AC 180 W (1 - 30 art.)            |
|  | 83042<br>1-10V - Push and Simply Dim - DALI-2 Controller (- art.) |
|  | 83415<br>On/Off Driver 220-240V AC 120 W (- art.)                 |
|  | 83416<br>On/Off Driver 220-240V AC 180 W (- art.)                 |
|  | 83429<br>On/Off Driver 220-240V AC 120 W (- art.)                 |

|                                                                                     |                                                   |
|-------------------------------------------------------------------------------------|---------------------------------------------------|
|  | 83431<br>On/Off Driver 220-240V AC 180 W (- art.) |
|-------------------------------------------------------------------------------------|---------------------------------------------------|

Systeme - Lineare Elemente | 1 x powerLED 6 W DC 24 V | CRI 90  
77594M10

Single emission systems or lines for indoor application. The super warm white LED light source with a spot light distribution is composed of 1 powered LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 674 lm, with a 112.3 lm/W nominal luminous efficacy.

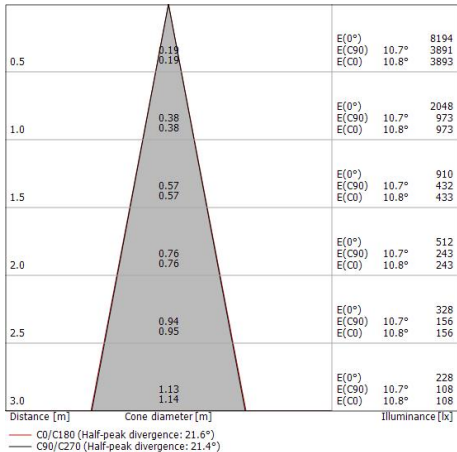
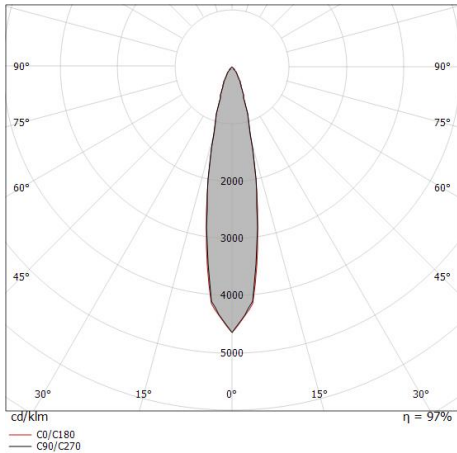
The device body is made of aluminium and features a text white ral9003 finish, processed by means of coating; the diffuser is made of pmma; the mounting frame is made of aluminium, with a text white ral9003 finish, processed by means of coating.

The ingress protection degree is IP40; the total weight is of 0.23 kg.

The total absorbed power is 6 W

The device features protection class III and can be cable-mounted.

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



Energieeffizienzklasse

Dieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse F.

Illuminotechnical Eigenschaften

|                                       |                |
|---------------------------------------|----------------|
| Light Output Ratio (LOR)              | 65 %           |
| Lichtstrom (Lichtquelle)              | 674 lm         |
| Leuchten Lichtstrom                   | 441 lm         |
| Consumption                           | 6 W            |
| Leuchten Lichtausbeute                | 73 lm/W        |
| Farbtemperatur                        | 2700 K         |
| Standard Deviation of Colour Matching | 3 Step MacAdam |
| Farbwiedergabeindex                   | 90 Ra          |
| Verbindungstemperatur (Leuchte)       | 80             |
| Standardumgebungstemperatur           | -20 / +50°C    |

LED Life / Failure Ratio

L70 B10 C0 716641h (at Tj 85 Ta 25 )

L80 B10 C0 445035h

L90 B10 C0 205461h

UGR

|                   |          |
|-------------------|----------|
| UGR axial         | 16       |
| UGR transversal   | 15.9     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

OPTICAL

|                             |             |
|-----------------------------|-------------|
| Optik C0/C180               | 21°         |
| Light distribution simmetry | Symmetrical |

