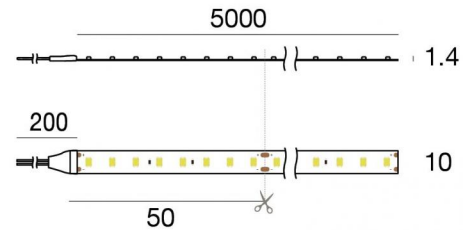


# Ribbon HE 160 LEDs/m



LED Strip | 1 topLED 108 W DC 24 V | 21.6 W/m  
2767.6 Lm/m | CRI 83+  
**C00507WHMDI**



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	108 W DC
Power / m	21.6 W / m
Source lumens	13838 lm
Source lumens / m	2767.6 lm / m
Input voltage range	24V
CCT / Tone	2700 K
Colour rendering index	83+ 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 art.)
	99332 1-10V Controller (1 art.)
	99374 On/Off Driver 198~264V AC / 176~275V DC 75 W (1 art.)
	83333 Push and Simply Dim - DALI-2 Controller (1 art.)
	C-E400002 Push and Simply Dim - DALI-2 Controller (1 - 2 art.)

# Ribbon HE 160 LEDs/m



LED Strip | 1 topLED 108 W DC 24 V | 21.6 W/m | 2767.6 Lm/m | CRI 83+ | Base  
C00507WHMDI

Single emission led strip for indoor application. The super warm white LED light source with a diffused light distribution is composed of 800 stripled LEDs with CCT of 2700 K and a CRI 83+; the source luminous flux is 13838 lm, with a 128.1 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 0.17 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 108 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 E.



## Illuminotechnical Features

Light Output Ratio (LOR)	100 %
Source lumens	13838 lm
Delivered lumens	13838 lm
Consumption	108 W
Luminaire efficacy	128 lm/W
Colour temperature	2700 K
Standard Deviation of Colour Matching	3 Step MacAdam
Standard Operating Ambient Temperature	-20 / +45°C

## LED Life / Failure Ratio

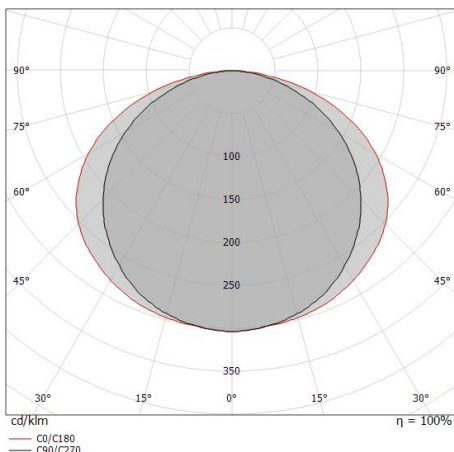
L70 B50 C0 54000h

## UGR

UGR axial	32
UGR transversal	34
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

## OPTICAL

C90/C270 optics	117°
C0/C180 optics	134°
Light distribution simmetry	Symmetrical 2 assis



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	1.62 2.36	E(0°) 16829 E(C90) 58.3° 1224 E(C0) 67.0° 502
1.0	3.24 4.71	E(0°) 4207 E(C90) 58.3° 306 E(C0) 67.0° 126
1.5	4.86 7.07	E(0°) 1870 E(C90) 58.3° 136 E(C0) 67.0° 56
2.0	6.48 9.42	E(0°) 1052 E(C90) 58.3° 77 E(C0) 67.0° 31
2.5	8.10 11.78	E(0°) 673 E(C90) 58.3° 49 E(C0) 67.0° 20
3.0	9.71 14.14	E(0°) 467 E(C90) 58.3° 34 E(C0) 67.0° 14


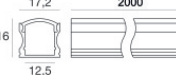


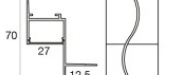

— C0/C180 (Half-peak divergence: 134.0°)  
— C90/C270 (Half-peak divergence: 116.6°)

# Ribbon HE 160 LEDs/m



LED Strip | 1 topLED 108 W DC 24 V | 21.6 W/m | 2767.6 Lm/m | CRI 83+  
**C00507WHMDI**

