Ribbon PRO

LED Strip | 640 topLED 33.5 W DC 24 V | 6.7 W/m
1023 Lm/m | CRI >90

82158

Technical data

Length	5000 mm
Minimum cut	62.5 mm
Installation position	Wall lights - Ceiling
Installation environment	Indoor
Light Source	LED
Circuit structure	topLED
Optics	Diffused
Light emission direction	downward
Nominal power	33.5 W DC
Source lumens	5115 lm
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	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
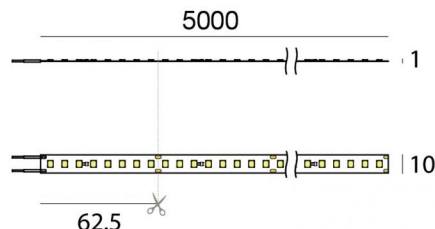
Finishing casing

Colour	white

Electronics

99331	On/Off Driver 198~264V AC / 176~275V DC 150 W (1 art.)
99332	1-10V Controller (1 - 4 art.)
99374	On/Off Driver 198~264V AC / 176~275V DC 75 W (1 - 2 art.)
83333	Push and Simply Dim - DALI-2 Controller (1 - 4 art.)
C-E400002	Push and Simply Dim - DALI-2 Controller (1 - 7 art.)

Cables Electrification

Max cable length	300 mm

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Single emission led strip for indoor application. The natural white LED light source with a diffused light distribution is composed of 640 topled LEDs with CCT of 4000 K and a CRI >90; the source luminous flux is 5115 lm, with a 152.7 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 33.5 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

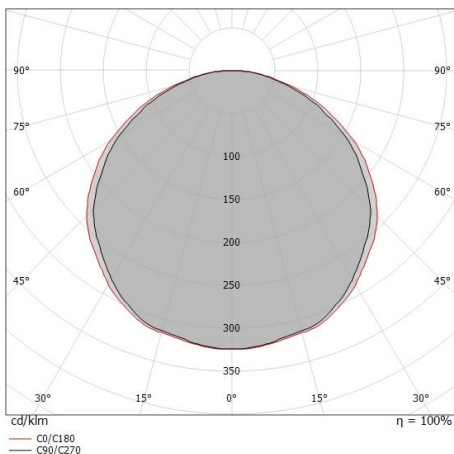This product contains a light source of energy efficiency class D.

Illuminotechnical Features	
Light Output Ratio (LOR)	100 %
Source lumens	5115 lm
Delivered lumens	5115 lm
Consumption	34 W
Luminaire efficacy	150 lm/W
Colour temperature	4000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Standard Operating Ambient Temperature	-20 / +55°C

UGR	
UGR axial	28.9
UGR transversal	29.3
X=4H	Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL	
C90/C270 optics	116°
C0/C180 optics	121°
Light distribution simmetry	Symmetrical 2 assis

cd/klm η = 100%
— C0/C180
— C90/C270

Distance [m]	Cone diameter [m]		Illuminance [lx]		
0.5	1.61	1.75	E(0°)		6636
			E(C90)	58.2°	487
			E(C0)	60.3°	404
1.0	3.23	3.51	E(0°)		1659
			E(C90)	58.2°	122
			E(C0)	60.3°	101
1.5	4.84	5.26	E(0°)		737
			E(C90)	58.2°	54
			E(C0)	60.3°	45
2.0	6.45	7.01	E(0°)		415
			E(C90)	58.2°	30
			E(C0)	60.3°	25
2.5	8.06	8.77	E(0°)		265
			E(C90)	58.2°	19
			E(C0)	60.3°	16
3.0	9.68	10.52	E(0°)		184
			E(C90)	58.2°	14
			E(C0)	60.3°	11

— C0/C180 (Half-peak divergence: 120.6°)
— C90/C270 (Half-peak divergence: 116.4°)
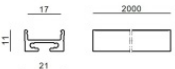
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Components

17 2000 1 21	LUNO_20/27 - Profili | Modular	**Code** C-K100017
17 2000 1 21	LUNO_20/27 - Profili | Modular	**Code** C-K100018
17,2 2000 16 12,5	Rive_17/16 - Profili | Modular	**Code** C-K100015
17,2 2000 16 12,5	Rive_17/16 - Profili | Modular	**Code** C-K100016
18,1 2000 18,1 12,5	Cela_18/18 - Profili | Modular	**Code** C-K100019
18,1 2000 18,1 12,5	Cela_18/18 - Profili | Modular	**Code** C-K100020
55 2000 70 27 12,5	Tabulo_35/14 - Profili | Modular	**Code** C-K100025
1000 25 172 136 88	Fylo+ Recessed_2	**Code** 65007 - 65006

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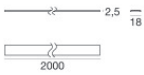**82158**

Components

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

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Components

			Code
		Fylo+ Direct_1	65181 - 65180

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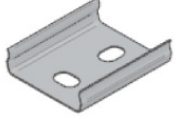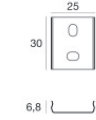
			Finish	Code
5x	25 / 30 / 6,8	Springs for recessing - 5 pieces		**Code** 98420
	2,5 / 18 / 2000	Diffuser Diffuser Type: opaline diffuser. Material:PC, colour:opaline.	**Finish** Opaline	**Code** 98395
	15 / 2000	Diffuser		**Code** 98941
	15 / 2000	Diffuser		**Code** 98942
	15 / 2000	Diffuser - Opaline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

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		Description		Finish	Code
		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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	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

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

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

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	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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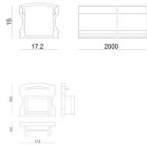**82158**

Connector Length 15,4 mm.	**Code** 83399	

Optics
Light distribution: medium flood,Cover material: pc
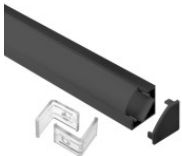
Code
C-U100001

Bag / Fixing kit

Code
C-K100027

Bag / Fixing kit

Code
C-K100028

Bag / Fixing kit

Code
C-K100029

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