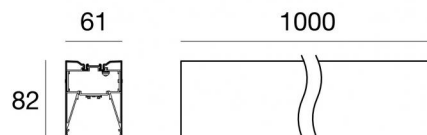


Systeme | 198-264 V AC /180-280 V DC  
144 topLED 13 W DC - 14.5 W AC | Modular | CRI 90  
**C00839WHWZZ**



| Technische Daten                                    |                   |
|-----------------------------------------------------|-------------------|
| Typ                                                 | Pendelleuchte     |
| Installationsposition                               | Decke             |
| Installationsumgebung                               | Indoor            |
| Lichtquelle                                         | LED               |
| Circuit structure                                   | topLED            |
| Optik                                               | No optic          |
| Light emission direction                            | downward          |
| Lampe Nennleistung                                  | 13 W DC           |
| Gesamtleistung                                      | 14.5 W            |
| Lichtstrom (Lichtquelle)                            | 2078 lm           |
| Nominale Eingangsspannung                           | 220 - 240 V AC    |
| Eingangsspannungsbereich                            | 198 - 264 V AC    |
| Frequency                                           | 50 - 60 Hz        |
| Ähnlichste Farbtemperatur / Tone                    | 3000 K            |
| Farbwiedergabeindex                                 | 90 Ra             |
| Gleichstrom/Gleichspannung                          | AC                |
| Isolierklasse                                       | 1                 |
| IP                                                  | IP20              |
| Glühdrahtprüfung                                    | 850°              |
| Direkte Montage auf normal entflammaren Oberflächen | Ja                |
| CE                                                  | Ja                |
| Einschließlich Driver                               | Driver            |
| Leuchte dimmbar                                     | DALI-2 - PUSH DIM |
| Schwenkbarkeit                                      | Nein              |
| Drehbarkeit                                         | Nein              |
| Begehbarkeit                                        | Nein              |
| Überrollbarkeit                                     | Nein              |
| Einschließlich Kabel                                | Nein              |
| Harzbeschichtung                                    | Nein              |
| Typ Lichtabstrahlung                                | Einflammig        |
| Nettogewicht                                        | 1.1 Kg            |
| Modularity                                          | Modular           |
| Schutz vor elektrostatischen Entladungen            | Ja                |
| Schutz vor Stoßspannungen                           | 2 KV              |
| Optiktechnologie                                    | Dot free          |

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

Systeme | 198-264 V AC /180-280 V DC | 144 topLED 13 W DC - 14.5 W AC | Modular |  
CRI 90 | + CU200008  
C00839WHWZZ

Single emission systems for indoor application. The warm white LED light source with a no optic light distribution is composed of 144 topLED LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 2078 lm, with a 159.8 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 IP20; the total weight is of 1.1 kg.

The total absorbed power is 14.5 W

The device features protection class I and can be ceiling-mounted.

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

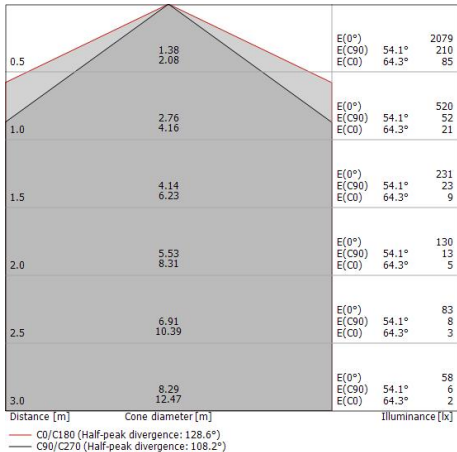
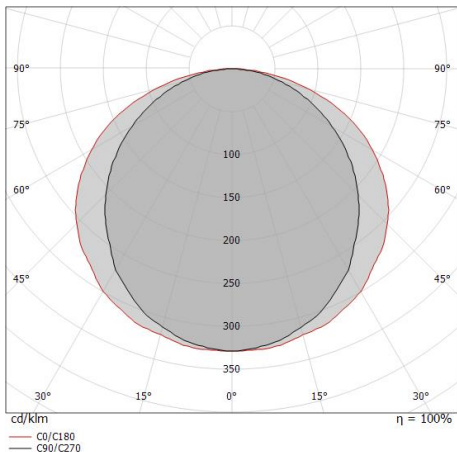
| Energieeffizienzklasse                                              |
|---------------------------------------------------------------------|
| Dieses Produkt enthält 2 Lichtquellen der Energieeffizienzklasse E. |

