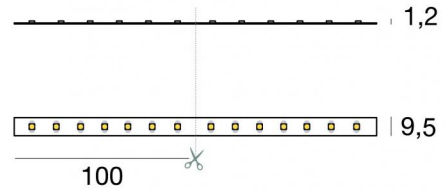


Ribbon Ribbon Plus 70 LEDs/m



LED Strip | 350 topLED 16 W DC 24 V | 3.2 W/m
394 Lm/m | CRI 85

98635



| Technische Daten | |
|---|--------------|
| Länge | 5000 mm |
| Minimaler Schnitt | 100 mm |
| Installationsposition | Wand - Decke |
| Installationsumgebung | Indoor |
| Lichtquelle | LED |
| Circuit structure | topLED |
| Optik | Diffuses |
| Light emission direction | downward |
| Lampe Nennleistung | 16 W DC |
| Lichtstrom (Lichtquelle) | 1970 lm |
| Ähnlichste Farbtemperatur / Tone | 2700 K |
| Farbwiedergabeindex | 85 Ra |
| Gleichstrom/Gleichspannung | CV |
| Isolierklasse | 3 |
| IP | IP20 |
| Glühdrahtprüfung | 650° |
| Direkte Montage auf normal entflammabaren Oberflächen | Ja |
| CE | Ja |
| Einschließlich Driver | Nein |
| Leuchte dimmbar | DALI - 1-10V |
| Schwenkbarkeit | Nein |
| Drehbarkeit | Nein |
| Begehbarkeit | Nein |
| Überrollbarkeit | Nein |
| Einschließlich Kabel | Ja |
| Kabellänge | 0.3 m |
| Harzbeschichtung | Nein |
| Typ Lichtabstrahlung | Einflammig |
| Länge | 5000 mm |
| Nettogewicht | 0.125 Kg |
| Schutz vor elektrostatischen Entladungen | Nein |
| Schutz vor Stoßspannungen | Nein |

Oberfläche Gehäuse

| | |
|----------|---------------|
| Material | Technopolymer |
| Farbe | Weiß |

Elektronik

| | |
|---|---|
|  | 84701 Switching Driver 88-264V AC / 248-373V DC 150 W (1 - 9 art.) |
|  | 99331 On/Off Driver 198-264V AC / 176-275V DC 150 W (1 - 9 art.) |
|  | 99332 1-10V Controller (1 - 9 art.) |
|  | 99374 On/Off Driver 198-264V AC / 176-275V DC 75 W (1 - 4 art.) |
|  | 83062 DALI - Push and Simply Dim Controller 198-264V AC / 176-280V DC 150 W (1 art.) |

Cables Electrification

| | |
|-----------------|--------|
| Max. Kabellänge | 300 mm |
|-----------------|--------|

Ribbon Ribbon Plus 70 LEDs/m



LED Strip | 350 topLED 16 W DC 24 V | 3.2 W/m | 394 Lm/m | CRI 85
98635

Single emission led strip for indoor application. The super warm white LED light source with a diffused light distribution is composed of 350 topped LEDs with CCT of 2700 K and a CRI 85; the source luminous flux is 1970 lm, with a 123.1 lm/W nominal luminous efficacy.

The device body is made of technopolymer and features a white finish. The ingress protection degree is IP20; the total weight is of 0.125 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 16 W. The power supply cable is included and features a 0.3 m length.

The device features protection class III and can be wall lights or ceiling-mounted.

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

Energieeffizienzklasse



ieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse F.

Illuminotechnical Eigenschaften

| | |
|---------------------------------------|----------------|
| Light Output Ratio (LOR) | 100 % |
| Lichtstrom (Lichtquelle) | 1970 lm |
| Leuchten Lichtstrom | 1970 lm |
| Consumption | 16 W |
| Leuchten Lichtausbeute | 123 lm/W |
| Farbtemperatur | 2700 K |
| Standard Deviation of Colour Matching | 3 Step MacAdam |
| Farbwiedergabeindex | 85 Ra |
| Verbindungstemperatur (Leuchte) | 80 |
| Standardumgebungstemperatur | 25°C |

