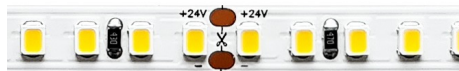


Ribbon HD 160 LEDs/m

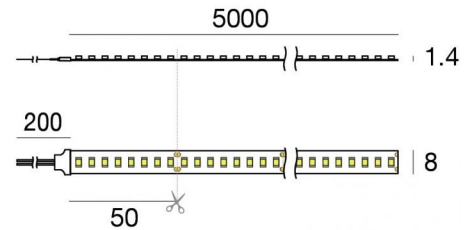


LED Strip | 1 topLED 60 W DC 24 V | 12 W/m
1396.4 Lm/m | CRI 95

C00509WHWDI



| Technical data | |
|--|-----------------------|
| Length | 5000 mm |
| Minimum cut | 50 mm |
| Type | LED Strip |
| Installation position | Wall lights - Ceiling |
| Installation environment | Indoor |
| Light Source | LED |
| Circuit structure | topLED |
| Optics | Diffused |
| Light emission direction | upward |
| Nominal power | 60 W DC |
| Power / m | 12 W / m |
| Source lumens | 6982 lm |
| Source lumens / m | 1396.4 lm / m |
| Input voltage range | 24V |
| CCT / Tone | 3000 K |
| Colour rendering index | 95 Ra |
| C.C. / C.V. | CV |
| Safety class | 3 |
| IP | IP20 |
| Glow wire test | No |
| Direct mounting on normally flammable surfaces | Yes |
| CE | Yes |
| Driver included | No |
| Dimmable article | DALI - 1-10V |
| Directional | No |
| Tilting | No |
| Walk-over | No |
| Drive-over | No |
| Cable included | Yes |
| Cable length | 0.2 m |
| Resin potting | No |
| Type of light emission | Single emission |
| Length | 5000 mm |
| Net weight | 0.36 Kg |
| Electrostatic discharge protection | No |
| Surge protection | No |



Finishing casing

| | |
|----------|---------------|
| Material | Technopolymer |
| Colour | white |

Electronics

| | |
|--|---|
| | 99331 On/Off Driver 198~264V AC / 176~275V DC 150 W (1 - 2 art.) |
| | 99332 1-10V Controller (1 - 2 art.) |
| | 99374 On/Off Driver 198~264V AC / 176~275V DC 75 W (1 art.) |
| | 83333 Push and Simply Dim - DALI-2 Controller (1 - 2 art.) |
| | C-E400002 Push and Simply Dim - DALI-2 Controller (1 - 4 art.) |

Ribbon HD 160 LEDs/m



LED Strip | 1 topLED 60 W DC 24 V | 12 W/m | 1396.4 Lm/m | CRI 95 | Base
C00509WHWDI

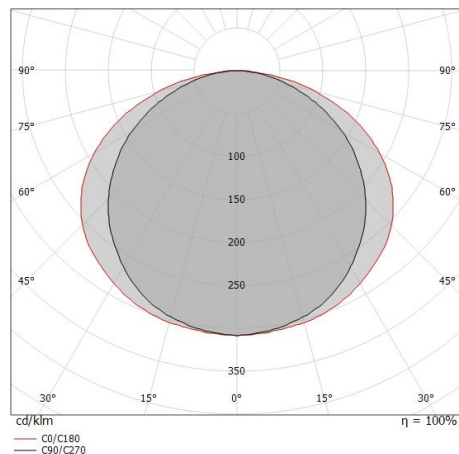
Single emission led strip for indoor application. The warm white LED light source with a diffused light distribution is composed of 800 stripled LEDs with CCT of 3000 K and a CRI 95; the source luminous flux is 6982 lm, with a 116.4 lm/W nominal luminous efficacy.

