Ribbon HF_V2 168 LEDs/m

LED Strip | 1 topLED 72 W DC 24 V | 14.4 W/m
1730 Lm/m | CRI 90
C00503WHNDI

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	8650 lm
Source lumens / m	1730 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 - 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

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C00503WHNDI

Single emission led strip for indoor application. The natural white LED light source with a diffused light distribution is composed of 840 stripled LEDs with CCT of 4000 K and a CRI 90; the source luminous flux is 8650 lm, with a 120.1 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 0.36 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 E.

Illuminotechnical Features

Light Output Ratio (LOR)	100 %
Source lumens	8650 lm
Delivered lumens	8650 lm
Consumption	72 W
Luminaire efficacy	120 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	30.2
UGR transversal	32.2
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%
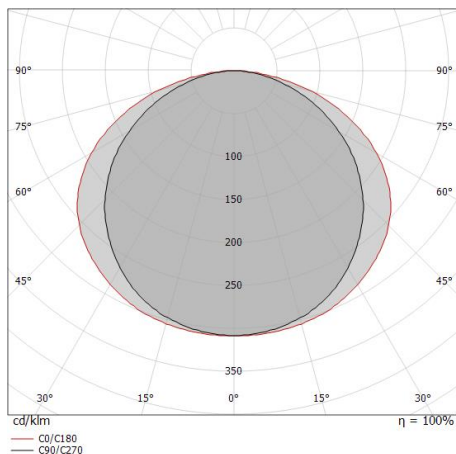
— C0/C180
— C90/C270

Distance [m]	Cone diameter [m]			Illuminance [lx]
0.5	1.57 / 2.27	E(0°)		10681
		E(C90)	57.5°	829
		E(C0)	66.2°	352
1.0	3.14 / 4.53	E(0°)		2670
		E(C90)	57.5°	207
		E(C0)	66.2°	88
1.5	4.71 / 6.80	E(0°)		1187
		E(C90)	57.5°	92
		E(C0)	66.2°	39
2.0	6.28 / 9.07	E(0°)		668
		E(C90)	57.5°	52
		E(C0)	66.2°	22
2.5	7.85 / 11.34	E(0°)		427
		E(C90)	57.5°	33
		E(C0)	66.2°	14
3.0	9.42 / 13.60	E(0°)		297
		E(C90)	57.5°	23
		E(C0)	66.2°	10
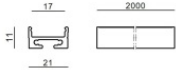
— C0/C180 (Half-peak divergence: 132.4°)
— C90/C270 (Half-peak divergence: 115.0°)

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Ribbon HF_V2 168 LEDs/m

LED Strip | 1 topLED 72 W DC 24 V | 14.4 W/m | 1730 Lm/m | CRI 90
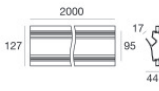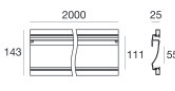**C00503WHNDI**

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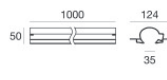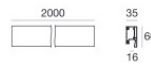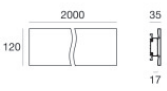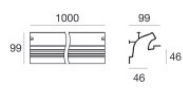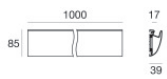
LUNO_20/27 - Profili | Modular	**Code**	C-K100017
LUNO_20/27 - Profili | Modular	**Code**	C-K100018
Rive_17/16 - Profili | Modular	**Code**	C-K100015
Rive_17/16 - Profili | Modular	**Code**	C-K100016
Cela_18/18 - Profili | Modular	**Code**	C-K100019
Cela_18/18 - Profili | Modular	**Code**	C-K100020
Tabulo_35/14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

Ribbon HF_V2 168 LEDs/m

LED Strip | 1 topLED 72 W DC 24 V | 14.4 W/m | 1730 Lm/m | CRI 90
C00503WHNDI

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 | 1730 Lm/m | CRI 90
C00503WHNDI

Components

			Code
	2000	Fylo+ Direct_1	65180 - 65181
	87 55 25		

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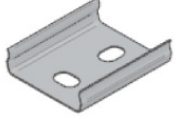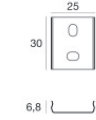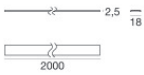
Ribbon HF_V2 168 LEDs/m | LED Strip | Accessories
C00503WHNDI

			Finish	Code
5x	25 / 30 / 6,8	Springs for recessing - 5 pieces		**Code** 98420
	2,5 / 18 / 2000	Diffuser Diffuser Type: opaline diffuser. Material:PC, colour:opaline.	**Finish** Opaline	**Code** 98395
	15 / 2000	Diffuser		**Code** 98941
	15 / 2000	Diffuser		**Code** 98942
	15 / 2000	Diffuser - Opaline Diffuser		**Code** 98943
	24 / 2000	Diffuser		**Code** 98898
	24 / 2000	Diffuser		**Code** 98899
	24 / 2000	Diffuser		**Code** 98900

Ribbon HF_V2 168 LEDs/m | LED Strip | Accessories
C00503WHNDI

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

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Ribbon HF_V2 168 LEDs/m | LED Strip | Accessories
C00503WHNDI

				Finish	Code
		Diffuser Material:PC, colour:opaline.		Opaline	C-K200007
		Diffuser Material:PC, colour:black.		Black	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
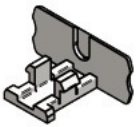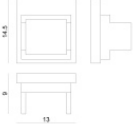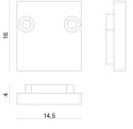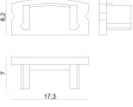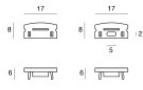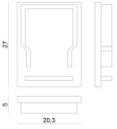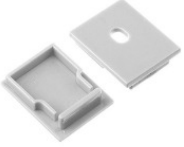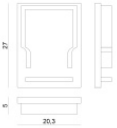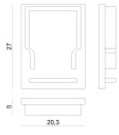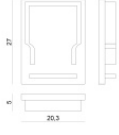
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Ribbon HF_V2 168 LEDs/m | LED Strip | Accessories
C00503WHNDI

			Code
		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 | LED Strip | Accessories
C00503WHNDI

		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

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Ribbon HF_V2 168 LEDs/m

Ribbon HF_V2 168 LEDs/m | LED Strip | Accessories
C00503WHNDI

				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 | LED Strip | Accessories
C00503WHNDI

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

Ribbon HF_V2 168 LEDs/m | LED Strip | Accessories
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