Ink system\_SP | Lines | Accessories  
77594M10

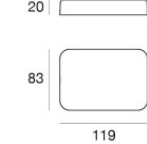
|                                                                                  |                                                                                   |                                                                                                                      |              |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|--------------|
|  |  | Kabel                                                                                                                | Code         |
|                                                                                  |                                                                                   | Typ Kabel power cable; Länge 5000 mm; isolierung doppio; querschnitt 1.5 mm²; kabelklemme: nein; farben: weiß - rot. | <u>83412</u> |

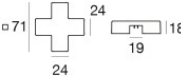
|                                                                                  |                                                                                   |                                                                                                                       |              |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------|--------------|
|  |  | Kabel                                                                                                                 | Code         |
|                                                                                  |                                                                                   | Typ Kabel power cable; Länge 10000 mm; isolierung doppio; querschnitt 1.5 mm²; kabelklemme: nein; farben: weiß - rot. | <u>83413</u> |

|                                                                                   |                                                                                   |                                                                                                                         |              |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|--------------|
|  |  | Kabel                                                                                                                   | Code         |
|                                                                                   |                                                                                   | Typ Kabel power cable; Länge 1000 mm; isolierung doppio; querschnitt 1.5 mm²; kabelklemme: nein; farben: schwarz - rot. | <u>83414</u> |

|                                                                                    |                                                                                     |                                                  |              |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------|--------------|
|  |  | Profil - Kit 5 x                                 | Code         |
|                                                                                    |                                                                                     | Material:Aluminium, bearbeitungstyp :Lackierung. | <u>81426</u> |

|                                                                                    |                                                                                     |                                                  |              |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------|--------------|
|  |  | Profil - Kit 2 x                                 | Code         |
|                                                                                    |                                                                                     | Material:Aluminium, bearbeitungstyp :Lackierung. | <u>81430</u> |

|                                                                                    |                                                                                     |                                                                     |              |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------|--------------|
|  |  | Drahtabdeckung                                                      | Code         |
|                                                                                    |                                                                                     | Material:PC, farbe:Text white RAL9003, bearbeitungstyp :Lackierung. | <u>83417</u> |

|                                                                                    |                                                                                     |                                                                                    |              |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------|
|  |  | Kabelverbindung                                                                    | Code         |
|                                                                                    |                                                                                     | Typ linear.<br>Material:PC, farbe:Text white RAL9003, bearbeitungstyp :Lackierung. | <u>83418</u> |

|                                                                                    |                                                                                     |                                                                                    |              |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------|
|  |  | Kabelverbindung                                                                    | Code         |
|                                                                                    |                                                                                     | Typ linear.<br>Material:PC, farbe:Text white RAL9003, bearbeitungstyp :Lackierung. | <u>83419</u> |

Ink system\_SP | Lines | Accessories  
77594M10



Kabelverbindung

Typ linear.

Material:PC, farbe:Text white RAL9003, bearbeitungstyp :Lackierung.

**Code**

83420

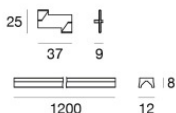


Endkappe

Material:PC, farbe:Text white RAL9003, bearbeitungstyp :Lackierung.

**Code**

83421

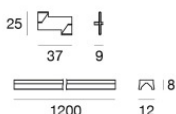


Profil

Material:Aluminium, bearbeitungstyp :Lackierung.

**Code**

84010



Profil

Material:Aluminium, bearbeitungstyp :Lackierung.

**Code**

84011



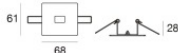
Klammer - 2X

installationsposition: wand, decke.

Material:Aluminium, farbe:Text white RAL9003, bearbeitungstyp :Lackierung.

**Code**

83422

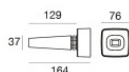


Drahtabdeckung - 2X

Material:Eisen, farbe:Text white RAL9003, bearbeitungstyp :Lackierung.

**Code**

83423

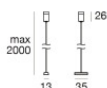


Drahtabdeckung - 2X

Material:PC, farbe:Text white RAL9003, bearbeitungstyp :Lackierung.

