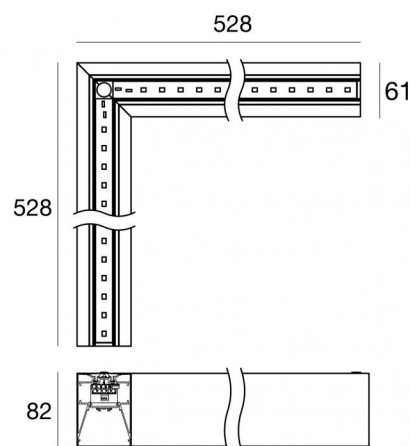
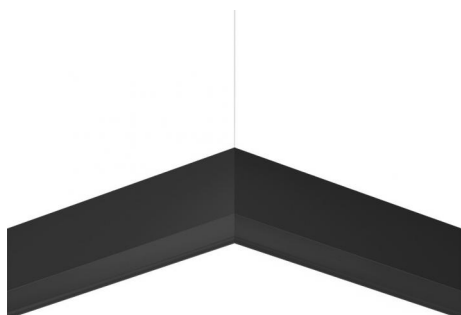


| CRI 90  
C01305BBMDZ



| Technische Daten                                    |                     |
|-----------------------------------------------------|---------------------|
| Typ                                                 | Pendelleuchte       |
| Installationsposition                               | Decke               |
| Installationsumgebung                               | Indoor              |
| Lichtquelle                                         | LED                 |
| Circuit structure                                   | topLED              |
| Optik                                               | Diffused + No Optic |
| Light emission direction                            | downward and upward |
| Lampe Nennleistung                                  | 33 W DC             |
| Gesamtleistung                                      | 36 W                |
| Lichtstrom (Lichtquelle)                            | 4711 lm             |
| Nominale Eingangsspannung                           | 220 - 240 V AC      |
| Eingangsspannungsbereich                            | 198 - 264 V AC      |
| Frequency                                           | 50 - 60 Hz          |
| Ähnlichste Farbtemperatur / Tone                    | 2700 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                                     | Nein                |
| Schwenkbarkeit                                      | Nein                |
| Drehbarkeit                                         | Nein                |
| Begehbarkeit                                        | Nein                |
| Überrollbarkeit                                     | Nein                |
| Einschließlich Kabel                                | Nein                |
| Harzbeschichtung                                    | Nein                |
| Typ Lichtabstrahlung                                | Zweiflammig         |
| 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 black RAL9005                             |
| Bearbeitungstyp               | Pulverbeschichtung mit duroplastischen Pulvern |

| CRI 90 | + CU200008+1  
C01305BBMDZ

Double emission systems for indoor application. The super warm white LED light source with a diffused + no optic light distribution is composed of 216 topped LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 4711 lm, with a 142.8 lm/W nominal luminous efficacy.

The device body is made of aluminium alloy 6060 and features a text black ral9005 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 36 W

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

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

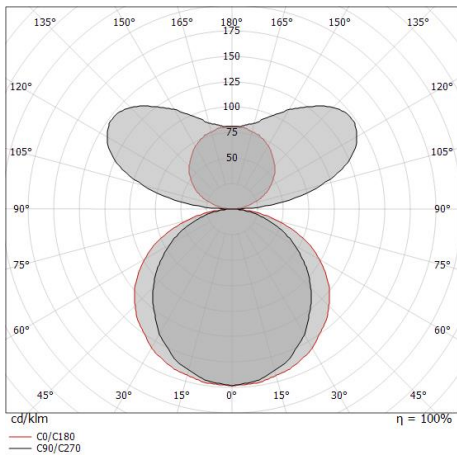
Energieeffizienzklasse

| Illuminotechnical Eigenschaften       |                |
|---------------------------------------|----------------|
| Light Output Ratio (LOR)              | 41 %           |
| Lichtstrom (Lichtquelle)              | 4711 lm        |
| Leuchten Lichtstrom                   | 1947 lm        |
| Consumption                           | 36 W           |
| Leuchten Lichtausbeute                | 54 lm/W        |
| Farbtemperatur                        | 2700 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         | 20.5     |
| UGR transversal   | 22.6     |
| 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 |



