Ribbon HF_V2 168 LEDs/m
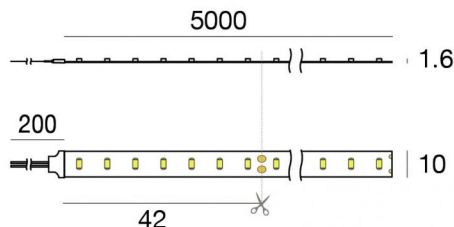
LED Strip | 1 topLED 72 W DC 24 V | 14.4 W/m
1545 Lm/m | CRI 90
C00503WHMDI

Technical data	
Length	5000 mm
Minimum cut	42 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	72 W DC
Power / m	14.4 W / m
Source lumens	7725 lm
Source lumens / m	1545 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	0.36 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 - 3 art.)

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Ribbon HF_V2 168 LEDs/m

LED Strip | 1 topLED 72 W DC 24 V | 14.4 W/m | 1545 Lm/m | CRI 90 | Base
C00503WHMDI

Single emission led strip for indoor application. The super warm white LED light source with a diffused light distribution is composed of 840 stripled LEDs with CCT of 2700 K and a CRI 90; the source luminous flux is 7725 lm, with a 107.3 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 72 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.

F | A↑G

Illuminotechnical Features

Light Output Ratio (LOR)	100 %
Source lumens	7725 lm
Delivered lumens	7725 lm
Consumption	72 W
Luminaire efficacy	107 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	29.8
UGR transversal	31.8
X=4H | Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C90/C270 optics	115°
C0/C180 optics	132°
Light distribution simmetry	Symmetrical 2 assis

cd/klm η = 100%
— C0/C180
— C90/C270
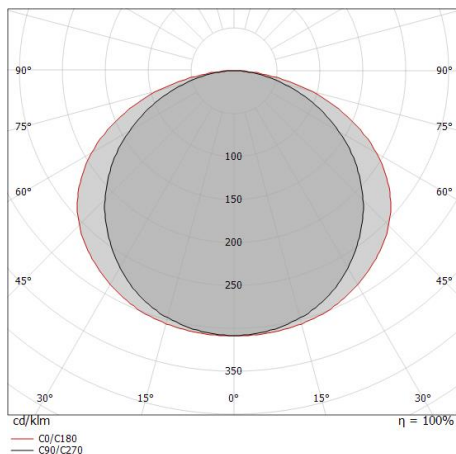
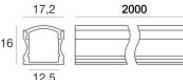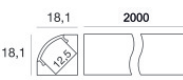| Distance [m]	Cone diameter [m]		Illuminance [lx]
0.5	1.57 / 2.27	E(0°) / E(C90) 57.5° / E(C0) 66.2°	9538 / 740 / 314
1.0	3.14 / 4.53	E(0°) / E(C90) 57.5° / E(C0) 66.2°	2385 / 185 / 79
1.5	4.71 / 6.80	E(0°) / E(C90) 57.5° / E(C0) 66.2°	1060 / 82 / 35
2.0	6.28 / 9.07	E(0°) / E(C90) 57.5° / E(C0) 66.2°	596 / 46 / 20
2.5	7.85 / 11.34	E(0°) / E(C90) 57.5° / E(C0) 66.2°	382 / 30 / 13
3.0	9.42 / 13.60	E(0°) / E(C90) 57.5° / E(C0) 66.2°	265 / 21 / 9

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

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Ribbon HF_V2 168 LEDs/m

LED Strip | 1 topLED 72 W DC 24 V | 14.4 W/m | 1545 Lm/m | CRI 90
C00503WHMDI

Components

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

Ribbon HF_V2 168 LEDs/m

LED Strip | 1 topLED 72 W DC 24 V | 14.4 W/m | 1545 Lm/m | CRI 90
C00503WHMDI

Components

				Code
		Fylo+ Recessed_1		65027 - 65028
		Fylo+ Recessed_3		65003 - 65004
		Fylo+ Recessed_4		65010 - 65009
		Fylo+ Surface_1		65015 - 65016
		Fylo+ Surface_2		65018 - 65019
		Fylo+ Surface_4		65024 - 65025
		Fylo+ Recessed_5		65013 - 65012
		Fylo+ Surface_3		65022 - 65021

Ribbon HF_V2 168 LEDs/m

LED Strip | 1 topLED 72 W DC 24 V | 14.4 W/m | 1545 Lm/m | CRI 90
C00503WHMDI

Components

			Code
		Fylo+ Direct_1	65180 - 65181

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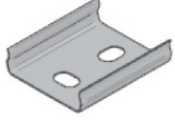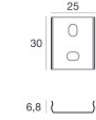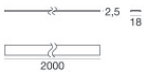
Ribbon HF_V2 168 LEDs/m | LED Strip | Accessories
C00503WHMDI

