Ribbon PRO

LED Strip | 640 topLED 33.5 W DC 24 V | 6.7 W/m
927.6 Lm/m | CRI >90
82156

Technical data	
Length	5000 mm
Minimum cut	62.5 mm
Type	LED Strip
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
Power / m	6.7 W / m
Source lumens	4638 lm
Source lumens / m	927.6 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	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 - 4 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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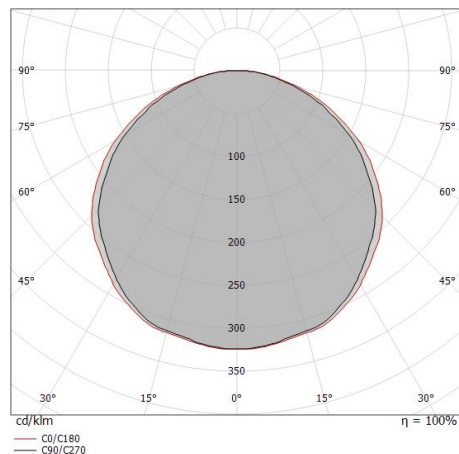LED Strip | 640 topLED 33.5 W DC 24 V | 6.7 W/m | 927.6 Lm/m | CRI >90 | Base
82156

Single emission led strip for indoor application. The super warm white LED light source with a diffused light distribution is composed of 640 topled LEDs with CCT of 2700 K and a CRI >90; the source luminous flux is 4638 lm, with a 138.4 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 E.

Illuminotechnical Features

Light Output Ratio (LOR)	100 %
Source lumens	4638 lm
Delivered lumens	4638 lm
Consumption	34 W
Luminaire efficacy	136 lm/W
Colour temperature	2700 K
Standard Deviation of Colour Matching	3 Step MacAdam
Standard Operating Ambient Temperature	-20 / +55°C

UGR

UGR axial	28.6
UGR transversal	29
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°)		6017
			E(C90)	58.2°	441
			E(C0)	60.3°	367
1.0	3.23	3.51	E(0°)		1504
			E(C90)	58.2°	110
			E(C0)	60.3°	92
1.5	4.84	5.26	E(0°)		669
			E(C90)	58.2°	49
			E(C0)	60.3°	41
2.0	6.45	7.01	E(0°)		376
			E(C90)	58.2°	28
			E(C0)	60.3°	23
2.5	8.06	8.77	E(0°)		241
			E(C90)	58.2°	18
			E(C0)	60.3°	15
3.0	9.68	10.52	E(0°)		167
			E(C90)	58.2°	12
			E(C0)	60.3°	10

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

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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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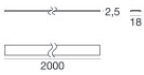**82156**

Components

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

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Components

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

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5x
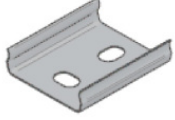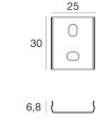
					Code
	25 / 30 / 6,8	Springs for recessing - 5 pieces			98420

			Finish	**Code**
	2,5 / 18 / 2000	Diffuser Diffuser Type: opaline diffuser. Material:PC, colour:opaline.	Opaline	98395

			Code
	15 / 2000	Diffuser	98941

			Code
	15 / 2000	Diffuser	98942

			Code
	15 / 2000	Diffuser - Opaline Diffuser	98943

			Code
	24 / 2000	Diffuser	98898

			Code
	24 / 2000	Diffuser	98899

			Code
	24 / 2000	Diffuser	98900

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				Code
		Diffuser		98917

				Code
		Diffuser		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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			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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		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

22.11.2024

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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	

			Finish	**Code**
		Bracket L=22mm, H=21.5mm, D=16.4mm. Material:PC, colour:transparent.	Transp.	98904

			Finish	**Code**
		Bracket L=12mm, H=15mm, D=30mm. Material:PC, colour:white.	White	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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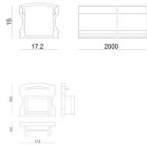|			**Code**
		Connector Length 15,4 mm.	83399
		Optics Light distribution: medium flood,Cover material: pc	C-U100001
		Bag / Fixing kit	C-K100027
		Bag / Fixing kit	C-K100028
		Bag / Fixing kit	C-K100029