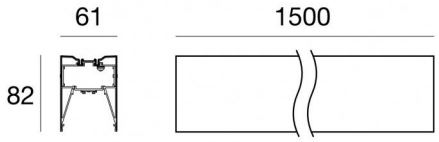
# Rollip60_MP

Systeme | 198-264 V AC /180-280 V DC
216 topLED 19.5 W DC - 22 W AC | Modular | CRI 90
**C00798BBMZZ**




| Technische Daten | |
|---|---|
| Typ | Pendelleuchte |
| Installationsposition | Decke |
| Installationsumgebung | Indoor |
| Lichtquelle | LED |
| Circuit structure | topLED |
| Optik | No optic |
| Light emission direction | downward |
| Lampe Nennleistung | 19.5 W DC |
| Gesamtleistung | 22 W |
| Lichtstrom (Lichtquelle) | 2976 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 entflammbaren 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 | Einflammig |
| Nettogewicht | 1.65 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 |



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Single emission systems for indoor application. The super warm white LED light source with a no optic light distribution is composed of 216 topled LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 2976 lm, with a 152.6 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 1.65 kg.

The total absorbed power is 22 W

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

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

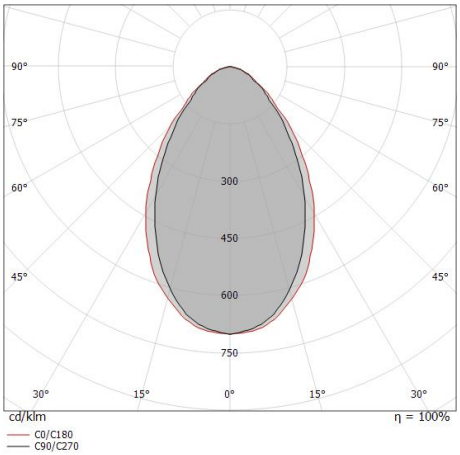
| Energieeffizienzklasse |
|---|
| Dieses Produkt enthält 3 Lichtquellen der Energieeffizienzklasse E. |

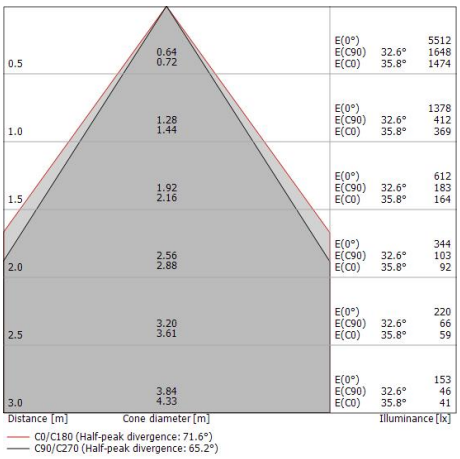
| Illuminotechnical Eigenschaften | |
|---|---|
| Light Output Ratio (LOR) | 66 % |
| Lichtstrom (Lichtquelle) | 2976 lm |
| Leuchten Lichtstrom | 1967 lm |
| Consumption | 22 W |
| Leuchten Lichtausbeute | 89 lm/W |
| Farbtemperatur | 2700 K |
| Standard Deviation of Colour Matching | 2 Step MacAdam |
| 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 | 18.2 |
| UGR transversal | 18.4 |
| 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 |



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Systeme | 198-264 V AC /180-280 V DC | 216 topLED 19.5 W DC - 22 W AC | Modular |

CRI 90

**C00798BBMZZ**

Single emission systems for indoor application. The super warm white LED light source with a no optic light distribution is composed of 216 topled LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 2976 lm, with a 152.6 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 1.65 kg.

