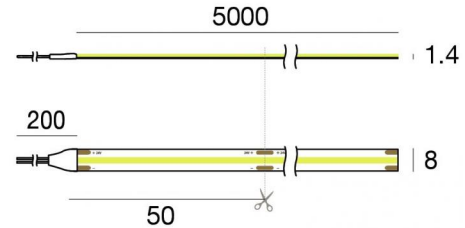


# Ribbon Cob



LED Strip | 1 topLED 50 W DC 24 V | 10 W/m  
955.8 Lm/m | CRI 90

**C00513WHMDI**



| 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                                  | 50 W DC               |
| Power / m                                      | 10 W / m              |
| Source lumens                                  | 4779 lm               |
| Source lumens / m                              | 955.8 lm / m          |
| Input voltage range                            | 24V                   |
| CCT / Tone                                     | 2700 K                |
| Colour rendering index                         | 90 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                                     | 0.17 Kg               |
| Electrostatic discharge protection             | No                    |
| Surge protection                               | No                    |

## Finishing casing

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

## Electronics

|  |   |
|--|---|
|  | 99331<br>On/Off Driver 198~264V AC / 176~275V DC 150 W (1 - 3 art.) |
|  | 99332<br>1-10V Controller (1 - 3 art.)                              |
|  | 99374<br>On/Off Driver 198~264V AC / 176~275V DC 75 W (1 art.)      |
|  | 83333<br>Push and Simply Dim - DALI-2 Controller (1 - 3 art.)       |
|  | C-E400002<br>Push and Simply Dim - DALI-2 Controller (1 - 4 art.)   |



LED Strip | 1 topLED 50 W DC 24 V | 10 W/m | 955.8 Lm/m | CRI 90 | Base  
C00513WHMDI

Single emission led strip for indoor application. The super warm white LED light source with a diffused light distribution is composed of 1600 stripled LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 4779 lm, with a 95.6 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 0.17 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 50 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.

### Energy efficiency class

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



### Illuminotechnical Features

|  |                |
|--|----------------|
| Light Output Ratio (LOR)               | 100 %          |
| Source lumens                          | 4779 lm        |
| Delivered lumens                       | 4779 lm        |
| Consumption                            | 50 W           |
| Luminaire efficacy                     | 95 lm/W        |
| Colour temperature                     | 2700 K         |
| Standard Deviation of Colour Matching  | 3 Step MacAdam |
| Colour rendering index                 | 90 Ra          |
| Standard Operating Ambient Temperature | -20 / +45°C    |

### LED Life / Failure Ratio

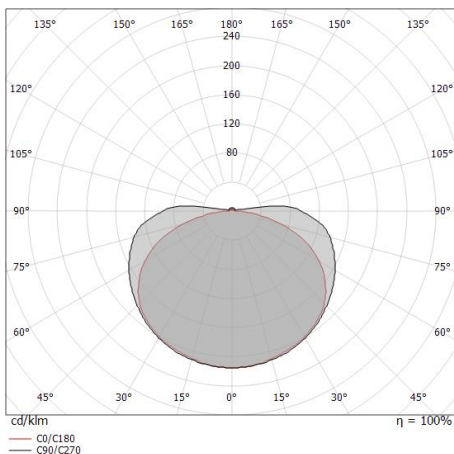
L70 B50 C0 50000h

### UGR

|                   |          |
|-------------------|----------|
| UGR axial         | 32.8     |
| UGR transversal   | 29.4     |
| X=4H   Y=8H       | S=0.25H  |
| Reflection factor | 70/50/20 |

### OPTICAL

|                             |                     |
|-----------------------------|---------------------|
| C90/C270 optics             | 173°                |
| C0/C180 optics              | 135°                |
| Light distribution simmetry | Symmetrical 2 assis |



| Distance [m] | Cone diameter [m] | illuminance [lx] | E(0°) | E(C90) | E(C0) |
|--------------|-------------------|------------------|-------|--------|-------|
| 0.5          | 15.89<br>2.44     | 4113<br>1<br>112 | 86.4° | 67.7°  |       |
| 1.0          | 31.79<br>4.88     | 1028<br>0<br>28  | 86.4° | 67.7°  |       |
| 1.5          | 47.68<br>7.31     | 457<br>0<br>12   | 86.4° | 67.7°  |       |
| 2.0          | 63.58<br>9.75     | 257<br>0<br>7    | 86.4° | 67.7°  |       |
| 2.5          | 79.47<br>12.19    | 165<br>0<br>4    | 86.4° | 67.7°  |       |
| 3.0          | 95.37<br>14.63    | 114<br>0<br>3    | 86.4° | 67.7°  |       |

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

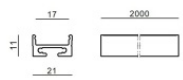

— C0/C180 (Half-peak divergence: 135.4°)  
— C90/C270 (Half-peak divergence: 172.8°)