The device body is made of technopolymer and features a white finish. The ingress protection degree is IP20; the total weight is of 0.36 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 60 W. The power supply cable is included and features a 0.2 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.



| Distance [m] | Cone diameter [m] | illuminance [lx] | E(0°) | E(C90) | E(C0) |
|--------------|-------------------|--------------------|-------|--------|-------|
| 0.5 | 1.57 2.29 | 8609 668 277 | 57.5° | 66.4° | |
| 1.0 | 3.14 4.58 | 2152 167 69 | 57.5° | 66.4° | |
| 1.5 | 4.71 6.87 | 957 74 31 | 57.5° | 66.4° | |
| 2.0 | 6.28 9.16 | 538 42 17 | 57.5° | 66.4° | |
| 2.5 | 7.85 11.44 | 344 27 11 | 57.5° | 66.4° | |
| 3.0 | 9.42 13.73 | 239 19 8 | 57.5° | 66.4° | |

Distance [m] Cone diameter [m] illuminance [lx]

— C0/C180 (Half-peak divergence: 132.8°)
— C90/C270 (Half-peak divergence: 115.0°)

Energy efficiency class



This product contains a light source of energy efficiency class E.

Illuminotechnical Features

| | |
|--|----------------|
| Light Output Ratio (LOR) | 100 % |
| Source lumens | 6982 lm |
| Delivered lumens | 6982 lm |
| Consumption | 60 W |
| Luminaire efficacy | 116 lm/W |
| Colour temperature | 3000 K |
| Standard Deviation of Colour Matching | 3 Step MacAdam |
| Colour rendering index | 95 Ra |
| Standard Operating Ambient Temperature | -20 / +45°C |

LED Life / Failure Ratio

L70 B50 C0 54000h

UGR

| | |
|-------------------|----------|
| UGR axial | 29.5 |
| UGR transversal | 31.5 |
| X=4H Y=8H | S=0.25H |
| Reflection factor | 70/50/20 |

OPTICAL


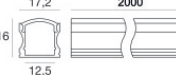





| | |
|-----------------------------|---------------------|
| C90/C270 optics | 115° |
| C0/C180 optics | 133° |
| Light distribution simmetry | Symmetrical 2 assis |

Ribbon HD 160 LEDs/m



LED Strip | 1 topLED 60 W DC 24 V | 12 W/m | 1396.4 Lm/m | CRI 95
C00509WHWDI

Components

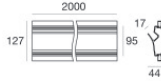
| | | | |
|--|---|----------------------------------|-------------------------------------|
|  |  | LUNO_20/27 - Profili Modular | Code <u>C-K100017</u> |
|  |  | LUNO_20/27 - Profili Modular | Code <u>C-K100018</u> |
|  |  | Rive_17/16 - Profili Modular | Code <u>C-K100015</u> |
|  |  | Rive_17/16 - Profili Modular | Code <u>C-K100016</u> |
|  |  | Cela_18/18 - Profili Modular | Code <u>C-K100019</u> |
|  |  | Cela_18/18 - Profili Modular | Code <u>C-K100020</u> |
|  |  | Tabulo_35/14 - Profili Modular | Code <u>C-K100025</u> |
|  |  | Fylo+ Recessed_2 | Code <u>65007 - 65006</u> |

Ribbon HD 160 LEDs/m



LED Strip | 1 topLED 60 W DC 24 V | 12 W/m | 1396.4 Lm/m | CRI 95
C00509WHWDI

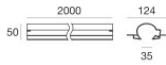
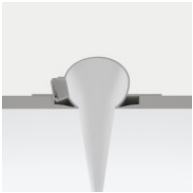
Components



Fylo+ Recessed_1

Code

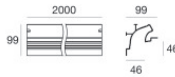
65027 - 65028



Fylo+ Recessed_4

Code

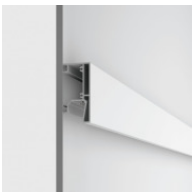
65009 - 65010



Fylo+ Recessed_5

Code

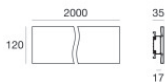
65012 - 65013



Fylo+ Surface_1

Code

65015 - 65016



Fylo+ Surface_2

Code

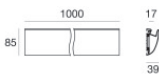
65018 - 65019



Fylo+ Surface_4

Code

65024 - 65025



Fylo+ Surface_3

Code

65022 - 65021



Fylo+ Recessed_3

Code

65004 - 65003

Ribbon HD 160 LEDs/m



LED Strip | 1 topLED 60 W DC 24 V | 12 W/m | 1396.4 Lm/m | CRI 95
C00509WHWDI

Components



Fylo+ Direct_1

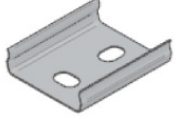
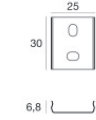