**Code**

83424



Kabel für Aufhängung

Material:Aluminium, farbe:Text white RAL9003, bearbeitungstyp :Lackierung.

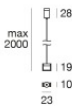
**Code**

83425

Ink system\_SP | Lines | Accessories  
77594M10

|                                                                                                                                                                    |                                                                          |                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|----------------------------------------|
|   | <p>Lochschablone</p> <p>Material:Eisen, bearbeitungstyp :Lackierung.</p> | <p><b>Code</b></p> <p><u>83186</u></p> |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|----------------------------------------|

|                                                                                                                                                                     |                                                                                                |                                        |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|----------------------------------------|
|   | <p>Werkzeug - Set zum Schneiden/Abisolieren von Kabeln</p> <p>Material:Stahl, farbe:Stahl.</p> | <p><b>Code</b></p> <p><u>81427</u></p> |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|----------------------------------------|

|                                                                                                                                                                      |                                                                                                               |                                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|----------------------------------------|
|   | <p>Kabel für Aufhängung</p> <p>Material:Aluminium, farbe:Text white RAL9003, bearbeitungstyp :Lackierung.</p> | <p><b>Code</b></p> <p><u>83427</u></p> |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|----------------------------------------|

|  |                                                                                                                   |                                        |
|--|-------------------------------------------------------------------------------------------------------------------|----------------------------------------|
|  | <p>Schiene</p> <p>Länge: 1000mm.</p> <p>Material:Aluminium, farbe:weiß RAL 9003, bearbeitungstyp :Lackierung.</p> | <p><b>Code</b></p> <p><u>83433</u></p> |
|--|-------------------------------------------------------------------------------------------------------------------|----------------------------------------|

|  |                                                                                                                   |                                        |
|--|-------------------------------------------------------------------------------------------------------------------|----------------------------------------|
|  | <p>Schiene</p> <p>Länge: 2000mm.</p> <p>Material:Aluminium, farbe:weiß RAL 9003, bearbeitungstyp :Lackierung.</p> | <p><b>Code</b></p> <p><u>83435</u></p> |
|--|-------------------------------------------------------------------------------------------------------------------|----------------------------------------|

|  |                                                                                                     |                                        |
|--|-----------------------------------------------------------------------------------------------------|----------------------------------------|
|  | <p>Kabelverbindung</p> <p>Material:Aluminium, farbe:weiß RAL 9003, bearbeitungstyp :Lackierung.</p> | <p><b>Code</b></p> <p><u>83437</u></p> |
|--|-----------------------------------------------------------------------------------------------------|----------------------------------------|

|  |                                                                                                     |                                        |
|--|-----------------------------------------------------------------------------------------------------|----------------------------------------|
|  | <p>Kabelverbindung</p> <p>Material:Aluminium, farbe:weiß RAL 9003, bearbeitungstyp :Lackierung.</p> | <p><b>Code</b></p> <p><u>83439</u></p> |
|--|-----------------------------------------------------------------------------------------------------|----------------------------------------|

|  |                                                                                                     |                                        |
|--|-----------------------------------------------------------------------------------------------------|----------------------------------------|
|  | <p>Kabelverbindung</p> <p>Material:Aluminium, farbe:weiß RAL 9003, bearbeitungstyp :Lackierung.</p> | <p><b>Code</b></p> <p><u>83441</u></p> |
|--|-----------------------------------------------------------------------------------------------------|----------------------------------------|

Ink system\_SP | Lines | Accessories  
77594M10

|                                                                                               |                             |
|-----------------------------------------------------------------------------------------------|-----------------------------|
| Kabelverbindung                                                                               | <b>Code</b><br><u>83442</u> |
| Kabel für Aufhängung<br>Material:Aluminium, farbe:weiß RAL 9003, bearbeitungstyp :Lackierung. | <b>Code</b><br><u>83444</u> |
| Kabel<br>Länge 1000 mm; farben: schwarz.                                                      | <b>Code</b><br><u>83445</u> |
| Kabel<br>Länge 1000 mm; farben: schwarz.                                                      | <b>Code</b><br><u>83446</u> |