# Ribbon Cob



LED Strip | 1 topLED 50 W DC 24 V | 10 W/m | 955.8 Lm/m | CRI 90  
**C00513WHMDI**

## Components

|  |   |                                  |                                 |
|--|---|----------------------------------|---------------------------------|
|    |    | LUNO_20/27 - Profili   Modular   | <b>Code</b><br><u>C-K100017</u> |
|    |    | LUNO_20/27 - Profili   Modular   | <b>Code</b><br><u>C-K100018</u> |
|   |   | Rive_17/16 - Profili   Modular   | <b>Code</b><br><u>C-K100015</u> |
|  |  | Rive_17/16 - Profili   Modular   | <b>Code</b><br><u>C-K100016</u> |
|  |  | Cela_18/18 - Profili   Modular   | <b>Code</b><br><u>C-K100019</u> |
|  |  | Cela_18/18 - Profili   Modular   | <b>Code</b><br><u>C-K100020</u> |
|  |  | Tabulo_35/14 - Profili   Modular | <b>Code</b><br><u>C-K100025</u> |

# Ribbon Cob



Ribbon Cob | LED Strip | Accessories  
**C00513WHMDI**

|  |  |   |                                      |
|--|--|---|--------------------------------------|
|  |  | <p>Connector<br/>                 Length 15,4 mm.</p> | <p><b>Code</b><br/> <u>83399</u></p> |
|--|--|---|--------------------------------------|

|  |  |                 |                                      |
|--|--|-----------------|--------------------------------------|
|  |  | <p>Diffuser</p> | <p><b>Code</b><br/> <u>98941</u></p> |
|--|--|-----------------|--------------------------------------|

|  |  |                 |                                      |
|--|--|-----------------|--------------------------------------|
|  |  | <p>Diffuser</p> | <p><b>Code</b><br/> <u>98942</u></p> |
|--|--|-----------------|--------------------------------------|

|  |  |                                    |                                      |
|--|--|------------------------------------|--------------------------------------|
|  |  | <p>Diffuser - Opaline Diffuser</p> | <p><b>Code</b><br/> <u>98943</u></p> |
|--|--|------------------------------------|--------------------------------------|

|        |              | <p>Diffuser<br/>                 Material:PC, colour:black.</p> | <table border="1"> <tr> <th>Finish</th> <th>Code</th> </tr> <tr> <td>Black</td> <td><u>83132</u></td> </tr> </table> | Finish | Code | Black | <u>83132</u> |
|--------|--------------|---|--|--------|------|-------|--------------|
| Finish | Code         |   |  |        |      |       |              |
| Black  | <u>83132</u> |   |  |        |      |       |              |

|  |  |  |  |
|--|--|--|--|
|  |  | <p>Optics<br/>                 Light distribution: medium flood,Cover material: pc</p> | <p><b>Code</b><br/> <u>C-U100001</u></p> |
|--|--|--|--|


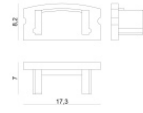

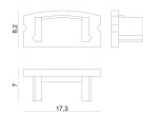

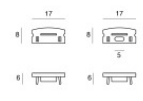

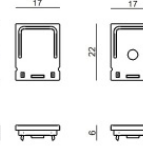



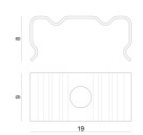




|         |                  | <p>Diffuser<br/>                 Material:PC, colour:opaline.</p> | <table border="1"> <tr> <th>Finish</th> <th>Code</th> </tr> <tr> <td>Opaline</td> <td><u>C-K200005</u></td> </tr> </table> | Finish | Code | Opaline | <u>C-K200005</u> |
|---------|------------------|---|--|--------|------|---------|------------------|
| Finish  | Code             |   |  |        |      |         |                  |
| Opaline | <u>C-K200005</u> |   |  |        |      |         |                  |

|         |                  | <p>Diffuser<br/>                 Material:PC, colour:opaline.</p> | <table border="1"> <tr> <th>Finish</th> <th>Code</th> </tr> <tr> <td>Opaline</td> <td><u>C-K200007</u></td> </tr> </table> | Finish | Code | Opaline | <u>C-K200007</u> |
|---------|------------------|---|--|--------|------|---------|------------------|
| Finish  | Code             |   |  |        |      |         |                  |
| Opaline | <u>C-K200007</u> |   |  |        |      |         |                  |

