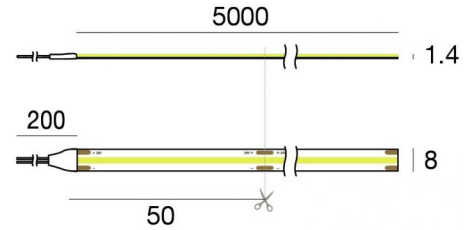


# Ribbon Cob



LED Strip | 1 topLED 50 W DC 24 V | 10 W/m  
1138 Lm/m | CRI 90

**C00513WHNDI**



## 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	5690 lm
Source lumens / m	1138 lm / m
Input voltage range	24V
CCT / Tone	4000 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 On/Off Driver 198~264V AC / 176~275V DC 150 W (1 - 3 art.)
	99332 1-10V Controller (1 - 3 art.)
	99374 On/Off Driver 198~264V AC / 176~275V DC 75 W (1 art.)
	83333 Push and Simply Dim - DALI-2 Controller (1 - 3 art.)
	C-E400002 Push and Simply Dim - DALI-2 Controller (1 - 4 art.)

# Ribbon Cob



LED Strip | 1 topLED 50 W DC 24 V | 10 W/m | 1138 Lm/m | CRI 90 | Base  
**C00513WHNDI**

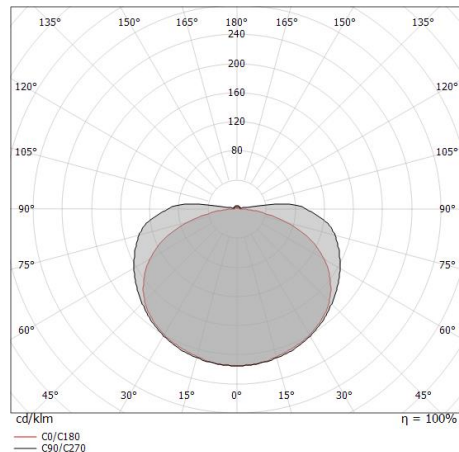
Single emission led strip for indoor application. The natural white LED light source with a diffused light distribution is composed of 1600 stripled LEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 5690 lm, with a 113.8 lm/W nominal luminous efficacy.

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.



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	15.89 2.44	E(0°) 4897 E(C90) 1 E(C0) 134
1.0	31.79 4.88	E(0°) 1224 E(C90) 0 E(C0) 33
1.5	47.68 7.31	E(0°) 544 E(C90) 0 E(C0) 15
2.0	63.58 9.75	E(0°) 306 E(C90) 0 E(C0) 8
2.5	79.47 12.19	E(0°) 196 E(C90) 0 E(C0) 5
3.0	95.37 14.63	E(0°) 136 E(C90) 0 E(C0) 4

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

## Energy efficiency class

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



## Illuminotechnical Features

Light Output Ratio (LOR)	100 %
Source lumens	5690 lm
Delivered lumens	5690 lm
Consumption	50 W
Luminaire efficacy	113 lm/W
Colour temperature	4000 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	33.4
UGR transversal	30
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

## OPTICAL


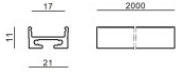

C90/C270 optics	173°
C0/C180 optics	135°
Light distribution simmetry	Symmetrical 2 assis

# Ribbon Cob



LED Strip | 1 topLED 50 W DC 24 V | 10 W/m | 1138 Lm/m | CRI 90  
**C00513WHNDI**

## Components

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

# Ribbon Cob



Ribbon Cob | LED Strip | Accessories  
**C00513WHNDI**

		<p>Connector                  Length 15,4 mm.</p>	<p><b>Code</b>  <u>83399</u></p>
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		<p>Diffuser</p>	<p><b>Code</b>  <u>98941</u></p>
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		<p>Diffuser</p>	<p><b>Code</b>  <u>98942</u></p>
--	--	-----------------	--------------------------------------

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

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

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


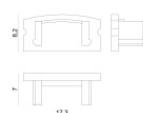

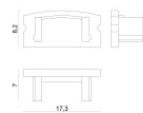

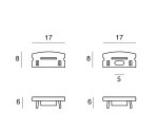

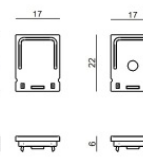



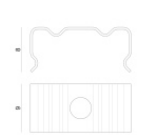

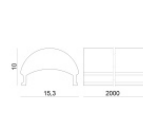


		<p>Diffuser                  Material:PC, colour:opaline.</p>	<table border="1"> <tr> <th>Finish</th> <th>Code</th> </tr> <tr> <td>Opaline</td> <td>C-K200005</td> </tr> </table>	Finish	Code	Opaline	C-K200005
Finish	Code						
Opaline	C-K200005						

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

# Ribbon Cob





Ribbon Cob | LED Strip | Accessories  
**C00513WHNDI**

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

# Ribbon Cob





Ribbon Cob | LED Strip | Accessories  
**C00513WHNDI**


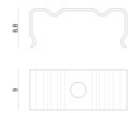
**Diffuser**  
 Material:PC, colour:opaline.