The total absorbed power is 22 W

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

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

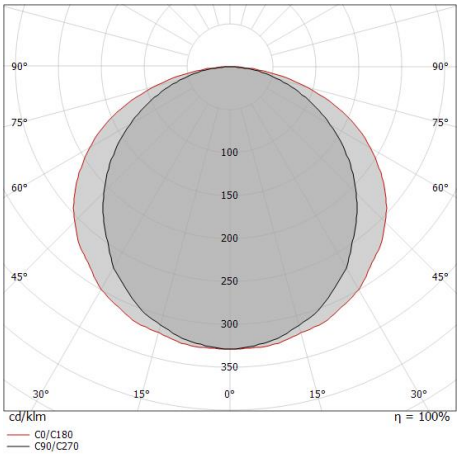
| Energieeffizienzklasse |
|---|
| Dieses Produkt enthält 3 Lichtquellen der Energieeffizienzklasse E. |

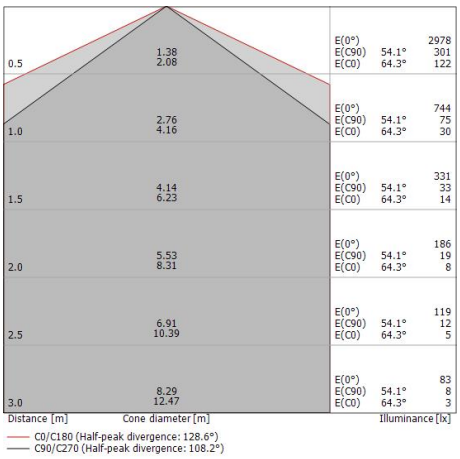
| Illuminotechnical Eigenschaften | |
|---|---|
| Light Output Ratio (LOR) | 76 % |
| Lichtstrom (Lichtquelle) | 2976 lm |
| Leuchten Lichtstrom | 2262 lm |
| Consumption | 22 W |
| Leuchten Lichtausbeute | 102 lm/W |
| Farbtemperatur | 2700 K |
| Standard Deviation of Colour Matching | 2 Step MacAdam |
| 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 | 23.4 |
| UGR transversal | 25.4 |
| 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 |



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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 1.65 kg.

The total absorbed power is 22 W

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

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

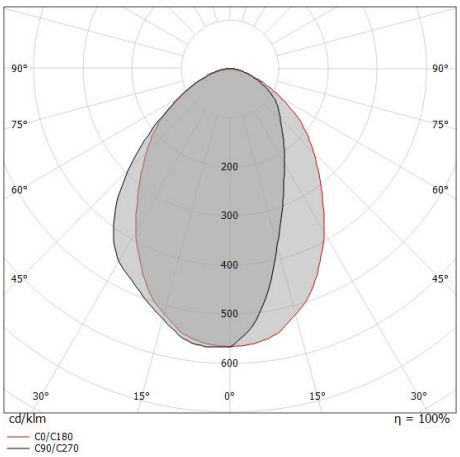
| Energieeffizienzklasse |
|---|
| Dieses Produkt enthält 3 Lichtquellen der Energieeffizienzklasse E. |

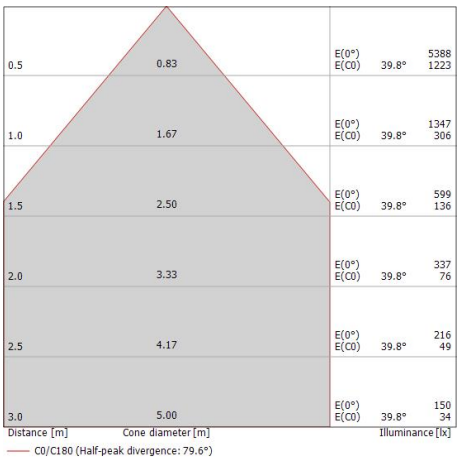
| Illuminotechnical Eigenschaften | |
|---|---|
| Light Output Ratio (LOR) | 79 % |
| Lichtstrom (Lichtquelle) | 2976 lm |
| Leuchten Lichtstrom | 2377 lm |
| Consumption | 22 W |
| Leuchten Lichtausbeute | 108 lm/W |
| Farbtemperatur | 2700 K |
| Standard Deviation of Colour Matching | 2 Step MacAdam |
| 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 | 23.4 |
| UGR transversal | 25.4 |
| X=4H \| Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

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



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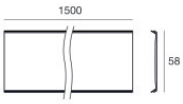
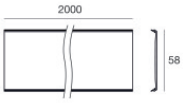
Rollip60_MP | Systems | Accessories
**C00798BBMZZ**



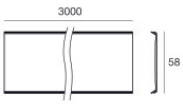

Diffusor - Asymmetrisch - Länge 1.5m
Diffusorart: asymmetric diffuser.
Material:UV beständiges Polycarbonat, farbe:Opal.