5x

Springs for recessing - 5 pieces

25 / 30 / 6,8

Code
98420

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

2,5 / 18 / 2000

Finish | **Code**
Opaline | 98395

Diffuser

15 / 2000

Code
98941

Diffuser

15 / 2000

Code
98942

Diffuser - Opaline Diffuser

15 / 2000

Code
98943

Diffuser

24 / 2000

Code
98898

Diffuser

24 / 2000

Code
98899

Diffuser

24 / 2000

Code
98900

Ribbon HF_V2 168 LEDs/m | LED Strip | Accessories
C00503WHMDI

	Diffuser		**Code** 98917

	Diffuser		**Code** 98925

		Finish	**Code**
	Diffuser Material:PC, colour:black.	Black	83132

		Finish	**Code**
	Diffuser Material:PC, colour:opaline.	Opaline	C-K200001

		Finish	**Code**
	Diffuser Material:PC, colour:black.	Black	C-K200002

		Finish	**Code**
	Diffuser Material:PC, colour:opaline.	Opaline	C-K200003

		Finish	**Code**
	Diffuser Material:PC, colour:black.	Black	C-K200004

		Finish	**Code**
	Diffuser Material:PC, colour:opaline.	Opaline	C-K200005

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Ribbon HF_V2 168 LEDs/m

Ribbon HF_V2 168 LEDs/m | LED Strip | Accessories
C00503WHMDI

		Finish	Code
Diffuser Material:PC, colour:opaline.		Opaline	C-K200007

		Finish	Code
Diffuser Material:PC, colour:black.		Black	C-K200009

	Code
Closing cap	98418

	Code
Closing cap - Closing cap Material:PC, colour:white.	98892
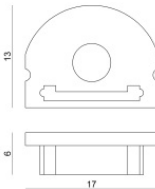
	Code
Closing cap	98928
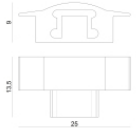
	Code
Closing cap	98896

	Code
Closing cap	98902
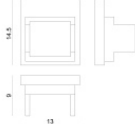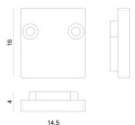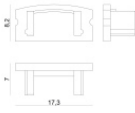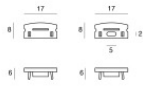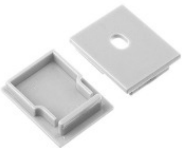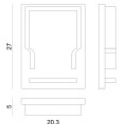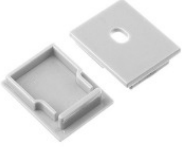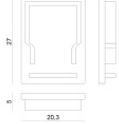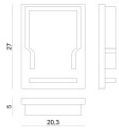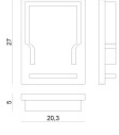
	Code
Closing cap Material:Aluminium, colour:translucent.	98907

Ribbon HF_V2 168 LEDs/m | LED Strip | Accessories
C00503WHMDI

		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

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Ribbon HF_V2 168 LEDs/m

Ribbon HF_V2 168 LEDs/m | LED Strip | Accessories
C00503WHMDI

	Closing cap Material:plastic, colour:grey.	**Code** C-V400025	
	Closing cap Material:plastic, colour:grey.	**Code** C-V400027	
	Closing cap Material:plastic, colour:grey.	**Code** C-V400029	
	Closing cap Material:plastic, colour:grey.	**Code** C-V400031	
	Closing cap Material:plastic, colour:grey.	**Code** C-V400033	
	Closing cap Material:plastic, colour:grey.	**Code** C-V400035	
	Closing cap Material:ABS Plastic, colour:black.	**Code** C-V400036	
	Closing cap Material:ABS Plastic, colour:black.	**Code** C-V400038	

Ribbon HF_V2 168 LEDs/m

Ribbon HF_V2 168 LEDs/m | LED Strip | Accessories
C00503WHMDI

			Code
	Closing cap Material:plastic, colour:grey.		C-V400037
	Closing cap Material:plastic, colour:grey.		C-V400041
	Bracket - Mounting bracket L=19mm, H=8mm, D=9mm. Material:Iron, colour:zinc, processing:Washing.		98944
	Bracket L=9mm, H=8.8mm, D=21.8mm. Material:Iron, colour:translucent, processing:Washing.		98931

		Finish	**Code**
	Bracket L=22mm, H=21.5mm, D=16.4mm. Material:PC, colour:transparent.	Transp.	98904
	Bracket L=12mm, H=15mm, D=30mm. Material:PC, colour:white.	White	98901

		Code
	Profile - Wall integrated side profile Material:Aluminium 6060, colour:Anodised Aluminum, processing:20 μm anodizing.	98921
	Connector - Fast connector for Ribbon Basic V2 8mm, Ribbon HD 8mm (not Ribbon COB) Length 21,6 mm.	83396

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Ribbon HF_V2 168 LEDs/m

Ribbon HF_V2 168 LEDs/m | LED Strip | Accessories
C00503WHMDI

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

Length 15,4 mm.

Code

83397

Connector

Length 15,4 mm.

Code

83399

Connector - Quick strip-strip connector for Ribbon HF V2

Length 15 mm.

Code

C-W400001

Connector - Quick cable-strip connector for Ribbon HF V2

Length 15 mm.

Code

C-W400002

Optics

Light distribution: medium flood,Cover material: pc

Code

C-U100001

Bag / Fixing kit

Code

C-K100027

Bag / Fixing kit

Code

C-K100028

Bag / Fixing kit

Code

C-K100029

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Ribbon HF_V2 168 LEDs/m | LED Strip | Accessories
C00503WHMDI

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