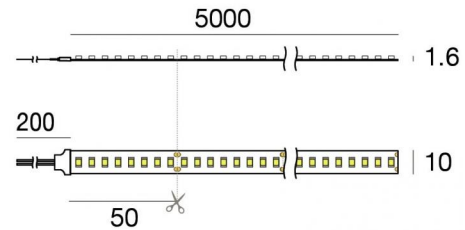# Ribbon HE 160 LEDs/m

LED Strip | 1 topLED 60 W DC 24 V | 12 W/m
1467.8 Lm/m | CRI 83+
C00506WHMDI

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	60 W DC
Power / m	12 W / m
Source lumens	7339 lm
Source lumens / m	1467.8 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	0.36 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
99374	On/Off Driver 198~264V AC / 176~275V DC 75 W (1 art.)
83333	Push and Simply Dim - DALI-2 Controller
C-E400002	Push and Simply Dim - DALI-2 Controller (1 - 4 art.)

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Ribbon HE 160 LEDs/m

LED Strip | 1 topLED 60 W DC 24 V | 12 W/m | 1467.8 Lm/m | CRI 83+ | Base
C00506WHMDI

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 7339 lm, with a 122.3 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 60 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	7339 lm
Delivered lumens	7339 lm
Consumption	60 W
Luminaire efficacy	122 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 50000h

UGR	
UGR axial	29.8
UGR transversal	31.7
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

cd/klm η = 100%
— C0/C180
— C90/C270
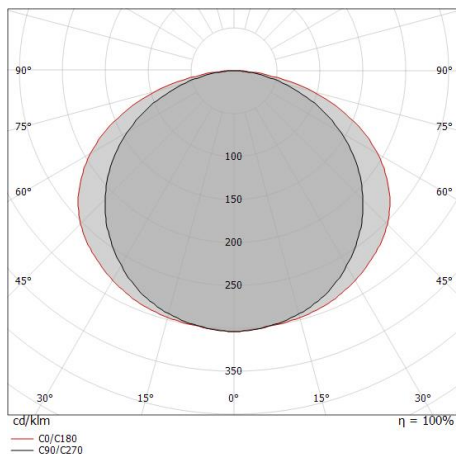
Distance [m]	Cone diameter [m]		Illuminance [lx]
0.5	1.62 / 2.36	E(0°) / E(C90) 58.3° / E(C0) 67.0°	8925 / 649 / 266
1.0	3.24 / 4.71	E(0°) / E(C90) 58.3° / E(C0) 67.0°	2231 / 162 / 67
1.5	4.86 / 7.07	E(0°) / E(C90) 58.3° / E(C0) 67.0°	992 / 72 / 30
2.0	6.48 / 9.42	E(0°) / E(C90) 58.3° / E(C0) 67.0°	558 / 41 / 17
2.5	8.10 / 11.78	E(0°) / E(C90) 58.3° / E(C0) 67.0°	357 / 26 / 11
3.0	9.71 / 14.14	E(0°) / E(C90) 58.3° / E(C0) 67.0°	248 / 18 / 7
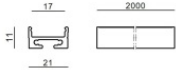
— C0/C180 (Half-peak divergence: 134.0°)
— C90/C270 (Half-peak divergence: 116.6°)

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Ribbon HE 160 LEDs/m

LED Strip | 1 topLED 60 W DC 24 V | 12 W/m | 1467.8 Lm/m | CRI 83+
C00506WHMDI

Components

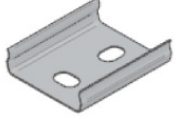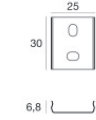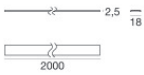|			Code
		LUNO_20/27 - Profili | Modular	C-K100017
		LUNO_20/27 - Profili | Modular	C-K100018
		Rive_17/16 - Profili | Modular	C-K100015
		Rive_17/16 - Profili | Modular	C-K100016
		Cela_18/18 - Profili | Modular	C-K100019
		Cela_18/18 - Profili | Modular	C-K100020
		Tabulo_35/14 - Profili | Modular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

Ribbon HE 160 LEDs/m

LED Strip | 1 topLED 60 W DC 24 V | 12 W/m | 1467.8 Lm/m | CRI 83+
C00506WHMDI

Components

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

Ribbon HE 160 LEDs/m

LED Strip | 1 topLED 60 W DC 24 V | 12 W/m | 1467.8 Lm/m | CRI 83+
C00506WHMDI

Components

			Code
	2000	Fylo+ Direct_1	65180 - 65181
87	55 · 25		

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Ribbon HE 160 LEDs/m | LED Strip | Accessories
C00506WHMDI

			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
		Diffuser		**Code** 98941
		Diffuser		**Code** 98942
		Diffuser - Opaline Diffuser		**Code** 98943
		Diffuser		**Code** 98898
		Diffuser		**Code** 98899
		Diffuser		**Code** 98900

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Ribbon HE 160 LEDs/m | LED Strip | Accessories
C00506WHMDI

	Diffuser	**Code**
		98917

	Diffuser	**Code**
		98925

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

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

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

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

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

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

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Ribbon HE 160 LEDs/m | LED Strip | Accessories
C00506WHMDI

		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
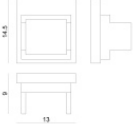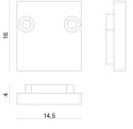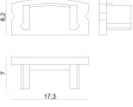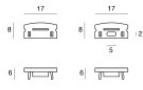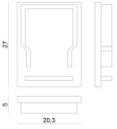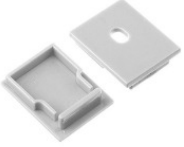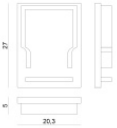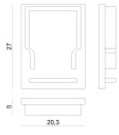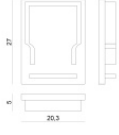
Ribbon HE 160 LEDs/m | LED Strip | Accessories
C00506WHMDI
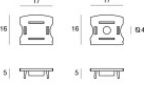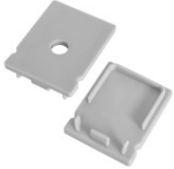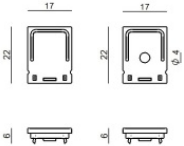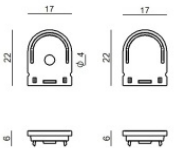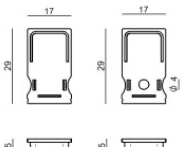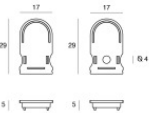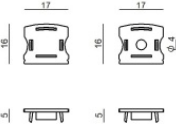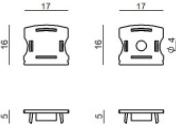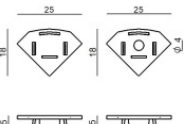
		Closing cap Material:PC, colour:white.	**Code** 98922	
		Closing cap Material:PC, colour:white.	**Code** 98918	
		Closing cap Material:PC, colour:black.	**Code** 83133	
		Closing cap Material:plastic, colour:grey.	**Code** C-V400023	
		Closing cap Material:plastic, colour:grey.	**Code** C-V400019	
		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	

Ribbon HE 160 LEDs/m | LED Strip | Accessories
C00506WHMDI

		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 HE 160 LEDs/m

Ribbon HE 160 LEDs/m | LED Strip | Accessories
C00506WHMDI

			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 HE 160 LEDs/m | LED Strip | Accessories
C00506WHMDI

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

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