|                                                                                       |                   |                          |                |                   |
|---------------------------------------------------------------------------------------|-------------------|--------------------------|----------------|-------------------|
| 0.5                                                                                   | 1.38<br>2.08      | E(0°)<br>E(C90)<br>E(C0) | 54.1°<br>64.3° | 1347<br>136<br>55 |
|                                                                                       |                   |                          |                |                   |
| 1.0                                                                                   | 2.76<br>4.16      | E(0°)<br>E(C90)<br>E(C0) | 54.1°<br>64.3° | 337<br>34<br>14   |
|                                                                                       |                   |                          |                |                   |
| 1.5                                                                                   | 4.14<br>6.23      | E(0°)<br>E(C90)<br>E(C0) | 54.1°<br>64.3° | 150<br>15<br>6    |
|                                                                                       |                   |                          |                |                   |
| 2.0                                                                                   | 5.53<br>8.31      | E(0°)<br>E(C90)<br>E(C0) | 54.1°<br>64.3° | 84<br>8<br>3      |
|                                                                                       |                   |                          |                |                   |
| 2.5                                                                                   | 6.91<br>10.39     | E(0°)<br>E(C90)<br>E(C0) | 54.1°<br>64.3° | 54<br>5<br>2      |
|                                                                                       |                   |                          |                |                   |
| 3.0                                                                                   | 8.29<br>12.47     | E(0°)<br>E(C90)<br>E(C0) | 54.1°<br>64.3° | 37<br>4<br>2      |
|                                                                                       |                   |                          |                |                   |
| Distance [m]                                                                          | Cone diameter [m] | Illuminance [lx]         |                |                   |
| — C0/C180 (Half-peak divergence: 128.6°)<br>— C90/C270 (Half-peak divergence: 108.2°) |                   |                          |                |                   |

| CRI 90 | + CU200008+2  
C01305BBMDZ

Double emission systems for indoor application. The super warm white LED light source with a diffused + no optic light distribution is composed of 216 topped LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 4711 lm, with a 142.8 lm/W nominal luminous efficacy.

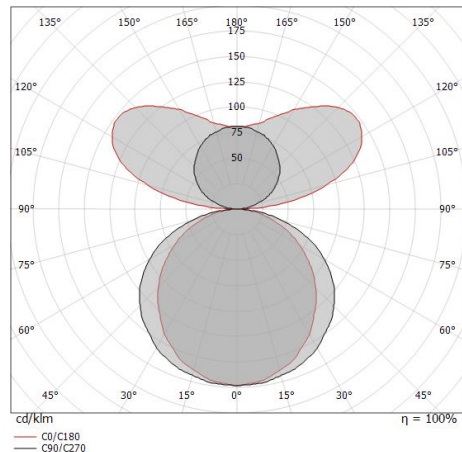
The device body is made of aluminium alloy 6060 and features a text black ral9005 finish, processed by means of powder coating with thermosetting powders.

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

The total absorbed power is 36 W

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

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



Energieeffizienzklasse

Illuminotechnical Eigenschaften

|                                       |                |
|---------------------------------------|----------------|
| Light Output Ratio (LOR)              | 41 %           |
| Lichtstrom (Lichtquelle)              | 4711 lm        |
| Leuchten Lichtstrom                   | 1947 lm        |
| Consumption                           | 36 W           |
| Leuchten Lichtausbeute                | 54 lm/W        |
| Farbtemperatur                        | 2700 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         | 20.5     |
| UGR transversal   | 22.6     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

OPTICAL

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

| CRI 90 | + CU200012+1  
C01305BBMDZ

Double emission systems for indoor application. The super warm white LED light source with a diffused + no optic light distribution is composed of 216 topoled LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 4711 lm, with a 142.8 lm/W nominal luminous efficacy.

