

Ribbon Plus

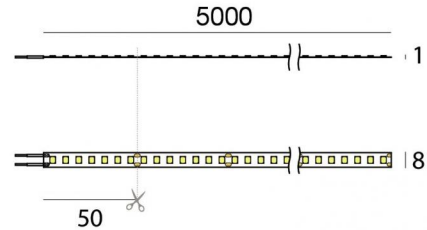


LED Strip | 700 topLED 48 W DC 24 V | 9.6 W/m
1122 Lm/m | CRI >90

82186



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	48 W DC
Power / m	9.6 W / m
Source lumens	5610 lm
Source lumens / m	1122 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	2x 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
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Electronics

	99331 On/Off Driver 198-264V AC / 176-275V DC 150 W
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	99332 1-10V Controller
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	99374 On/Off Driver 198-264V AC / 176-275V DC 75 W (1 art.)
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	83333 Push and Simply Dim - DALI-2 Controller (1 - 3 art.)
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	C-E400002 Push and Simply Dim - DALI-2 Controller (1 - 5 art.)
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Cables Electrification

Max cable length	300 mm
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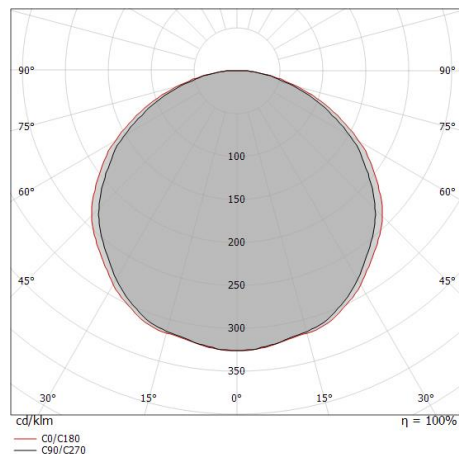
Single emission led strip for indoor application. The super warm white LED light source with a diffused light distribution is composed of 700 topped LEDs with CCT of 2700 K and a CRI >90; the source luminous flux is 5610 lm, with a 116.9 lm/W nominal luminous efficacy.

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 48 W. The power supply cable is included and features a 2x 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°) 7322 E(C90) 541 E(C0) 450
1.0	3.21 3.49	E(0°) 1831 E(C90) 135 E(C0) 113
1.5	4.82 5.24	E(0°) 814 E(C90) 60 E(C0) 50
2.0	6.43 6.98	E(0°) 458 E(C90) 34 E(C0) 28
2.5	8.03 8.73	E(0°) 293 E(C90) 22 E(C0) 18
3.0	9.64 10.48	E(0°) 203 E(C90) 15 E(C0) 13

— C0/C180 (Half-peak divergence: 120.4°)
— C90/C270 (Half-peak divergence: 116.2°)

Energy efficiency class

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

Illuminotechnical Features

Light Output Ratio (LOR)	100 %
Source lumens	5610 lm
Delivered lumens	5610 lm
Consumption	47 W
Luminaire efficacy	119 lm/W
Colour temperature	2700 K
Standard Deviation of Colour Matching	3 Step MacAdam
Standard Operating Ambient Temperature	-20 / +45°C

UGR

UGR axial	24.9
UGR transversal	27.9
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C90/C270 optics	116°
C0/C180 optics	120°
Light distribution symmetry	Symmetrical 2 axis



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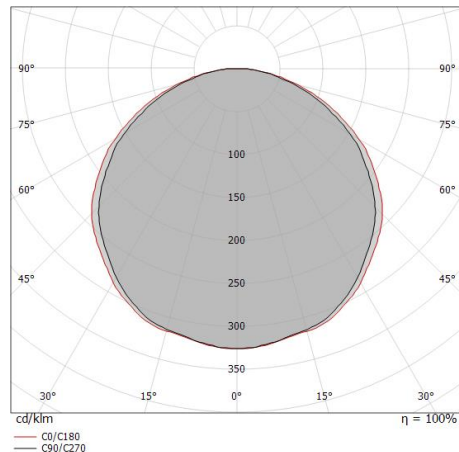
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Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	1.61 1.75	E(0°) 1464 E(C90) 108 E(C0) 90
1.0	3.21 3.49	E(0°) 366 E(C90) 27 E(C0) 23
1.5	4.82 5.24	E(0°) 163 E(C90) 12 E(C0) 10
2.0	6.43 6.98	E(0°) 92 E(C90) 7 E(C0) 6
2.5	8.03 8.73	E(0°) 59 E(C90) 4 E(C0) 4
3.0	9.64 10.48	E(0°) 41 E(C90) 3 E(C0) 3

— C0/C180 (Half-peak divergence: 120.4°)
— C90/C270 (Half-peak divergence: 116.2°)

Energy efficiency class



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

Illuminotechnical Features

Light Output Ratio (LOR)	20 %
Source lumens	5610 lm
Delivered lumens	1122 lm
Consumption	9.5 W
Luminaire efficacy	118 lm/W
Colour temperature	2700 K
Standard Deviation of Colour Matching	3 Step MacAdam
Standard Operating Ambient Temperature	-20 / +45°C

UGR

UGR axial	29.2
UGR transversal	29.6
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C90/C270 optics	116°
C0/C180 optics	120°
Light distribution symmetry	Symmetrical 2 axis



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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 700 topped LEDs with CCT of 2700 K and a CRI >90; the source luminous flux is 5610 lm, with a 116.9 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 48 W. The power supply cable is included and features a 2x 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 F.