# Ribbon Cob





Ribbon Cob | LED Strip | Accessories  
**C00513WHMDI**



|  |   |   |  |
|--|---|---|--|
|    |    | <p>Closing cap - Closing cap<br/>           Material:PC, colour:white.</p>  | <p><b>Code</b><br/> <u>98892</u></p>     |
|    |    | <p>Closing cap<br/>           Material:PC, colour:black.</p>  | <p><b>Code</b><br/> <u>83133</u></p>     |
|   |    | <p>Closing cap<br/>           Material:plastic, colour:grey.</p>  | <p><b>Code</b><br/> <u>C-V400023</u></p> |
|  |  | <p>Closing cap<br/>           Material:plastic, colour:grey.</p>  | <p><b>Code</b><br/> <u>C-V400027</u></p> |
|  |  | <p>Closing cap<br/>           Material:plastic, colour:grey.</p>  | <p><b>Code</b><br/> <u>C-V400029</u></p> |
|  |  | <p>Bracket - Mounting bracket<br/>           L=19mm, H=8mm, D=9mm.<br/>           Material:Iron, colour:zinc, processing:Washing.</p> | <p><b>Code</b><br/> <u>98944</u></p>     |
|  |  | <p>Diffuser</p>   | <p><b>Code</b><br/> <u>98925</u></p>     |
|  |  | <p>Closing cap</p>  | <p><b>Code</b><br/> <u>98928</u></p>     |


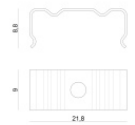
# Ribbon Cob





Ribbon Cob | LED Strip | Accessories  
**C00513WHMDI**


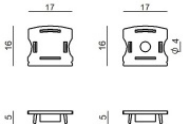
|  |   |   |               |             |
|--|---|---|---------------|-------------|
|  |  | <p>Diffuser<br/>                     Material:PC, colour:opaline.</p> | <b>Finish</b> | <b>Code</b> |
|  |   |   | Opaline       | C-K200001   |


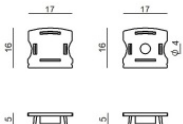
|  |   |   |               |             |
|--|---|---|---------------|-------------|
|  |  | <p>Diffuser<br/>                     Material:PC, colour:black.</p> | <b>Finish</b> | <b>Code</b> |
|  |   |   | Black         | C-K200002   |


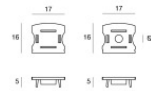
|   |  |   |             |
|---|--|---|-------------|
|  |  | <p>Bracket<br/>                     L=9mm, H=8.8mm, D=21.8mm.<br/>                     Material:Iron, colour:translucent, processing:Washing.</p> | <b>Code</b> |
|   |  |   | 98931       |

|  |   |   |               |             |
|--|---|---|---------------|-------------|
|  |  | <p>Diffuser<br/>                     Material:PC, colour:opaline.</p> | <b>Finish</b> | <b>Code</b> |
|  |   |   | Opaline       | C-K200003   |

|  |   |   |               |             |
|--|---|---|---------------|-------------|
|  |  | <p>Diffuser<br/>                     Material:PC, colour:black.</p> | <b>Finish</b> | <b>Code</b> |
|  |   |   | Black         | C-K200004   |

|  |   |  |             |
|--|---|--|-------------|
|  |  | <p>Closing cap<br/>                     Material:plastic, colour:grey.</p> | <b>Code</b> |
|  |   |  | C-V400035   |

|  |   |   |             |
|--|---|---|-------------|
|  |  | <p>Closing cap<br/>                     Material:ABS Plastic, colour:black.</p> | <b>Code</b> |
|  |   |   | C-V400036   |

|  |   |  |             |
|--|---|--|-------------|
|  |  | <p>Closing cap<br/>                     Material:plastic, colour:grey.</p> | <b>Code</b> |
|  |   |  | C-V400025   |

# Ribbon Cob



Ribbon Cob | LED Strip | Accessories  
**C00513WHMDI**

|  |  |  |  |
|--|--|--|--|
|  |  | <p>Closing cap<br/>         Material:plastic, colour:grey.</p> | <p><b>Code</b><br/> <u>C-V400031</u></p> |
|  |  | <p>Closing cap<br/>         Material:plastic, colour:grey.</p> | <p><b>Code</b><br/> <u>C-V400033</u></p> |
|  |  | <p>Bag / Fixing kit</p>  | <p><b>Code</b><br/> <u>C-K100027</u></p> |
|  |  | <p>Closing cap</p>   | <p><b>Code</b><br/> <u>98896</u></p>     |
|  |  | <p>Diffuser</p>  | <p><b>Code</b><br/> <u>98898</u></p>     |
|  |  | <p>Diffuser</p>  | <p><b>Code</b><br/> <u>98899</u></p>     |
|  |  | <p>Diffuser</p>  | <p><b>Code</b><br/> <u>98900</u></p>     |
|  |  | <p>Closing cap</p>   | <p><b>Code</b><br/> <u>98902</u></p>     |