| Illuminotechnical Eigenschaften       |                |
|---------------------------------------|----------------|
| Light Output Ratio (LOR)              | 75 %           |
| Lichtstrom (Lichtquelle)              | 2078 lm        |
| Leuchten Lichtstrom                   | 1579 lm        |
| Consumption                           | 14.5 W         |
| Leuchten Lichtausbeute                | 108 lm/W       |
| Farbtemperatur                        | 3000 K         |
| Standard Deviation of Colour Matching | 2 Step MacAdam |
| Farbwiedergabeindex                   | 90 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         | 23.5     |
| UGR transversal   | 25.6     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

| OPTICAL                     |                     |
|-----------------------------|---------------------|
| Optik C90/C270              | 108°                |
| Optik C0/C180               | 129°                |
| Light distribution simmetry | Symmetrical 2 assis |



Systeme | 198-264 V AC /180-280 V DC | 144 topLED 13 W DC - 14.5 W AC | Modular |

CRI 90 | + CU200012

C00839WHWZZ

Single emission systems for indoor application. The warm white LED light source with a no optic light distribution is composed of 144 topLED LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 2078 lm, with a 159.8 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 IP20; the total weight is of 1.1 kg.

The total absorbed power is 14.5 W

The device features protection class I and can be ceiling-mounted.

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

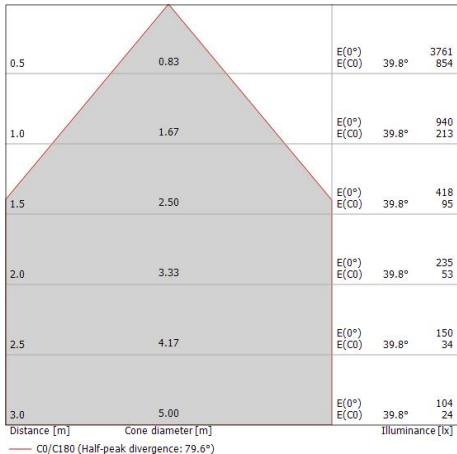
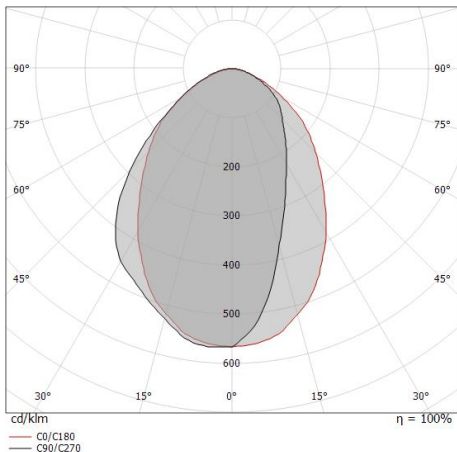
| Energieeffizienzklasse                                              |
|---------------------------------------------------------------------|
| Dieses Produkt enthält 2 Lichtquellen der Energieeffizienzklasse E. |

| Illuminotechnical Eigenschaften       |                |
|---------------------------------------|----------------|
| Light Output Ratio (LOR)              | 79 %           |
| Lichtstrom (Lichtquelle)              | 2078 lm        |
| Leuchten Lichtstrom                   | 1659 lm        |
| Consumption                           | 14.5 W         |
| Leuchten Lichtausbeute                | 114 lm/W       |
| Farbtemperatur                        | 3000 K         |
| Standard Deviation of Colour Matching | 2 Step MacAdam |
| Farbwiedergabeindex                   | 90 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         | 23.5     |
| UGR transversal   | 25.6     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

| OPTICAL                     |              |
|-----------------------------|--------------|
| Optik C0/C180               | 80°          |
| Light distribution simmetry | Asymmetrical |



