

# Ribbon PRO



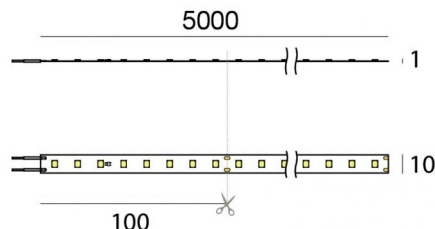
LED Strip | 400 topLED 48 W DC 24 V | 9.6 W/m  
1503.8 Lm/m | CRI >90



**82131**




Datos técnicos	
Largo	5000 mm
Corte mínimo	100 mm
Tipo	LED Strip
Posición de instalación	Pared - Techo
Ambiente de instalación	Interiores
Fuente de luz	LED
Circuit structure	topLED
Óptica	Difusa
Light emission direction	downward
Potencia nominal	48 W DC
Potencia / m	9.6 W / m
Flujo luminoso (fuente)	7519 lm
Flujo luminoso (fuente) / m	1503.8 lm / m
Rango de voltaje de entrada	24V
CCT / Tone	4000 K
Índice de rendimientos cromático	>90 Ra
C.C. / C.V.	CV
Clase de aislamiento	3
IP	IP20
Test del hilo incandescente	650°
Montaje directo sobre superficies normalmente inflamables	Sí
CE	Sí
Driver incluido.	No
Artículo regulable	DALI - 1-10V
Orientabilidad	No
Basculación	No
Practicabilidad	No
Transitabilidad	No
Cable incluido.	Sí
Largo del cable	0.3 m
Resinado	No
Tipología de emisión luminosa	Una emisión
Largo	5000 mm
Peso neto	0.09 Kg
Protección descargas electrostáticas	No
Protección contra sobretensiones	No





## Acabado cuerpo


Color blanco

## Electrónica

 99331  
On/Off Driver 198~264V AC / 176~275V DC 150 W (1 - 3 art.)

 99332  
1-10V Controller (1 - 3 art.)

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

 83333  
Push and Simply Dim - DALI-2 Controller (1 - 3 art.)

 C-E400002  
Push and Simply Dim - DALI-2 Controller (1 - 5 art.)

## Cables Electrification

Longitud máxima de 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 400 topLED LEDs with CCT of 4000 K and a CRI >90; the source luminous flux is 7519 lm, with a 156.6 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 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.

### Clase de eficiencia energética



Este producto contiene una fuente de luz de clase de eficiencia energética D.

### Características Luminotécnicas

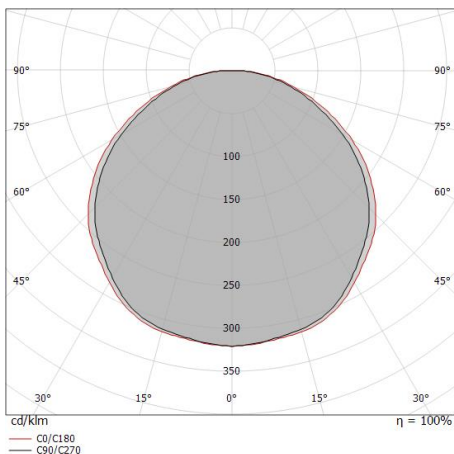
Light Output Ratio (LOR)	100 %
Flujo luminoso (fuente)	7519 lm
Flujo luminoso de luminaria	7519 lm
Consumption	48 W
Rendimiento luminoso de las luminarias	156 lm/W
Temperatura de color	4000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Temperatura estándar del ambiente de servicio	-20 / +55°C

### UGR

UGR axial	30.4
UGR transversal	30.8
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

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



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	1.60 1.75	E(0°) 9646 E(C90) 718 E(C0) 592
1.0	3.20 3.49	E(0°) 2411 E(C90) 180 E(C0) 148
1.5	4.80 5.24	E(0°) 1072 E(C90) 80 E(C0) 66
2.0	6.40 6.98	E(0°) 603 E(C90) 45 E(C0) 37
2.5	8.00 8.73	E(0°) 386 E(C90) 29 E(C0) 24
3.0	9.60 10.48	E(0°) 268 E(C90) 20 E(C0) 16

Distance [m]      Cone diameter [m]      illuminance [lx]

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



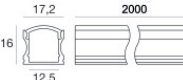
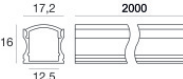
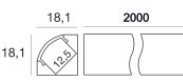



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## Components

		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>65007 - 65006</u>


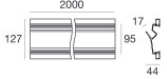

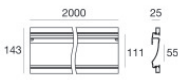
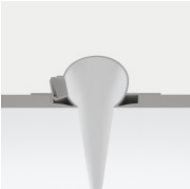
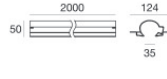

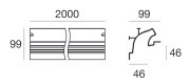


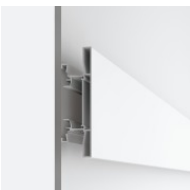
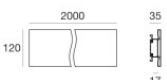

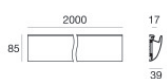


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LED Strip | 400 topLED 48 W DC 24 V | 9.6 W/m | 1503.8 Lm/m | CRI >90