**Finish** **Code**  
 Opaline C-K200001

**Diffuser**  
 Material:PC, colour:black.

**Finish** **Code**  
 Black C-K200002



**Bracket**  
 L=9mm, H=8.8mm, D=21.8mm.  
 Material:Iron, colour:translucent, processing:Washing.

**Code**  
 98931




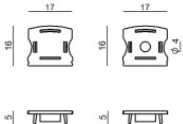

**Diffuser**  
 Material:PC, colour:opaline.

**Finish** **Code**  
 Opaline C-K200003


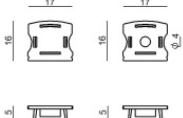
**Diffuser**  
 Material:PC, colour:black.

**Finish** **Code**  
 Black C-K200004


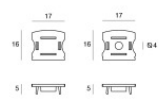
**Closing cap**  
 Material:plastic, colour:grey.

**Code**  
 C-V400035

**Closing cap**  
 Material:ABS Plastic, colour:black.

**Code**  
 C-V400036

**Closing cap**  
 Material:plastic, colour:grey.

**Code**  
 C-V400025

# Ribbon Cob



Ribbon Cob | LED Strip | Accessories  
**C00513WHNDI**

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

# Ribbon Cob



Ribbon Cob | LED Strip | Accessories  
**C00513WHNDI**

		<p><b>Bracket</b>            L=12mm, H=15mm, D=30mm.            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>            Material:Aluminium, colour:translucent.</p>	<p><b>Code</b>  <u>98907</u></p>				
		<p><b>Diffuser</b></p>	<p><b>Code</b>  <u>98917</u></p>				
		<p><b>Closing cap</b>            Material:PC, colour:white.</p>	<p><b>Code</b>  <u>98918</u></p>				
		<p><b>Profile - Wall integrated side profile</b>            Material:Aluminium 6060, colour:Anodised Aluminum, processing:20 µm anodizing.</p>	<p><b>Code</b>  <u>98921</u></p>				
		<p><b>Closing cap</b>            Material:PC, colour:white.</p>	<p><b>Code</b>  <u>98922</u></p>				
	<p><b>Diffuser</b>            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>            Material:plastic, colour:grey.</p>	<p><b>Code</b>  <u>C-V400041</u></p>				



# Ribbon Cob



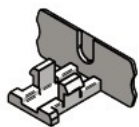
Ribbon Cob | LED Strip | Accessories  
**C00513WHNDI**



**Diffuser**  
 Diffuser Type: opaline diffuser.  
 Material:PC, colour:opaline.

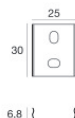
**Finish**  
 Opaline

**Code**  
 98395



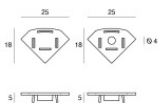
**Closing cap**

**Code**  
 98418



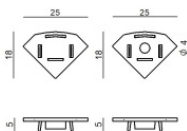
**Springs for recessing - 5 pieces**

**Code**  
 98420



**Closing cap**  
 Material:plastic, colour:grey.

**Code**  
 C-V400037



**Closing cap**  
 Material:ABS Plastic, colour:black.

**Code**  
 C-V400038



**Bracket**  
 L=22mm, H=21.5mm, D=16.4mm.  
 Material:PC, colour:transparent.

**Finish**  
 Transp.

**Code**  
 98904



**Bag / Fixing kit**

**Code**  
 C-K100028



**Bag / Fixing kit**

**Code**  
 C-K100029

# Ribbon Cob



Ribbon Cob | LED Strip | Accessories  
**C00513WHNDI**



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

**Code**  
83396



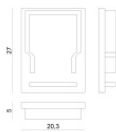
Connector - Fast connector for Ribbon Basic V2 8mm, Ribbon HD 8mm (not Ribbon COB)  
 Length 15,4 mm.

**Code**  
83397



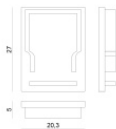
Connector - Quick cable-strip / strip-strip connector for Ribbon COB  
 Length 9.6 mm.

**Code**  
C-W400003



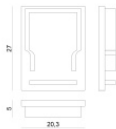
Closing cap  
 Material:plastic, colour:grey.

**Code**  
C-V400019



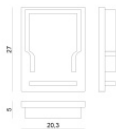
Closing cap  
 Material:ABS Plastic, colour:black.

**Code**  
C-V400020



Closing cap  
 Material:plastic, colour:grey.

**Code**  
C-V400021



Closing cap  
 Material:ABS Plastic, colour:black.

**Code**  
C-V400022