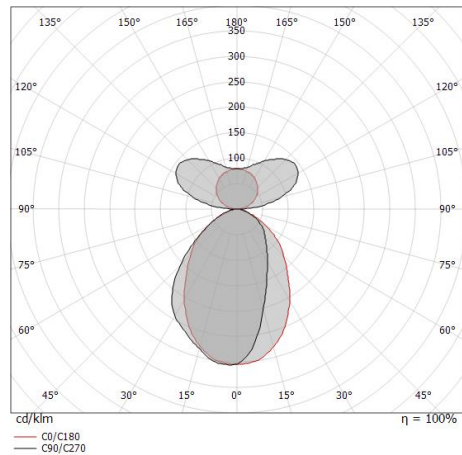
The device body is made of aluminium alloy 6060 and features a text black ral9005 finish, processed by means of powder coating with thermosetting powders.

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

The total absorbed power is 36 W

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

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



| Energieeffizienzklasse                |                |
|---------------------------------------|----------------|
|                                       |                |
| Illuminotechnical Eigenschaften       |                |
| Light Output Ratio (LOR)              | 42 %           |
| Lichtstrom (Lichtquelle)              | 4711 lm        |
| Leuchten Lichtstrom                   | 1999 lm        |
| Consumption                           | 36 W           |
| Leuchten Lichtausbeute                | 55 lm/W        |
| Farbtemperatur                        | 2700 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                             | 20.5           |
| UGR transversal                       | 22.6           |
| X=4H   Y=8H                           | S=0.25H        |
| Reflection factor                     | 70/50/20       |
| OPTICAL                               |                |
| Optik C0/C180                         | 80°            |
| Light distribution simmetry           | Asymmetrical   |

| CRI 90 | + CU200012+2  
C01305BBMDZ

Double emission systems for indoor application. The super warm white LED light source with a diffused + no optic light distribution is composed of 216 topoled LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 4711 lm, with a 142.8 lm/W nominal luminous efficacy.

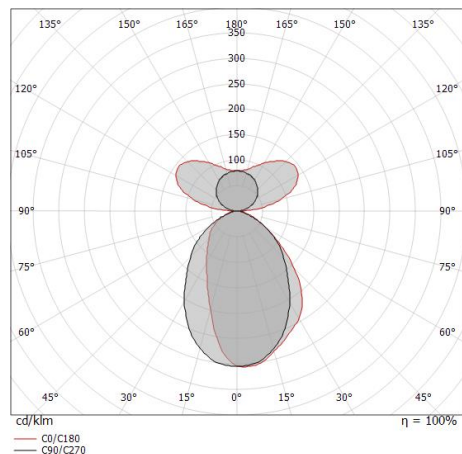
The device body is made of aluminium alloy 6060 and features a text black ral9005 finish, processed by means of powder coating with thermosetting powders.

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

The total absorbed power is 36 W

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

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



| Energieeffizienzklasse                |                |
|---------------------------------------|----------------|
|                                       |                |
| Illuminotechnical Eigenschaften       |                |
| Light Output Ratio (LOR)              | 42 %           |
| Lichtstrom (Lichtquelle)              | 4711 lm        |
| Leuchten Lichtstrom                   | 1999 lm        |
| Consumption                           | 36 W           |
| Leuchten Lichtausbeute                | 55 lm/W        |
| Farbtemperatur                        | 2700 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                             | 20.5           |
| UGR transversal                       | 22.6           |
| X=4H   Y=8H                           | S=0.25H        |
| Reflection factor                     | 70/50/20       |
| OPTICAL                               |                |
| Optik C90/C270                        | 80°            |
| Light distribution simmetry           | Asymmetrical   |

| CRI 90 | + CU200014+1  
C01305BBMDZ

Double emission systems for indoor application. The super warm white LED light source with a diffused + no optic light distribution is composed of 216 toped LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 4711 lm, with a 142.8 lm/W nominal luminous efficacy.