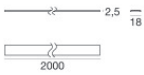












Code

65180 - 65181

Ribbon HD 160 LEDs/m



















Ribbon HD 160 LEDs/m | LED Strip | Accessories
C00509WHWDI

| | | | |
|---|--|---|---|
|  <p>5x</p> |  <p>25 30 6,8</p> | <p>Springs for recessing - 5 pieces</p> | <p>Code <u>98420</u></p> |
|  |  <p>2,5 18 2000</p> | <p>Diffuser Diffuser Type: opaline diffuser. Material:PC, colour:opaline.</p> | <p>Finish Opaline Code <u>98395</u></p> |
|  |  <p>15 2000</p> | <p>Diffuser</p> | <p>Code <u>98941</u></p> |
|  |  <p>15 2000</p> | <p>Diffuser</p> | <p>Code <u>98942</u></p> |
|  |  <p>15 2000</p> | <p>Diffuser - Opaline Diffuser</p> | <p>Code <u>98943</u></p> |
|  |  <p>24 2000</p> | <p>Diffuser</p> | <p>Code <u>98898</u></p> |
|  |  <p>24 2000</p> | <p>Diffuser</p> | <p>Code <u>98899</u></p> |
|  |  <p>24 2000</p> | <p>Diffuser</p> | <p>Code <u>98900</u></p> |

Ribbon HD 160 LEDs/m



Ribbon HD 160 LEDs/m | LED Strip | Accessories
C00509WHWDI

| | | | | |
|--|---|--|--------------------------|--------------------------|
|  |  | Diffuser | | Code 98917 |
|  |  | Diffuser | | Code 98925 |
|  |  | Diffuser Material:PC, colour:black. | Finish Black | Code 83132 |
|  |  | Diffuser Material:PC, colour:opaline. | Finish Opaline | Code C-K200001 |
|  |  | Diffuser Material:PC, colour:black. | Finish Black | Code C-K200002 |
|  |  | Diffuser Material:PC, colour:opaline. | Finish Opaline | Code C-K200003 |
|  |  | Diffuser Material:PC, colour:black. | Finish Black | Code C-K200004 |
|  |  | Diffuser Material:PC, colour:opaline. | Finish Opaline | Code C-K200005 |

Ribbon HD 160 LEDs/m



Ribbon HD 160 LEDs/m | LED Strip | Accessories
C00509WHWDI



Diffuser
 Material:PC, colour:opaline.

Finish
 Opaline **Code**
 C-K200007



Diffuser
 Material:PC, colour:black.

Finish
 Black **Code**
 C-K200009



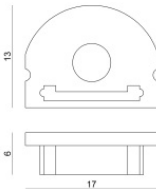
Closing cap

Code
 98418



Closing cap - Closing cap
 Material:PC, colour:white.

Code
 98892



Closing cap

Code
 98928



Closing cap

Code
 98896



Closing cap

Code
 98902



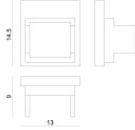
Closing cap
 Material:Aluminium, colour:translucent.

Code
 98907

Ribbon HD 160 LEDs/m

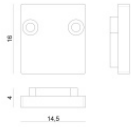


Ribbon HD 160 LEDs/m | LED Strip | Accessories
C00509WHWDI



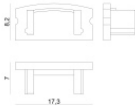
Closing cap
Material:PC, colour:white.

Code
98922



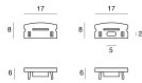
Closing cap
Material:PC, colour:white.

Code
98918



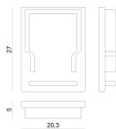
Closing cap
Material:PC, colour:black.

Code
83133



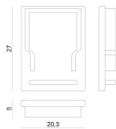
Closing cap
Material:plastic, colour:grey.

Code
C-V400023



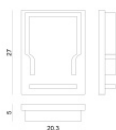
Closing cap
Material:plastic, colour:grey.