**Code**
C-U200038



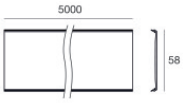

Diffusor - Asymmetrisch - Länge 2m
Diffusorart: asymmetric diffuser.
Material:UV beständiges Polycarbonat, farbe:Opal.

**Code**
C-U200039



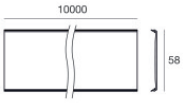

Diffusor - Asymmetrisch - Länge 3m
Diffusorart: asymmetric diffuser.
Material:UV beständiges Polycarbonat, farbe:Opal.

**Code**
C-U200040



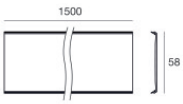

Diffusor - Asymmetrisch - Länge 5m
Diffusorart: asymmetric diffuser.
Material:UV beständiges Polycarbonat, farbe:Opal.

**Code**
C-U200012



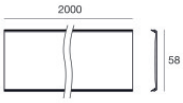

Diffusor - Asymmetrisch - Länge 10m
Diffusorart: asymmetric diffuser.
Material:UV beständiges Polycarbonat, farbe:Opal.

**Code**
C-U200013



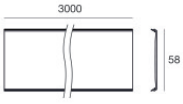

Diffusor - Opal - Länge 1.5m
Diffusorart: opal diffuser.
Material:UV beständiges Polycarbonat, farbe:Opal.

**Code**
C-U200041




Diffusor - Opal - Länge 2m
Diffusorart: opal diffuser.
Material:UV beständiges Polycarbonat, farbe:Opal.

**Code**
C-U200042




Diffusor - Opal - Länge 3m
Diffusorart: opal diffuser.
Material:UV beständiges Polycarbonat, farbe:Opal.

**Code**
C-U200043



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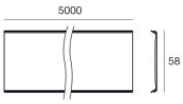
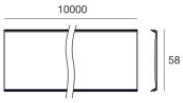
Rollip60_MP | Systems | Accessories
**C00798BBMZZ**



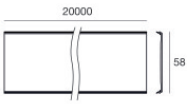

Diffusor - Opal – Länge 5 m
Diffusorart: opal diffuser.
Material:UV beständiges Polycarbonat, farbe:Opal.

**Code**
C-U200008



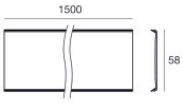

Diffusor - Opal – Länge 10m
Diffusorart: opal diffuser.
Material:UV beständiges Polycarbonat, farbe:Opal.

**Code**
C-U200009



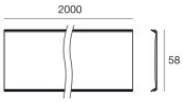

Diffusor - Opal – Länge 20m
Diffusorart: opal diffuser.
Material:UV beständiges Polycarbonat, farbe:Opal.

**Code**
C-U200010



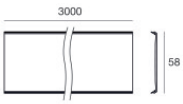

Diffusor - Blendfreier Diffusor – Länge 1.5m
Diffusorart: anti-glare diffuser.
Material:UV beständiges Polycarbonat, farbe:Opal, bearbeitungstyp :Satinieren.

**Code**
C-U200044



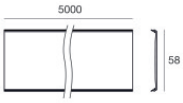

Diffusor - Blendfreier Diffusor – Länge 2m
Diffusorart: anti-glare diffuser.
Material:UV beständiges Polycarbonat, farbe:Opal, bearbeitungstyp :Satinieren.

**Code**
C-U200045



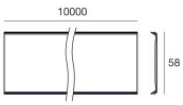

Diffusor - Blendfreier Diffusor – Länge 3m
Diffusorart: anti-glare diffuser.
Material:UV beständiges Polycarbonat, farbe:Opal, bearbeitungstyp :Satinieren.

**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



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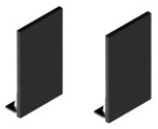
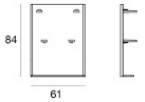
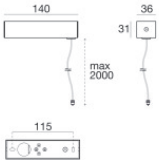
Rollip60_MP | Systems | Accessories
**C00798BBMZZ**






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



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