# Ribbon Cob



Ribbon Cob | LED Strip | Accessories  
**C00513WHMDI**

|        |  | <p><b>Bracket</b><br/>           L=12mm, H=15mm, D=30mm.<br/>           Material:PC, colour:white.</p>  | <table border="1"> <thead> <tr> <th>Finish</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>White</td> <td>98901</td> </tr> </tbody> </table> | Finish | Code  | White     | 98901 |
|--------|--|---|---|--------|-------|-----------|-------|
| Finish | Code   |   |   |        |       |           |       |
| White  | 98901  |   |   |        |       |           |       |
|        |  | <p><b>Closing cap</b><br/>           Material:Aluminium, colour:translucent.</p>  | <p><b>Code</b><br/> <u>98907</u></p>  |        |       |           |       |
|        |  | <p><b>Diffuser</b></p>  | <p><b>Code</b><br/> <u>98917</u></p>  |        |       |           |       |
|        |  | <p><b>Closing cap</b><br/>           Material:PC, colour:white.</p>   | <p><b>Code</b><br/> <u>98918</u></p>  |        |       |           |       |
|        |  | <p><b>Profile - Wall integrated side profile</b><br/>           Material:Aluminium 6060, colour:Anodised Aluminum, processing:20 µm anodizing.</p>  | <p><b>Code</b><br/> <u>98921</u></p>  |        |       |           |       |
|        |  | <p><b>Closing cap</b><br/>           Material:PC, colour:white.</p>   | <p><b>Code</b><br/> <u>98922</u></p>  |        |       |           |       |
|        | <p><b>Diffuser</b><br/>           Material:PC, colour:black.</p> | <table border="1"> <thead> <tr> <th>Finish</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>Black</td> <td>C-K200009</td> </tr> </tbody> </table> | Finish  | Code   | Black | C-K200009 |       |
| Finish | Code   |   |   |        |       |           |       |
| Black  | C-K200009  |   |   |        |       |           |       |
|        |  | <p><b>Closing cap</b><br/>           Material:plastic, colour:grey.</p>   | <p><b>Code</b><br/> <u>C-V400041</u></p>  |        |       |           |       |



# Ribbon Cob



Ribbon Cob | LED Strip | Accessories  
**C00513WHMDI**

|                  |  |   |  |
|------------------|--|---|--|
|                  |  | <p>Diffuser<br/>           Diffuser Type: opaline diffuser.<br/>           Material:PC, colour:opaline.</p> | <p><b>Finish</b><br/> <span style="background-color: #e0e0e0;">Opaline</span></p> <p><b>Code</b><br/> <u>98395</u></p> |
|                  |  | <p>Closing cap</p>  | <p><b>Code</b><br/> <u>98418</u></p>   |
| <p><b>5x</b></p> |  | <p>Springs for recessing - 5 pieces</p>   | <p><b>Code</b><br/> <u>98420</u></p>   |
|                  |  | <p>Closing cap<br/>           Material:plastic, colour:grey.</p>  | <p><b>Code</b><br/> <u>C-V400037</u></p>   |
|                  |  | <p>Closing cap<br/>           Material:ABS Plastic, colour:black.</p>                                       | <p><b>Code</b><br/> <u>C-V400038</u></p>   |
|                  |  | <p>Bracket<br/>           L=22mm, H=21.5mm, D=16.4mm.<br/>           Material:PC, colour:transparent.</p>   | <p><b>Finish</b><br/> <span style="background-color: #e0e0e0;">Transp.</span></p> <p><b>Code</b><br/> <u>98904</u></p> |
|                  |  | <p>Bag / Fixing kit</p>   | <p><b>Code</b><br/> <u>C-K100028</u></p>   |
|                  |  | <p>Bag / Fixing kit</p>   | <p><b>Code</b><br/> <u>C-K100029</u></p>   |

# Ribbon Cob



Ribbon Cob | LED Strip | Accessories  
**C00513WHMDI**



Connector - Fast connector for Ribbon Basic V2 8mm, Ribbon HD 8mm (not Ribbon COB)  
Length 21,6 mm.

**Code**  
83396



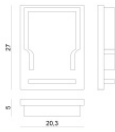
Connector - Fast connector for Ribbon Basic V2 8mm, Ribbon HD 8mm (not Ribbon COB)  
Length 15,4 mm.

**Code**  
83397



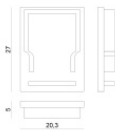
Connector - Quick cable-strip / strip-strip connector for Ribbon COB  
Length 9.6 mm.

**Code**  
C-W400003



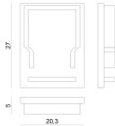
Closing cap  
Material:plastic, colour:grey.

**Code**  
C-V400019



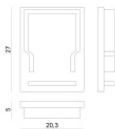
Closing cap  
Material:ABS Plastic, colour:black.

**Code**  
C-V400020



Closing cap  
Material:plastic, colour:grey.

**Code**  
C-V400021



Closing cap  
Material:ABS Plastic, colour:black.

**Code**  
C-V400022