Systeme | 198-264 V AC /180-280 V DC | 144 topLED 13 W DC - 14.5 W AC | Modular |

CRI 90 | + CU200014

C00839WHWZZ

Single emission systems for indoor application. The warm white LED light source with a no optic light distribution is composed of 144 topLED LEDs with CCT of 3000 K and a CRI 90; the source luminous flux is 2078 lm, with a 159.8 lm/W nominal luminous efficacy.

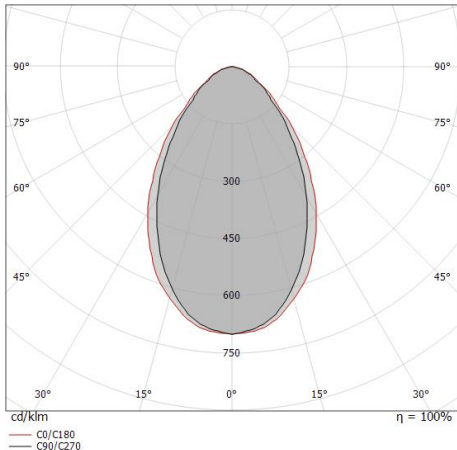
The device body is made of aluminium alloy 6060 and features a text white ral9003 finish, processed by means of powder coating with thermosetting powders.

The ingress protection degree is IP20; the total weight is of 1.1 kg.

The total absorbed power is 14.5 W

The device features protection class I and can be ceiling-mounted.

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



|     |              |                          |                |                      |
|-----|--------------|--------------------------|----------------|----------------------|
| 0.5 | 0.64<br>0.72 | E(0°)<br>E(C90)<br>E(C0) | 32.6°<br>35.8° | 3847<br>1151<br>1029 |
| 1.0 | 1.28<br>1.44 | E(0°)<br>E(C90)<br>E(C0) | 32.6°<br>35.8° | 962<br>288<br>257    |
| 1.5 | 1.92<br>2.16 | E(0°)<br>E(C90)<br>E(C0) | 32.6°<br>35.8° | 427<br>128<br>114    |
| 2.0 | 2.56<br>2.88 | E(0°)<br>E(C90)<br>E(C0) | 32.6°<br>35.8° | 240<br>72<br>64      |
| 2.5 | 3.20<br>3.61 | E(0°)<br>E(C90)<br>E(C0) | 32.6°<br>35.8° | 154<br>46<br>41      |
| 3.0 | 3.84<br>4.33 | E(0°)<br>E(C90)<br>E(C0) | 32.6°<br>35.8° | 107<br>32<br>29      |

Distance [m]      Cone diameter [m]      Illuminance [lx]

— C0/C180 (Half-peak divergence: 71.6°)  
— C90/C270 (Half-peak divergence: 65.2°)

Energieeffizienzklasse

Dieses Produkt enthält 2 Lichtquellen der Energieeffizienzklasse E.

Illuminotechnical Eigenschaften

|                                       |                |
|---------------------------------------|----------------|
| Light Output Ratio (LOR)              | 66 %           |
| Lichtstrom (Lichtquelle)              | 2078 lm        |
| Leuchten Lichtstrom                   | 1374 lm        |
| Consumption                           | 14.5 W         |
| Leuchten Lichtausbeute                | 94 lm/W        |
| Farbtemperatur                        | 3000 K         |
| Standard Deviation of Colour Matching | 2 Step MacAdam |
| Farbwiedergabeindex                   | 90 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 )

