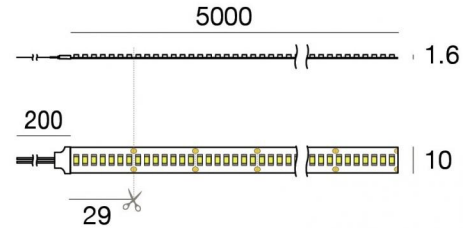


# Ribbon HF\_V2 238 LEDs/m



LED Strip | 1 topLED 98 W DC 24 V | 19.6 W/m  
2350 Lm/m | CRI 90  
**C00504WHNDI**



Technical data	
Length	5000 mm
Minimum cut	29 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	98 W DC
Power / m	19.6 W / m
Source lumens	11750 lm
Source lumens / m	2350 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	0.36 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 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 HF\_V2 238 LEDs/m



LED Strip | 1 topLED 98 W DC 24 V | 19.6 W/m | 2350 Lm/m | CRI 90 | Base C00504WHNDI

Single emission led strip for indoor application. The natural white LED light source with a diffused light distribution is composed of 1190 stripled LEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 11750 lm, with a 119.9 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 98 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	11750 lm
Delivered lumens	11750 lm
Consumption	98 W
Luminaire efficacy	119 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

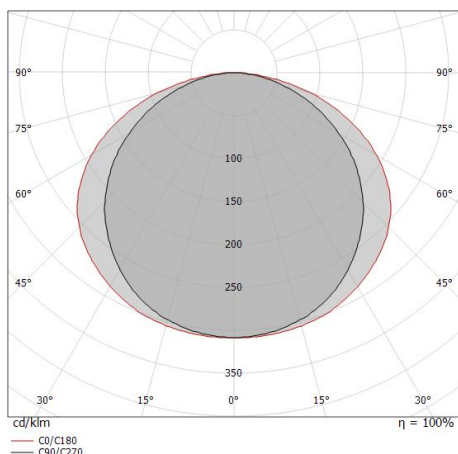
L70 B50 C0 50000h

## UGR

UGR axial	31.3
UGR transversal	33.3
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

## OPTICAL

C90/C270 optics	115°
C0/C180 optics	132°
Light distribution symmetry	Symmetrical 2 axis



Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)
0.5	1.57 2.27	14508	57.5° 1126	66.2° 478
1.0	3.14 4.53	3627	57.5° 282	66.2° 119
1.5	4.71 6.80	1612	57.5° 125	66.2° 53
2.0	6.28 9.07	907	57.5° 70	66.2° 30
2.5	7.85 11.34	580	57.5° 45	66.2° 19
3.0	9.42 13.60	403	57.5° 31	66.2° 13

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


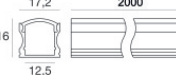


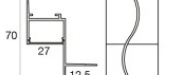

— C0/C180 (Half-peak divergence: 132.4°)  
— C90/C270 (Half-peak divergence: 115.0°)

# Ribbon HF\_V2 238 LEDs/m



LED Strip | 1 topLED 98 W DC 24 V | 19.6 W/m | 2350 Lm/m | CRI 90  
**C00504WHNDI**

## Components

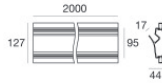
		LUNO_20/27 - Profili   Modular	<b>Code</b> <u>C-K100017</u>
		LUNO_20/27 - Profili   Modular	<b>Code</b> <u>C-K100018</u>
		Rive_17/16 - Profili   Modular	<b>Code</b> <u>C-K100015</u>
		Rive_17/16 - Profili   Modular	<b>Code</b> <u>C-K100016</u>
		Cela_18/18 - Profili   Modular	<b>Code</b> <u>C-K100019</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 HF\_V2 238 LEDs/m



LED Strip | 1 topLED 98 W DC 24 V | 19.6 W/m | 2350 Lm/m | CRI 90  
**C00504WHNDI**

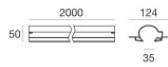
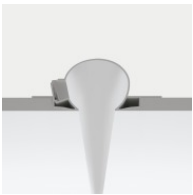
## Components