LED Life / Failure Ratio

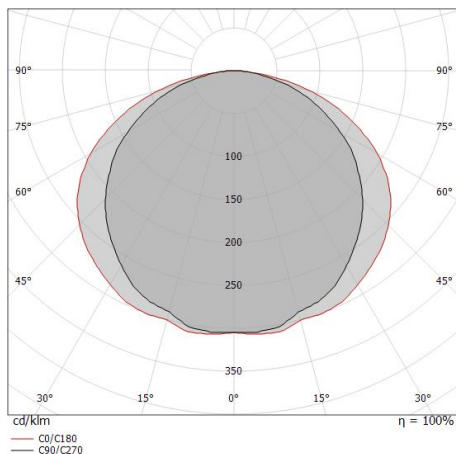
L70 B20 C0 50000h (at Tj 115 Ta 25)

UGR

| | |
|-------------------|----------|
| UGR axial | 25.6 |
| UGR transversal | 27.3 |
| X=4H Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

OPTICAL

| | |
|-----------------------------|---------------------|
| Optik C90/C270 | 116° |
| Optik C0/C180 | 132° |
| Light distribution simmetry | Symmetrical 2 assis |



| Distance [m] | Cone diameter [m] | illuminance [lx] |
|--------------|-------------------|--------------------------------------|
| 0.5 | 1.61 2.26 | E(0°) 2403 E(C90) 176 E(C0) 81 |
| 1.0 | 3.23 4.51 | E(0°) 601 E(C90) 44 E(C0) 20 |
| 1.5 | 4.84 6.77 | E(0°) 267 E(C90) 20 E(C0) 9 |
| 2.0 | 6.45 9.03 | E(0°) 150 E(C90) 11 E(C0) 5 |
| 2.5 | 8.06 11.28 | E(0°) 96 E(C90) 7 E(C0) 3 |
| 3.0 | 9.68 13.54 | E(0°) 67 E(C90) 5 E(C0) 2 |

— C0/C180 (Half-peak divergence: 132.2°)
 — C90/C270 (Half-peak divergence: 116.4°)

Ribbon Ribbon Plus 70 LEDs/m



LED Strip | 350 topLED 16 W DC 24 V | 3.2 W/m | 394 Lm/m | CRI 85

98635

Single emission led strip for indoor application. The super warm white LED light source with a diffused light distribution is composed of 350 topped LEDs with CCT of 2700 K and a CRI 85; the source luminous flux is 1970 lm, with a 123.1 lm/W nominal luminous efficacy.

The device body is made of technopolymer and features a white finish. The ingress protection degree is IP20; the total weight is of 0.125 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 16 W. The power supply cable is included and features a 0.3 m length.

The device features protection class III and can be wall lights or ceiling-mounted.

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

Energieeffizienzklasse



ieses Produkt enthält eine Lichtquelle der Energieeffizienzklasse F.

Illuminotechnical Eigenschaften

| | |
|---------------------------------------|----------------|
| Light Output Ratio (LOR) | 20 % |
| Lichtstrom (Lichtquelle) | 1970 lm |
| Leuchten Lichtstrom | 394 lm |
| Consumption | 3 W |
| Leuchten Lichtausbeute | 131 lm/W |
| Farbtemperatur | 2700 K |
| Standard Deviation of Colour Matching | 3 Step MacAdam |
| Farbwiedergabeindex | 85 Ra |
| Verbindungstemperatur (Leuchte) | 80 |
| Standardumgebungstemperatur | 25°C |

LED Life / Failure Ratio

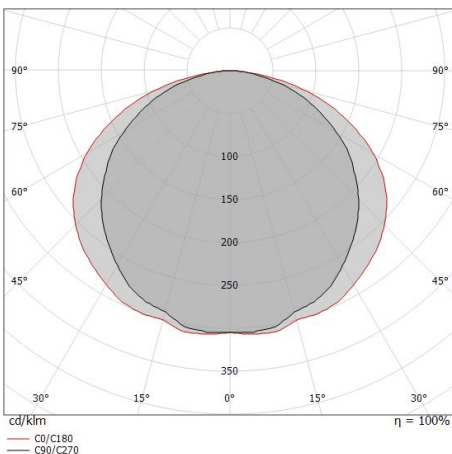
L70 B20 C0 50000h (at Tj 115 Ta 25)

UGR

| | |
|-------------------|----------|
| UGR axial | 25.6 |
| UGR transversal | 27.3 |
| X=4H Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