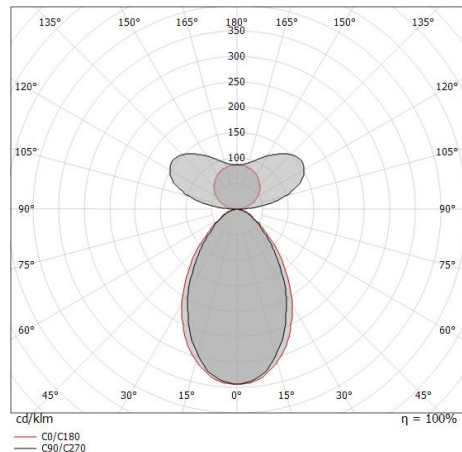
The device body is made of aluminium alloy 6060 and features a text black ral9005 finish, processed by means of powder coating with thermosetting powders.

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

The total absorbed power is 36 W

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

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



| Distance [m] | Cone diameter [m] | Illuminance [lx]                      |
|--------------|-------------------|---------------------------------------|
| 0.5          | 0.64<br>0.72      | E(0°) 2493<br>E(C90) 746<br>E(C0) 667 |
| 1.0          | 1.28<br>1.44      | E(0°) 623<br>E(C90) 186<br>E(C0) 167  |
| 1.5          | 1.92<br>2.16      | E(0°) 277<br>E(C90) 83<br>E(C0) 74    |
| 2.0          | 2.56<br>2.88      | E(0°) 156<br>E(C90) 47<br>E(C0) 42    |
| 2.5          | 3.20<br>3.61      | E(0°) 100<br>E(C90) 30<br>E(C0) 27    |
| 3.0          | 3.84<br>4.33      | E(0°) 69<br>E(C90) 21<br>E(C0) 19     |

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

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

Energieeffizienzklasse

Illuminotechnical Eigenschaften

|                                       |                |
|---------------------------------------|----------------|
| Light Output Ratio (LOR)              | 38 %           |
| Lichtstrom (Lichtquelle)              | 4711 lm        |
| Leuchten Lichtstrom                   | 1814 lm        |
| Consumption                           | 36 W           |
| Leuchten Lichtausbeute                | 50 lm/W        |
| Farbtemperatur                        | 2700 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         | 14.9     |
| UGR transversal   | 15.1     |
| 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 |

| CRI 90 | + CU200014+2  
C01305BBMDZ

Double emission systems for indoor application. The super warm white LED light source with a diffused + no optic light distribution is composed of 216 topped LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 4711 lm, with a 142.8 lm/W nominal luminous efficacy.

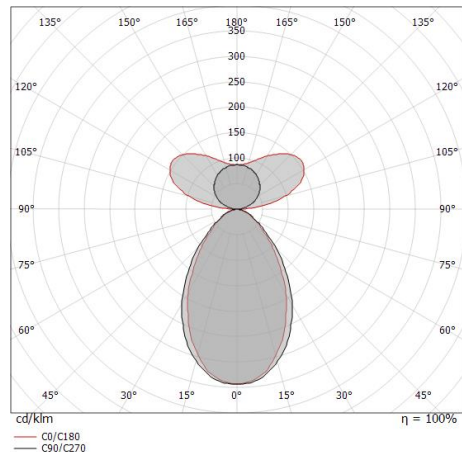
The device body is made of aluminium alloy 6060 and features a text black ral9005 finish, processed by means of powder coating with thermosetting powders.

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

The total absorbed power is 36 W

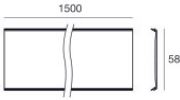
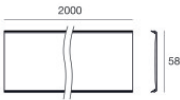
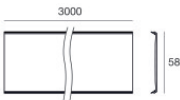
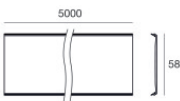
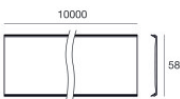
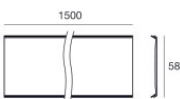
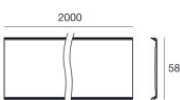
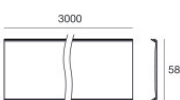
The device features protection class I and can be ceiling-mounted.