Fylo+ Recessed\_1

**Code**

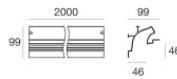
65027 - 65028



Fylo+ Recessed\_4

**Code**

65009 - 65010



Fylo+ Recessed\_5

**Code**

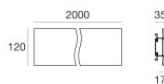
65012 - 65013



Fylo+ Surface\_1

**Code**

65015 - 65016



Fylo+ Surface\_2

**Code**

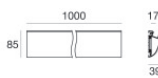
65018 - 65019



Fylo+ Surface\_4

**Code**

65024 - 65025



Fylo+ Surface\_3

**Code**

65022 - 65021



Fylo+ Recessed\_3

**Code**

65004 - 65003

# Ribbon HF\_V2 238 LEDs/m



LED Strip | 1 topLED 98 W DC 24 V | 19.6 W/m | 2350 Lm/m | CRI 90  
**C00504WHNDI**

## Components



Fylo+ Direct\_1

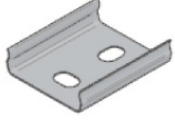
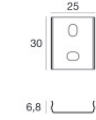

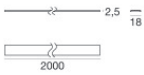












**Code**

65180 - 65181

# Ribbon HF\_V2 238 LEDs/m



















Ribbon HF\_V2 238 LEDs/m | LED Strip | Accessories  
**C00504WHNDI**

 <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 HF\_V2 238 LEDs/m



Ribbon HF\_V2 238 LEDs/m | LED Strip | Accessories  
**C00504WHNDI**

		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 HF\_V2 238 LEDs/m



Ribbon HF\_V2 238 LEDs/m | LED Strip | Accessories  
**C00504WHNDI**



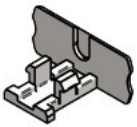
Diffuser  
 Material:PC, colour:opaline.

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



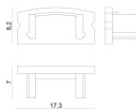
Diffuser  
 Material:PC, colour:black.

**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.


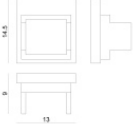

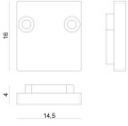

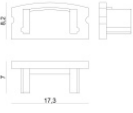

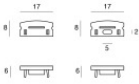

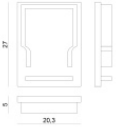

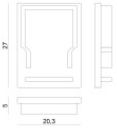

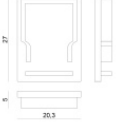

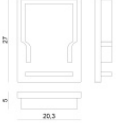
**Code**  
 98907



# Ribbon HF\_V2 238 LEDs/m



Ribbon HF\_V2 238 LEDs/m | LED Strip | Accessories  
**C00504WHNDI**

		Closing cap Material:PC, colour:white.	<b>Code</b> <u>98922</u>
		Closing cap Material:PC, colour:white.	<b>Code</b> <u>98918</u>
		Closing cap Material:PC, colour:black.	<b>Code</b> <u>83133</u>
		Closing cap Material:plastic, colour:grey.	<b>Code</b> <u>C-V400023</u>
		Closing cap Material:plastic, colour:grey.	<b>Code</b> <u>C-V400019</u>
		Closing cap Material:ABS Plastic, colour:black.	<b>Code</b> <u>C-V400020</u>
		Closing cap Material:plastic, colour:grey.	<b>Code</b> <u>C-V400021</u>
		Closing cap Material:ABS Plastic, colour:black.	<b>Code</b> <u>C-V400022</u>

# Ribbon HF\_V2 238 LEDs/m



Ribbon HF\_V2 238 LEDs/m | LED Strip | Accessories  
**C00504WHNDI**

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

# Ribbon HF\_V2 238 LEDs/m



Ribbon HF\_V2 238 LEDs/m | LED Strip | Accessories  
**C00504WHNDI**

		<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 HF\_V2 238 LEDs/m



Ribbon HF\_V2 238 LEDs/m | LED Strip | Accessories  
**C00504WHNDI**

	<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                  Length 15,4 mm.</p>	<p><b>Code</b>  <u>83399</u></p>
	<p>Connector - Quick strip-strip connector for Ribbon HF V2                  Length 15 mm.</p>	<p><b>Code</b>  <u>C-W400001</u></p>
	<p>Connector - Quick cable-strip connector for Ribbon HF V2                  Length 15 mm.</p>	<p><b>Code</b>  <u>C-W400002</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>

# Ribbon HF\_V2 238 LEDs/m

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Ribbon HF\_V2 238 LEDs/m | LED Strip | Accessories

**C00504WHNDI**

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