Illuminotechnical Features

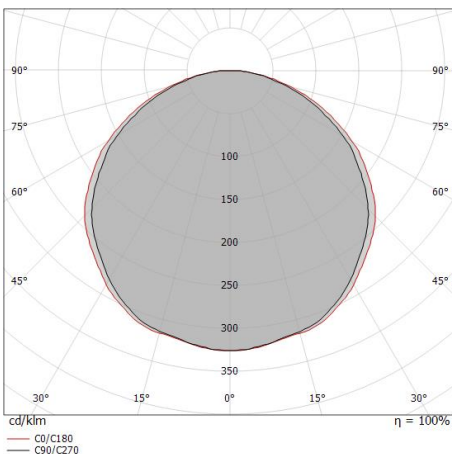
Light Output Ratio (LOR)	2 %
Source lumens	5610 lm
Delivered lumens	113 lm
Consumption	0,9 W
Luminaire efficacy	INF lm/W
Colour temperature	2700 K
Standard Deviation of Colour Matching	3 Step MacAdam
Standard Operating Ambient Temperature	-20 / +45°C

UGR

UGR axial	21.2
UGR transversal	21.6
X=4H Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C90/C270 optics	116°
C0/C180 optics	120°
Light distribution symmetry	Symmetrical 2 axis



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	1.61 1.75	E(0°) 146 E(C90) 11 E(C0) 9
1.0	3.21 3.49	E(0°) 37 E(C90) 3 E(C0) 2
1.5	4.82 5.24	E(0°) 16 E(C90) 1 E(C0) 1
2.0	6.43 6.98	E(0°) 9 E(C90) 1 E(C0) 1
2.5	8.03 8.73	E(0°) 6 E(C90) 0 E(C0) 0
3.0	9.64 10.48	E(0°) 4 E(C90) 0 E(C0) 0

— C0/C180 (Half-peak divergence: 120.4°)
— C90/C270 (Half-peak divergence: 116.2°)


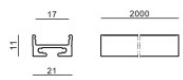
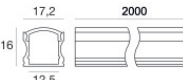
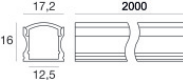

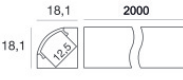
Ribbon Plus



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Components

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

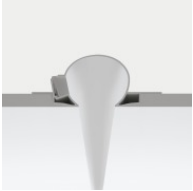
Ribbon Plus



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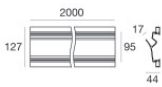
Components



Fylo+ Recessed_4

Code

65010 - 65009



Fylo+ Recessed_1

Code

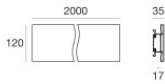
65027 - 65028



Fylo+ Surface_1

Code

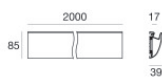
65015 - 65016



Fylo+ Surface_2

Code

65018 - 65019



Fylo+ Surface_3

Code

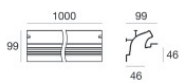
65021 - 65022



Fylo+ Surface_4

Code

65024 - 65025



Fylo+ Recessed_5

Code

65013 - 65012



Fylo+ Recessed_3

Code

65004 - 65003



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Components

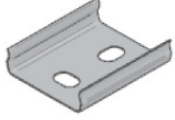
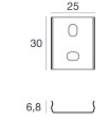

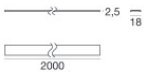














Fylo+ Direct_1

















Code

65180 - 65181



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



		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



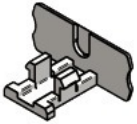
Diffuser
Material:PC, colour:opaline.

Finish
Opaline **Code**
C-K200007



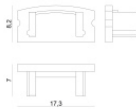
Diffuser
Material:PC, colour:black.

Finish
Black **Code**
C-K200009



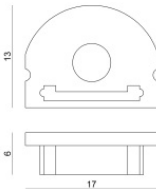
Closing cap

Code
98418



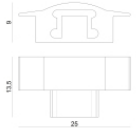
Closing cap - Closing cap
Material:PC, colour:white.

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



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



		<p>Closing cap Material:plastic, colour:grey.</p>	<p>Code C-V400037</p>
		<p>Closing cap Material:plastic, colour:grey.</p>	<p>Code C-V400041</p>
		<p>Bracket - Mounting bracket L=19mm, H=8mm, D=9mm. Material:Iron, colour:zinc, processing:Washing.</p>	<p>Code 98944</p>
		<p>Bracket L=9mm, H=8.8mm, D=21.8mm. Material:Iron, colour:translucent, processing:Washing.</p>	<p>Code 98931</p>
		<p>Bracket L=22mm, H=21.5mm, D=16.4mm. Material:PC, colour:transparent.</p>	<p>Finish Transp.</p> <p>Code 98904</p>
		<p>Bracket L=12mm, H=15mm, D=30mm. Material:PC, colour:white.</p>	<p>Finish White</p> <p>Code 98901</p>
		<p>Profile - Wall integrated side profile Material:Aluminium 6060, colour:Anodised Aluminum, processing:20 µm anodizing.</p>	<p>Code 98921</p>
		<p>Connector - Fast connector for Ribbon Basic V2 8mm, Ribbon HD 8mm (not Ribbon COB) Length 21,6 mm.</p>	<p>Code 83396</p>



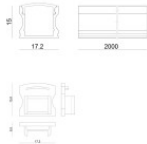
Connector - Fast connector for Ribbon Basic V2 8mm, Ribbon HD 8mm (not Ribbon COB)
Length 15,4 mm.

Code
83397



Optics
Light distribution: medium flood,Cover material: pc

Code
C-U100001



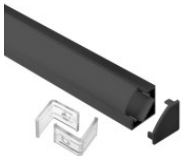
Bag / Fixing kit

Code
C-K100027



Bag / Fixing kit

Code
C-K100028



Bag / Fixing kit

Code
C-K100029