OPTICAL

| | |
|-----------------------------|---------------------|
| Optik C90/C270 | 116° |
| Optik C0/C180 | 132° |
| Light distribution simmetry | Symmetrical 2 assis |



| Distance [m] | Cone diameter [m] | Optik | E(0°) | E(C90) | E(C0) |
|--------------|-------------------|---------------------|-------|--------|-------|
| 0.5 | 1.61 2.26 | C0/C180 C90/C270 | 481 | 35 | 16 |
| 1.0 | 3.23 4.51 | C0/C180 C90/C270 | 120 | 9 | 4 |
| 1.5 | 4.84 6.77 | C0/C180 C90/C270 | 53 | 4 | 2 |
| 2.0 | 6.45 9.03 | C0/C180 C90/C270 | 30 | 2 | 1 |
| 2.5 | 8.06 11.28 | C0/C180 C90/C270 | 19 | 1 | 1 |
| 3.0 | 9.68 13.54 | C0/C180 C90/C270 | 13 | 1 | 0 |

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

— C0/C180 (Half-peak divergence: 132.2°)
— C90/C270 (Half-peak divergence: 116.4°)

Ribbon Ribbon Plus 70 LEDs/m



LED Strip | 350 topLED 16 W DC 24 V | 3.2 W/m | 394 Lm/m | CRI 85
98635

Components

| | | | |
|--|---|--------------|---|
|  |  | Vojo | Code <u>83129 - 98891 - 98954 - 84446 - 99983</u> |
|  |  | Rive_17/16 | Code <u>99905 - 98893 - 83130 - C-K100015 - C-K100016 - C-K100026 - C-K100027</u> |
|  |  | LUNO_20/27 | Code <u>98929 - 83137 - C-K100017 - C-K100018</u> |
|  |  | Sageto_24/08 | Code <u>98895 - 98965</u> |
|  |  | Roko_33/15 | Code <u>98897</u> |
|  |  | Ghost_64/14 | Code <u>98906</u> |
|  |  | Armita_58/15 | Code <u>98916</u> |
|  |  | Suo_56/10 | Code <u>98937</u> |






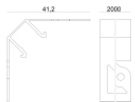

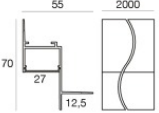


Ribbon Ribbon Plus 70 LEDs/m



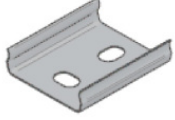
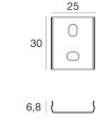

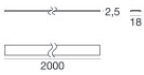












LED Strip | 350 topLED 16 W DC 24 V | 3.2 W/m | 394 Lm/m | CRI 85

98635











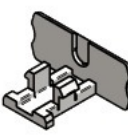


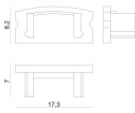

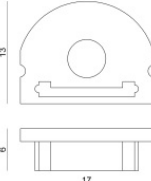
Components

| | | | |
|--|---|---------------|---|
|  |  | Cela_18/18 | Code 98903 - 83131 - C-K100019 - C-K100020 - C-K100028 - C-K100029 |
|  |  | Svik_00/00 | Code <u>98956M</u> |
|  |  | Papilio_41/41 | Code <u>98919</u> |
|  |  | Tabulo_35/14 | Code <u>98921 - C-K100025</u> |
|  |  | Ozner_25/10 | Code <u>98419</u> |



| | | | |
|---|--|--|--|
|  <p>5x</p> |  <p>25 30 6,8</p> | <p>Federn für den Einbau - 5 Stück</p> | <p>Code 98420</p> |
|  |  <p>2,5 18 2000</p> | <p>Diffusor Diffusorart: opalen diffusor. Material:PC, farbe:Opal.</p> | <p>Finish Opaline Code 98395</p> |
|  |  <p>15 2000</p> | <p>Diffusor</p> | <p>Code 98941</p> |
|  |  <p>15 2000</p> | <p>Diffusor</p> | <p>Code 98942</p> |
|  |  <p>15 2000</p> | <p>Diffusor - Opalen Diffusor</p> | <p>Code 98943</p> |
|  |  <p>24 2000</p> | <p>Diffusor</p> | <p>Code 98898</p> |
|  |  <p>24 2000</p> | <p>Diffusor</p> | <p>Code 98899</p> |
|  |  <p>24 2000</p> | <p>Diffusor</p> | <p>Code 98900</p> |



| | | | | |
|---|---|--|------------------------|----------------------|
|  |  | Diffusor | | Code 98917 |
|  |  | Diffusor | | Code 98925 |
|  |  | Diffusor Material:PC, farbe:Schwarz. | Finish Black | Code 83132 |
|  |  | Diffusor Material:PC, farbe:Schwarz. | Finish Black | Code 83138 |
|  |  | Diffusor Material:PC, farbe:Schwarz. | Finish Black | Code 83183 |
|  |  | Endkappe | | Code 98418 |
|  |  | Endkappe - Verschlusskappe Material:PC, farbe:Weiß. | | Code 98892 |
|  |  | Endkappe | | Code 98928 |