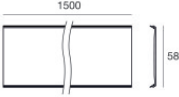
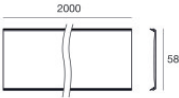
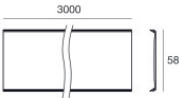
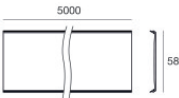
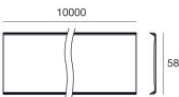
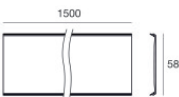
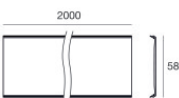
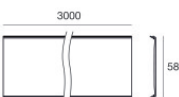
UGR

|                   |          |
|-------------------|----------|
| UGR axial         | 18.3     |
| UGR transversal   | 18.5     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

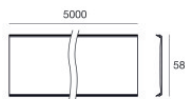
OPTICAL

|                             |                     |
|-----------------------------|---------------------|
| Optik C90/C270              | 65°                 |
| Optik C0/C180               | 72°                 |
| Light distribution simmetry | Symmetrical 2 assis |

Rollip60\_MP | Systems | Accessories  
C00839WHWZZ

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

Rollip60\_MP | Systems | Accessories  
**C00839WHWZZ**



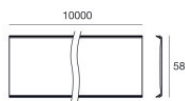
Diffusor - Opal – Länge 5 m

Diffusorart: opal diffuser.

Material:UV beständiges Polycarbonat, farbe:Opal.

**Code**

C-U200008



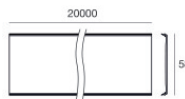
Diffusor - Opal – Länge 10m

Diffusorart: opal diffuser.

Material:UV beständiges Polycarbonat, farbe:Opal.

**Code**

C-U200009



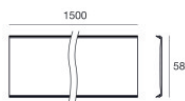
Diffusor - Opal – Länge 20m

Diffusorart: opal diffuser.

Material:UV beständiges Polycarbonat, farbe:Opal.

**Code**

C-U200010



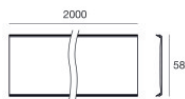
Diffusor - Blendfreier Diffusor – Länge 1.5m

Diffusorart: anti-glare diffuser.

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

**Code**

C-U200044



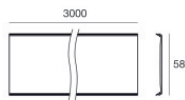
Diffusor - Blendfreier Diffusor – Länge 2m

Diffusorart: anti-glare diffuser.

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

**Code**

C-U200045



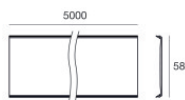
Diffusor - Blendfreier Diffusor – Länge 3m

Diffusorart: anti-glare diffuser.

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

**Code**

C-U200046



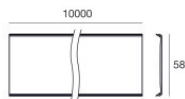
Diffusor - Blendfreier Diffusor – Länge 5m

Diffusorart: anti-glare diffuser.

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

**Code**

C-U200014



Diffusor - Blendfreier Diffusor – Länge 10m

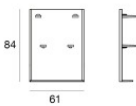
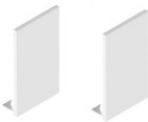
Diffusorart: anti-glare diffuser.

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

**Code**

C-U200015

Rollip60\_MP | Systems | Accessories  
C00839WHWZZ



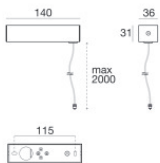
Endkappe  
Material:Stranggepresstes Aluminium EN AB - 46100, farbe:Text white RAL9003, bearbeitungstyp :Pulverbeschichtung mit duroplastischen Pulvern.

Code  
C-V400017



Hängeleuchten - Enthält ein einzelnes Aufhängekabel (KIT). Für das Startmodul werden 2 KITS benötigt, für die weiteren Module 1 KIT pro Modul.  
Material:Stahl, farbe:Text white RAL9003, bearbeitungstyp :Lackierung.

Code  
C-F100003



Drahtabdeckung - Power kit - Single/Double emission - DALI - White  
Material:Eisen, farbe:Text white RAL9003, bearbeitungstyp :Pulverbeschichtung mit duroplastischen Pulvern.

Code  
64660