Ribbon PRO

LED Strip | 400 topLED 18 W DC 24 V | 3.6 W/m
511.6 Lm/m | CRI >90
82123

Technical data

Length	5000 mm
Minimum cut	100 mm
Type	topLED 18 W DC - 18 W AC
Installation position	Wall lights - Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	topLED
Optics	Diffused
Light emission direction	downward
Nominal power	18 W DC
Source lumens	2558 lm
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	650°
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	0.3 m
Resin potting	No
Type of light emission	Single emission
Length	5000 mm
Net weight	0.09 Kg
Electrostatic discharge protection	No
Surge protection	No

Finishing casing

Colour	white

Electronics

99331	On/Off Driver 198~264V AC / 176~275V DC 150 W (1 - 8 art.)
99332	1-10V Controller (1 - 8 art.)
99374	On/Off Driver 198~264V AC / 176~275V DC 75 W (1 - 4 art.)
83333	Push and Simply Dim - DALI-2 Controller (1 - 8 art.)
C-E400002	Push and Simply Dim - DALI-2 Controller (1 - 13 art.)

Cables Electrification

Max cable length	300 mm

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Single emission led strip for indoor application. The super warm white LED light source with a diffused light distribution is composed of 400 topled LEDs with CCT of 2700 K and a CRI >90; the source luminous flux is 2558 lm, with a 142.1 lm/W nominal luminous efficacy.

The device body and features a white finish. The ingress protection degree is IP20; the total weight is of 0.09 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 18 W. The power supply cable is included and features a 0.3 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	2558 lm
Delivered lumens	2558 lm
Consumption	18 W
Luminaire efficacy	142 lm/W
Colour temperature	2700 K
Standard Deviation of Colour Matching	3 Step MacAdam
Standard Operating Ambient Temperature	-20 / +55°C

UGR	
UGR axial	26.6
UGR transversal	27.1
X=4H | Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL	
C90/C270 optics	116°
C0/C180 optics	120°
Light distribution simmetry	Symmetrical 2 assis

cd/klm   η = 100%
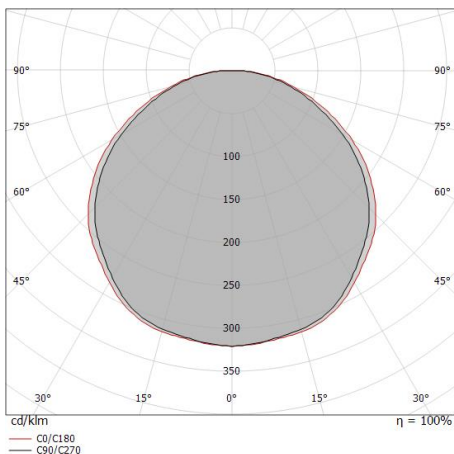
— C0/C180
— C90/C270

Distance [m]	Cone diameter [m]		Illuminance [lx]	
0.5	1.60 / 1.75	E(0°)		3282
		E(C90)	58.0°	244
		E(C0)	60.2°	201
1.0	3.20 / 3.49	E(0°)		820
		E(C90)	58.0°	61
		E(C0)	60.2°	50
1.5	4.80 / 5.24	E(0°)		365
		E(C90)	58.0°	27
		E(C0)	60.2°	22
2.0	6.40 / 6.98	E(0°)		205
		E(C90)	58.0°	15
		E(C0)	60.2°	13
2.5	8.00 / 8.73	E(0°)		131
		E(C90)	58.0°	10
		E(C0)	60.2°	8
3.0	9.60 / 10.48	E(0°)		91
		E(C90)	58.0°	7
		E(C0)	60.2°	6

— C0/C180 (Half-peak divergence: 120.4°)
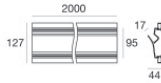— C90/C270 (Half-peak divergence: 116.0°)

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Components

	LUNO_20/27 - Profili | Modular	**Code**	C-K100017
	LUNO_20/27	**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