Ribbon Ribbon Plus 70 LEDs/m | LED Strip | Accessories
98635

| | | | |
|--|--|---|--------------------------------------|
| | | <p>Endkappe</p> | <p>Code <u>98896</u></p> |
| | | <p>Endkappe</p> | <p>Code <u>98902</u></p> |
| | | <p>Endkappe Material:Aluminium, farbe:poliert.</p> | <p>Code <u>98907</u></p> |
| | | <p>Endkappe Material:PC, farbe:Weiß.</p> | <p>Code <u>98922</u></p> |
| | | <p>Endkappe Material:PC, farbe:Weiß.</p> | <p>Code <u>98918</u></p> |
| | | <p>Endkappe Material:PC, farbe:Schwarz.</p> | <p>Code <u>83133</u></p> |
| | | <p>Endkappe Material:PC, farbe:Schwarz.</p> | <p>Code <u>83136</u></p> |
| | | <p>Endkappe Material:PC, farbe:Schwarz.</p> | <p>Code <u>83139</u></p> |



| | | | |
|--|--|---|---|
| | | <p>Endkappe Material:PC, farbe:Schwarz.</p> | <p>Code 83184</p> |
| | | <p>Klammer - Montagehalterung L=19mm, H=8mm, D=9mm. Material:Eisen, farbe:Zink, bearbeitungstyp :Waschen.</p> | <p>Code 98944</p> |
| | | <p>Klammer L=9mm, H=8.8mm, D=21.8mm. Material:Eisen, farbe:poliert, bearbeitungstyp :Waschen.</p> | <p>Code 98931</p> |
| | | <p>Klammer L=22mm, H=21.5mm, D=16.4mm. Material:PC, farbe:transparent.</p> | <p>Finish Transp.</p> <p>Code 98904</p> |
| | | <p>Klammer L=12mm, H=15mm, D=30mm. Material:PC, farbe:Weiß.</p> | <p>Finish White</p> <p>Code 98901</p> |
| | | <p>Profil Material:Aluminium 6060, farbe:Eloxiertes Aluminium, bearbeitungstyp :Anodisierung 20 µm.</p> | <p>Code 98921</p> |
| | | <p>Profil Material:Aluminium, farbe:Schwarz eloxiert, bearbeitungstyp :Eloxierung.</p> | <p>Code 83130</p> |
| | | <p>Profil Material:Aluminium, farbe:Schwarz eloxiert, bearbeitungstyp :Eloxierung.</p> | <p>Code 83131</p> |

Ribbon Ribbon Plus 70 LEDs/m



Ribbon Ribbon Plus 70 LEDs/m | LED Strip | Accessories

98635

| | | | |
|--|--|--|-------------------------------------|
| | | <p>Profil Material:Aluminium, farbe:Schwarz eloxiert, bearbeitungstyp :Eloxierung.</p> | <p>Code <u>83137</u></p> |
| | | <p>Profil - 10 x Kühlkörper Material:Aluminium 6060, farbe:Eloxiertes Aluminium, bearbeitungstyp :Anodisierung 20 µm.</p> | <p>Code <u>99999</u></p> |
| | | <p>Tüte / Befestigungsset - Aluminiumprofil + St. Opalprofilabdeckung + Kunststoffkappe 2 St. weiß + Satz 5 Metallwinkel + 5 Schrauben</p> | <p>Code <u>84452</u></p> |
| | | <p>Tüte / Befestigungsset - schwarzes Aluminiumprofil + schwarze opale Profilabdeckung + 2 schwarze Kunststoffkappen + 5 Metallbügel + 5 Schrauben</p> | <p>Code <u>84454</u></p> |
| | | <p>Tüte / Befestigungsset - Aluminiumprofil + St. Opalprofilabdeckung + Kunststoffkappe 2 St. weiß + Satz 5 Metallwinkel + 5 Schrauben</p> | <p>Code <u>99905</u></p> |
| | | <p>Tüte / Befestigungsset - Aluminiumprofil + schwarze Profilabdeckung + Kunststoffkappen-Bausatz 2 Stück schwarz + Bausatz mit 5 Kunststoffwinkeln + 5 Schrauben</p> | <p>Code <u>84456</u></p> |