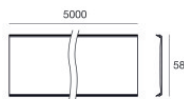
Compliant with the EN 60598-1 standard and its specific provisions.



| Energieeffizienzklasse                |                     |
|---------------------------------------|---------------------|
|                                       |                     |
| Illuminotechnical Eigenschaften       |                     |
| Light Output Ratio (LOR)              | 38 %                |
| Lichtstrom (Lichtquelle)              | 4711 lm             |
| Leuchten Lichtstrom                   | 1814 lm             |
| Consumption                           | 36 W                |
| Leuchten Lichtausbeute                | 50 lm/W             |
| Farbtemperatur                        | 2700 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                             | 14.9                |
| UGR transversal                       | 15.1                |
| X=4H   Y=8H                           | S=0.25H             |
| Reflection factor                     | 70/50/20            |
| OPTICAL                               |                     |
| Optik C90/C270                        | 72°                 |
| Optik C0/C180                         | 65°                 |
| Light distribution simmetry           | Symmetrical 2 assis |

Rollip60\_MP | Systems | Accessories  
C01305BBMDZ

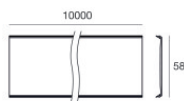
|                                                                                     |                                                                                     |                                                                                                                                               |                                            |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
|    |    | <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\_MP | Systems | Accessories  
**C01305BBMDZ**

Diffusor - Opal – Länge 5 m

Diffusorart: opal diffuser.

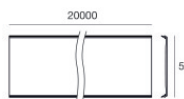
Material:UV beständiges Polycarbonat, farbe:Opal.

**Code**C-U200008

Diffusor - Opal – Länge 10m

Diffusorart: opal diffuser.

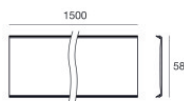
Material:UV beständiges Polycarbonat, farbe:Opal.

**Code**C-U200009

Diffusor - Opal – Länge 20m

Diffusorart: opal diffuser.

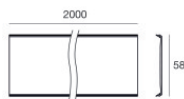
Material:UV beständiges Polycarbonat, farbe:Opal.

**Code**C-U200010

Diffusor - Blendfreier Diffusor – Länge 1.5m

Diffusorart: anti-glare diffuser.

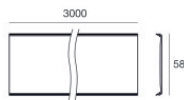
Material:UV beständiges Polycarbonat, farbe:Opal, bearbeitungstyp :Satinieren.

**Code**C-U200044

Diffusor - Blendfreier Diffusor – Länge 2m

Diffusorart: anti-glare diffuser.

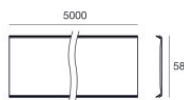
Material:UV beständiges Polycarbonat, farbe:Opal, bearbeitungstyp :Satinieren.

**Code**C-U200045

Diffusor - Blendfreier Diffusor – Länge 3m

Diffusorart: anti-glare diffuser.

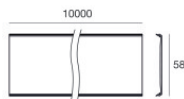
Material:UV beständiges Polycarbonat, farbe:Opal, bearbeitungstyp :Satinieren.

**Code**C-U200046

Diffusor - Blendfreier Diffusor – Länge 5m

Diffusorart: anti-glare diffuser.

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

**Code**C-U200014

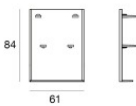
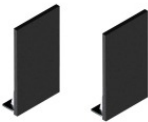
Diffusor - Blendfreier Diffusor – Länge 10m

Diffusorart: anti-glare diffuser.

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

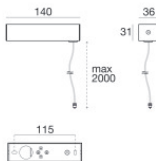
**Code**C-U200015

Rollip60\_MP | Systems | Accessories  
C01305BBMDZ



Endkappe  
Material:Stranggepresstes Aluminium EN AB - 46100, farbe:Text black RAL9005, bearbeitungstyp :Pulverbeschichtung mit duroplastischen Pulvern.

Code  
C-V400018



Drahtabdeckung  
Material:Eisen, farbe:Text black RAL9005, bearbeitungstyp :Pulverbeschichtung mit duroplastischen Pulvern.

Code  
63300



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 black RAL9005, bearbeitungstyp :Lackierung.

Code  
C-F100021