## Components

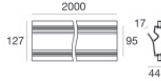
		LUNO_20/27 - Profili   Modular	<b>Code</b> <u>C-K100017</u>
		LUNO_20/27 - Profili   Modular	<b>Code</b> <u>C-K100018</u>
		Rive_17/16 - Profili   Modular	<b>Code</b> <u>C-K100015</u>
		Rive_17/16 - Profili   Modular	<b>Code</b> <u>C-K100016</u>
		Cela_18/18 - Profili   Modular	<b>Code</b> <u>C-K100019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

# Ribbon HE 160 LEDs/m



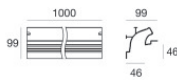
LED Strip | 1 topLED 108 W DC 24 V | 21.6 W/m | 2767.6 Lm/m | CRI 83+  
**C00507WHMDI**

## Components



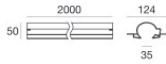
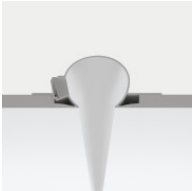
Fylo+ Recessed\_1

**Code**  
65027 - 65028



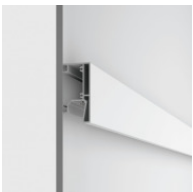
Fylo+ Recessed\_5

**Code**  
65013 - 65012



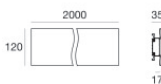
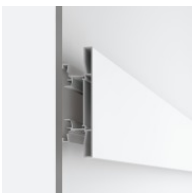
Fylo+ Recessed\_4

**Code**  
65009 - 65010



Fylo+ Surface\_1

**Code**  
65015 - 65016



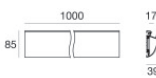
Fylo+ Surface\_2

**Code**  
65018 - 65019



Fylo+ Surface\_4

**Code**  
65024 - 65025



Fylo+ Surface\_3

**Code**  
65022 - 65021



Fylo+ Recessed\_3

**Code**  
65004 - 65003

# Ribbon HE 160 LEDs/m



LED Strip | 1 topLED 108 W DC 24 V | 21.6 W/m | 2767.6 Lm/m | CRI 83+  
**C00507WHMDI**

## Components



Fylo+ Direct\_1

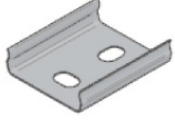
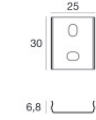

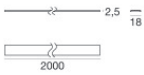












**Code**

65180 - 65181

# Ribbon HE 160 LEDs/m



















Ribbon HE 160 LEDs/m | LED Strip | Accessories  
**C00507WHMDI**

 <p><b>5x</b></p>	 <p>25 30 6,8</p>	<p>Springs for recessing - 5 pieces</p>	<p><b>Code</b>  <u>98420</u></p>
	 <p>2,5 18 2000</p>	<p>Diffuser            Diffuser Type: opaline diffuser.            Material:PC, colour:opaline.</p>	<p><b>Finish</b>  <span style="background-color: #e0f2f1;">Opaline</span> <b>Code</b>  <u>98395</u></p>
	 <p>15 2000</p>	<p>Diffuser</p>	<p><b>Code</b>  <u>98941</u></p>
	 <p>15 2000</p>	<p>Diffuser</p>	<p><b>Code</b>  <u>98942</u></p>
	 <p>15 2000</p>	<p>Diffuser - Opaline Diffuser</p>	<p><b>Code</b>  <u>98943</u></p>
	 <p>24 2000</p>	<p>Diffuser</p>	<p><b>Code</b>  <u>98898</u></p>
	 <p>24 2000</p>	<p>Diffuser</p>	<p><b>Code</b>  <u>98899</u></p>
	 <p>24 2000</p>	<p>Diffuser</p>	<p><b>Code</b>  <u>98900</u></p>

# Ribbon HE 160 LEDs/m



Ribbon HE 160 LEDs/m | LED Strip | Accessories  
**C00507WHMDI**

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

# Ribbon HE 160 LEDs/m



Ribbon HE 160 LEDs/m | LED Strip | Accessories  
**C00507WHMDI**



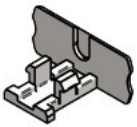
Diffuser  
 Material:PC, colour:opaline.

