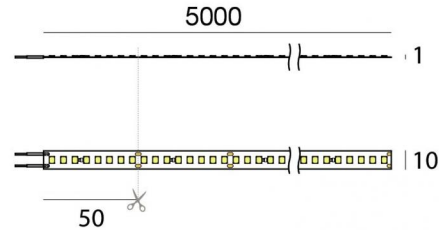


# Ribbon PRO



LED Strip | 800 topLED 84 W DC 24 V | 16.8 W/m  
2602.6 Lm/m | CRI >90

82170



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	downward
Nominal power	84 W DC
Power / m	16.8 W / m
Source lumens	13013 lm
Source lumens / m	2602.6 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	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 art.)

99374  
On/Off Driver 198~264V AC / 176~275V DC 75 W (1 art.)

83333  
Push and Simply Dim - DALI-2 Controller (1 art.)

C-E400002  
Push and Simply Dim - DALI-2 Controller (1 - 2 art.)

## Cables Electrification

Max cable length 300 mm



LED Strip | 800 topLED 84 W DC 24 V | 16.8 W/m | 2602.6 Lm/m | CRI >90 | Base  
82170

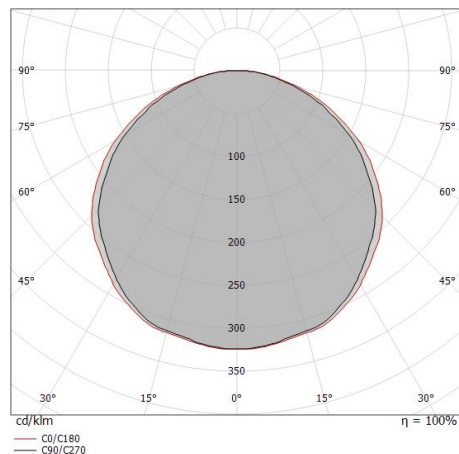
Single emission led strip for indoor application. The natural white LED light source with a diffused light distribution is composed of 800 toped LEDs with CCT of 4000 K and a CRI >90; the source luminous flux is 13013 lm, with a 154.9 lm/W nominal luminous efficacy.

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 84 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.



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	1.61 1.75	E(0°) 16882 E(C90) 58.2° 1238 E(C0) 60.3° 1028
1.0	3.23 3.51	E(0°) 4221 E(C90) 58.2° 309 E(C0) 60.3° 257
1.5	4.84 5.26	E(0°) 1876 E(C90) 58.2° 138 E(C0) 60.3° 114
2.0	6.45 7.01	E(0°) 1055 E(C90) 58.2° 77 E(C0) 60.3° 64
2.5	8.06 8.77	E(0°) 675 E(C90) 58.2° 50 E(C0) 60.3° 41
3.0	9.68 10.52	E(0°) 469 E(C90) 58.2° 34 E(C0) 60.3° 29

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

### Energy efficiency class

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



### Illuminotechnical Features

Light Output Ratio (LOR)	100 %
Source lumens	13013 lm
Delivered lumens	13013 lm
Consumption	84 W
Luminaire efficacy	154 lm/W
Colour temperature	4000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Standard Operating Ambient Temperature	-20 / +55°C

### UGR

UGR axial	32.1
UGR transversal	32.6
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

C90/C270 optics	116°
C0/C180 optics	121°
Light distribution symmetry	Symmetrical 2 axis






# Ribbon PRO



LED Strip | 800 topLED 84 W DC 24 V | 16.8 W/m | 2602.6 Lm/m | CRI >90

**82170**

## Components

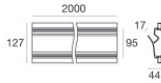
		LUNO_20/27 - Profili   Modular	<b>Code</b> <u>C-K100017</u>
		LUNO_20/27	<b>Code</b> <u>C-K100018</u>
		Rive_17/16 - Profili   Modular	<b>Code</b> <u>C-K100015</u>
		Rive_17/16 - Profili   Modular	<b>Code</b> <u>C-K100016</u>
		Cela_18/18 - Profili   Modular	<b>Code</b> <u>C-K100019</u>
		Cela_18/18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



LED Strip | 800 topLED 84 W DC 24 V | 16.8 W/m | 2602.6 Lm/m | CRI >90

**82170**

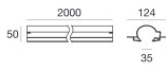
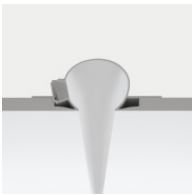
## Components



Fylo+ Recessed\_1

**Code**

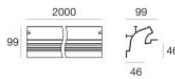
65027 - 65028



Fylo+ Recessed\_4

**Code**

65009 - 65010



Fylo+ Recessed\_5

**Code**

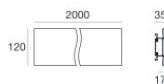
65012 - 65013



Fylo+ Surface\_1

**Code**

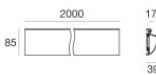
65015 - 65016



Fylo+ Surface\_2

**Code**

65018 - 65019



Fylo+ Surface\_3

**Code**

65021 - 65022



Fylo+ Surface\_4

**Code**

65024 - 65025



Fylo+ Recessed\_3

**Code**

65004 - 65003



LED Strip | 800 topLED 84 W DC 24 V | 16.8 W/m | 2602.6 Lm/m | CRI >90  
**82170**

## Components

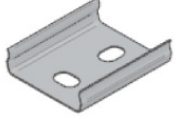
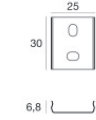

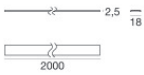














Fylo+ Direct\_1

















**Code**

65180 - 65181



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



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



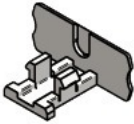
Diffuser  
Material:PC, colour:opaline.

**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





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



		<p>Closing cap Material:plastic, colour:grey.</p>	<p><b>Code</b> <u>C-V400025</u></p>
		<p>Closing cap Material:plastic, colour:grey.</p>	<p><b>Code</b> <u>C-V400027</u></p>
		<p>Closing cap Material:plastic, colour:grey.</p>	<p><b>Code</b> <u>C-V400029</u></p>
		<p>Closing cap Material:plastic, colour:grey.</p>	<p><b>Code</b> <u>C-V400031</u></p>
		<p>Closing cap Material:plastic, colour:grey.</p>	<p><b>Code</b> <u>C-V400033</u></p>
		<p>Closing cap Material:plastic, colour:grey.</p>	<p><b>Code</b> <u>C-V400035</u></p>
		<p>Closing cap Material:ABS Plastic, colour:black.</p>	<p><b>Code</b> <u>C-V400036</u></p>
		<p>Closing cap Material:ABS Plastic, colour:black.</p>	<p><b>Code</b> <u>C-V400038</u></p>



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



Ribbon PRO | LED Strip | Accessories  
82170



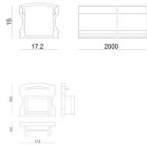
Connector  
Length 15,4 mm.

**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