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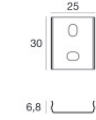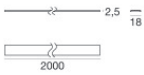**82123**

Components
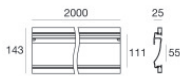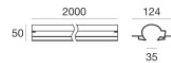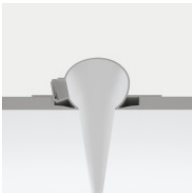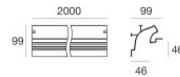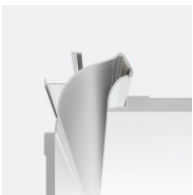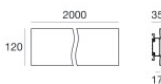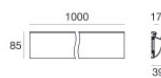
			Code	
	2000 / 127 / 95 / 17 / 44	Fylo+ Recessed_1	65027 - 65028	
	2000 / 143 / 111 / 25 / 55	Fylo+ Recessed_3	65003 - 65004	
	2000 / 50 / 124 / 35	Fylo+ Recessed_4	65009 - 65010	
	2000 / 99 / 99 / 46 / 46	Fylo+ Recessed_5	65012 - 65013	
	2000 / 35 / 66 / 16	Fylo+ Surface_1	65015 - 65016	
	2000 / 120 / 35 / 17	Fylo+ Surface_2	65018 - 65019	
	2000 / 90 / 90 / 17	Fylo+ Surface_4	65024 - 65025	
	1000 / 85 / 17 / 39	Fylo+ Surface_3	65022 - 65021	

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Components

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

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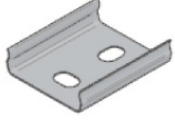
			Finish	Code
5x	25 / 30 / 6,8	Springs for recessing - 5 pieces		**Code** 98420
	2,5 / 18 / 2000	Diffuser Diffuser Type: opaline diffuser. Material:PC, colour:opaline.	**Finish** Opaline	**Code** 98395
	15 / 2000	Diffuser		**Code** 98941
	15 / 2000	Diffuser		**Code** 98942
	15 / 2000	Diffuser - Opaline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

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			Diffuser		**Code**
					98917

			Diffuser		**Code**
					98925

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

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

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

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

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

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

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| | 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 |

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		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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	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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			Finish	Code
	Closing cap Material:plastic, colour:grey.			**Code** C-V400037
	Closing cap Material:plastic, colour:grey.			**Code** C-V400041
	Bracket - Mounting bracket L=19mm, H=8mm, D=9mm. Material:Iron, colour:zinc, processing:Washing.			**Code** 98944
	Bracket L=9mm, H=8.8mm, D=21.8mm. Material:Iron, colour:translucent, processing:Washing.			**Code** 98931
	Bracket L=22mm, H=21.5mm, D=16.4mm. Material:PC, colour:transparent.		**Finish** Transp.	**Code** 98904
	Bracket L=12mm, H=15mm, D=30mm. Material:PC, colour:white.		**Finish** White	**Code** 98901
	Profile - Wall integrated side profile Material:Aluminium 6060, colour:Anodised Aluminum, processing:20 µm anodizing.			**Code** 98921
	Connector - Fast connector for Ribbon Plus 10mm - Ribbon PRO - Ribbon PRO 48V Length 21,6 mm.			**Code** 83398

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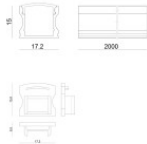**82123**
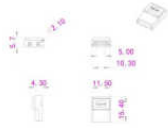
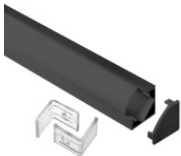|			
	Connector Length 15,4 mm.	**Code** 83399	
	Optics Light distribution: medium flood,Cover material: pc	**Code** C-U100001	
	Bag / Fixing kit	**Code** C-K100027	
	Bag / Fixing kit	**Code** C-K100028	
	Bag / Fixing kit	**Code** C-K100029	