Code
C-V400019



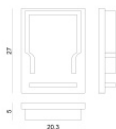
Closing cap
Material:ABS Plastic, colour:black.

Code
C-V400020



Closing cap
Material:plastic, colour:grey.

Code
C-V400021



Closing cap
Material:ABS Plastic, colour:black.

Code
C-V400022

Ribbon HD 160 LEDs/m



Ribbon HD 160 LEDs/m | LED Strip | Accessories
C00509WHWDI

| | | | |
|--|--|---|--|
| | | <p>Closing cap Material:plastic, colour:grey.</p> | <p>Code <u>C-V400025</u></p> |
| | | <p>Closing cap Material:plastic, colour:grey.</p> | <p>Code <u>C-V400027</u></p> |
| | | <p>Closing cap Material:plastic, colour:grey.</p> | <p>Code <u>C-V400029</u></p> |
| | | <p>Closing cap Material:plastic, colour:grey.</p> | <p>Code <u>C-V400031</u></p> |
| | | <p>Closing cap Material:plastic, colour:grey.</p> | <p>Code <u>C-V400033</u></p> |
| | | <p>Closing cap Material:plastic, colour:grey.</p> | <p>Code <u>C-V400035</u></p> |
| | | <p>Closing cap Material:ABS Plastic, colour:black.</p> | <p>Code <u>C-V400036</u></p> |
| | | <p>Closing cap Material:ABS Plastic, colour:black.</p> | <p>Code <u>C-V400038</u></p> |

Ribbon HD 160 LEDs/m



Ribbon HD 160 LEDs/m | LED Strip | Accessories
C00509WHWDI

| | | | |
|--|--|---|---|
| | | <p>Closing cap Material:plastic, colour:grey.</p> | <p>Code <u>C-V400037</u></p> |
| | | <p>Closing cap Material:plastic, colour:grey.</p> | <p>Code <u>C-V400041</u></p> |
| | | <p>Bracket - Mounting bracket L=19mm, H=8mm, D=9mm. Material:Iron, colour:zinc, processing:Washing.</p> | <p>Code <u>98944</u></p> |
| | | <p>Bracket L=9mm, H=8.8mm, D=21.8mm. Material:Iron, colour:translucent, processing:Washing.</p> | <p>Code <u>98931</u></p> |
| | | <p>Bracket L=22mm, H=21.5mm, D=16.4mm. Material:PC, colour:transparent.</p> | <p>Finish Transp. Code <u>98904</u></p> |
| | | <p>Bracket L=12mm, H=15mm, D=30mm. Material:PC, colour:white.</p> | <p>Finish White Code <u>98901</u></p> |
| | | <p>Profile - Wall integrated side profile Material:Aluminium 6060, colour:Anodised Aluminum, processing:20 µm anodizing.</p> | <p>Code <u>98921</u></p> |
| | | <p>Connector - Fast connector for Ribbon Basic V2 8mm, Ribbon HD 8mm (not Ribbon COB) Length 21,6 mm.</p> | <p>Code <u>83396</u></p> |

Ribbon HD 160 LEDs/m



Ribbon HD 160 LEDs/m | LED Strip | Accessories
C00509WHWDI

| | | | |
|--|--|--|--|
| | | <p>Connector - Fast connector for Ribbon Basic V2 8mm, Ribbon HD 8mm (not Ribbon COB) Length 15,4 mm.</p> | <p>Code <u>83397</u></p> |
| | | <p>Connector - Fast connector for Ribbon Plus 10mm - Ribbon PRO - Ribbon PRO 48V Length 21,6 mm.</p> | <p>Code <u>83398</u></p> |
| | | <p>Connector Length 15,4 mm.</p> | <p>Code <u>83399</u></p> |
| | | <p>Optics Light distribution: medium flood,Cover material: pc</p> | <p>Code <u>C-U100001</u></p> |
| | | <p>Bag / Fixing kit</p> | <p>Code <u>C-K100027</u></p> |
| | | <p>Bag / Fixing kit</p> | <p>Code <u>C-K100028</u></p> |
| | | <p>Bag / Fixing kit</p> | <p>Code <u>C-K100029</u></p> |