**Finish**  
 Opaline **Code**  
 C-K200007



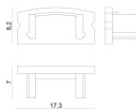
Diffuser  
 Material:PC, colour:black.

**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.


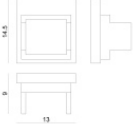

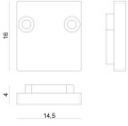

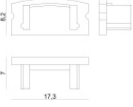

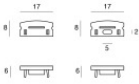

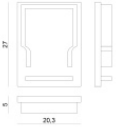

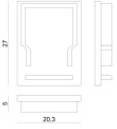

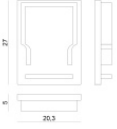

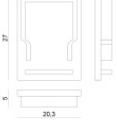
**Code**  
 98907



# Ribbon HE 160 LEDs/m




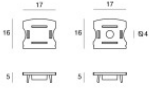
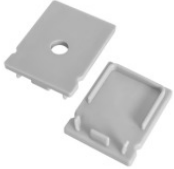
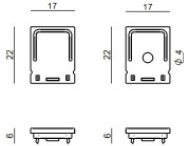

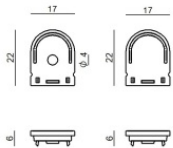

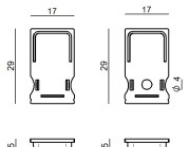

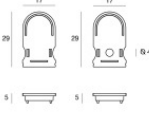

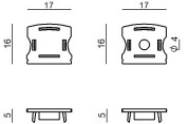

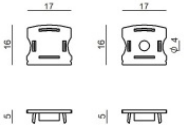

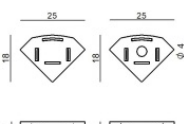
Ribbon HE 160 LEDs/m | LED Strip | Accessories  
**C00507WHMDI**

		<p>Closing cap Material:PC, colour:white.</p>	<p><b>Code</b> <u>98922</u></p>
		<p>Closing cap Material:PC, colour:white.</p>	<p><b>Code</b> <u>98918</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-V400019</u></p>
		<p>Closing cap Material:ABS Plastic, colour:black.</p>	<p><b>Code</b> <u>C-V400020</u></p>
		<p>Closing cap Material:plastic, colour:grey.</p>	<p><b>Code</b> <u>C-V400021</u></p>
		<p>Closing cap Material:ABS Plastic, colour:black.</p>	<p><b>Code</b> <u>C-V400022</u></p>

# Ribbon HE 160 LEDs/m



Ribbon HE 160 LEDs/m | LED Strip | Accessories  
**C00507WHMDI**

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

# Ribbon HE 160 LEDs/m



Ribbon HE 160 LEDs/m | LED Strip | Accessories  
**C00507WHMDI**

		<p>Closing cap                      Material:plastic, colour:grey.</p>	<p><b>Code</b>  <u>C-V400037</u></p>
		<p>Closing cap                      Material:plastic, colour:grey.</p>	<p><b>Code</b>  <u>C-V400041</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>Bracket                      L=9mm, H=8.8mm, D=21.8mm.                      Material:Iron, colour:translucent, processing:Washing.</p>	<p><b>Code</b>  <u>98931</u></p>
		<p>Bracket                      L=22mm, H=21.5mm, D=16.4mm.                      Material:PC, colour:transparent.</p>	<p><b>Finish</b>  <span style="border: 1px solid black; padding: 2px;">Transp.</span> <b>Code</b>  <u>98904</u></p>
		<p>Bracket                      L=12mm, H=15mm, D=30mm.                      Material:PC, colour:white.</p>	<p><b>Finish</b>  <span style="border: 1px solid black; padding: 2px;">White</span> <b>Code</b>  <u>98901</u></p>
		<p>Profile - Wall integrated side profile                      Material:Aluminium 6060, colour:Anodised Aluminum, processing:20 µm anodizing.</p>	<p><b>Code</b>  <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><b>Code</b>  <u>83396</u></p>

# Ribbon HE 160 LEDs/m



Ribbon HE 160 LEDs/m | LED Strip | Accessories  
**C00507WHMDI**

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