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## Components

		Fylo+ Recessed_1	<b>Code</b> <u>65027 - 65028</u>
		Fylo+ Recessed_3	<b>Code</b> <u>65003 - 65004</u>
		Fylo+ Recessed_4	<b>Code</b> <u>65009 - 65010</u>
		Fylo+ Recessed_5	<b>Code</b> <u>65012 - 65013</u>
		Fylo+ Surface_1	<b>Code</b> <u>65015 - 65016</u>
		Fylo+ Surface_2	<b>Code</b> <u>65018 - 65019</u>
		Fylo+ Surface_3	<b>Code</b> <u>65021 - 65022</u>
		Fylo+ Surface_4	<b>Code</b> <u>65025 - 65024</u>

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## Components



Fylo+ Direct\_1

















**Code**

65180 - 65181



		<p>Muelles para empotrar - 5 piezas</p>	<p><b>Code</b> 98420</p>
		<p>Difusor Tipo de difusor: difusor opalino. Material:PC, color:opalino.</p>	<p><b>Finish</b> Opaline <b>Code</b> 98395</p>
		<p>Difusor</p>	<p><b>Code</b> 98941</p>
		<p>Difusor</p>	<p><b>Code</b> 98942</p>
		<p>Difusor - difusor Opalino</p>	<p><b>Code</b> 98943</p>
		<p>Difusor</p>	<p><b>Code</b> 98898</p>
		<p>Difusor</p>	<p><b>Code</b> 98899</p>
		<p>Difusor</p>	<p><b>Code</b> 98900</p>



		Difusor		<b>Code</b> 98917
		Difusor		<b>Code</b> 98925
		Difusor Material:PC, color:negro.	<b>Finish</b> Black	<b>Code</b> 83132
		Difusor Material:PC, color:opalino.	<b>Finish</b> Opaline	<b>Code</b> C-K200001
		Difusor Material:PC, color:negro.	<b>Finish</b> Black	<b>Code</b> C-K200002
		Difusor Material:PC, color:opalino.	<b>Finish</b> Opaline	<b>Code</b> C-K200003
		Difusor Material:PC, color:negro.	<b>Finish</b> Black	<b>Code</b> C-K200004
		Difusor Material:PC, color:opalino.	<b>Finish</b> Opaline	<b>Code</b> C-K200005



	<p>Difusor Material:PC, color:opalino.</p>	<table border="1"> <thead> <tr> <th>Finish</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>Opaline</td> <td>C-K200007</td> </tr> </tbody> </table>	Finish	Code	Opaline	C-K200007
Finish	Code					
Opaline	C-K200007					

	<p>Difusor Material:PC, color:negro.</p>	<table border="1"> <thead> <tr> <th>Finish</th> <th>Code</th> </tr> </thead> <tbody> <tr> <td>Black</td> <td>C-K200009</td> </tr> </tbody> </table>	Finish	Code	Black	C-K200009
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Black	C-K200009					

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	<p>Tapón - Tapa de cierre Material:PC, color:blanco.</p>	<table border="1"> <thead> <tr> <th>Code</th> </tr> </thead> <tbody> <tr> <td>98892</td> </tr> </tbody> </table>	Code	98892
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98902				

	<p>Tapón Material:aluminio, color:pulido.</p>	<table border="1"> <thead> <tr> <th>Code</th> </tr> </thead> <tbody> <tr> <td>98907</td> </tr> </tbody> </table>	Code	98907
Code				
98907				





		<p>Tapón Material:PC, color:blanco.</p>	<p><b>Code</b> <u>98922</u></p>
		<p>Tapón Material:PC, color:blanco.</p>	<p><b>Code</b> <u>98918</u></p>
		<p>Tapón Material:PC, color:negro.</p>	<p><b>Code</b> <u>83133</u></p>
		<p>Tapón Material:plástico, color:gris.</p>	<p><b>Code</b> <u>C-V400023</u></p>
		<p>Tapón Material:plástico, color:gris.</p>	<p><b>Code</b> <u>C-V400019</u></p>
		<p>Tapón Material:Plástico ABS, color:negro.</p>	<p><b>Code</b> <u>C-V400020</u></p>
		<p>Tapón Material:plástico, color:gris.</p>	<p><b>Code</b> <u>C-V400021</u></p>
		<p>Tapón Material:Plástico ABS, color:negro.</p>	<p><b>Code</b> <u>C-V400022</u></p>



		<p>Tapón Material:plástico, color:gris.</p>	<p><b>Code</b> <u>C-V400025</u></p>
		<p>Tapón Material:plástico, color:gris.</p>	<p><b>Code</b> <u>C-V400027</u></p>
		<p>Tapón Material:plástico, color:gris.</p>	<p><b>Code</b> <u>C-V400029</u></p>
		<p>Tapón Material:plástico, color:gris.</p>	<p><b>Code</b> <u>C-V400031</u></p>
		<p>Tapón Material:plástico, color:gris.</p>	<p><b>Code</b> <u>C-V400033</u></p>
		<p>Tapón Material:plástico, color:gris.</p>	<p><b>Code</b> <u>C-V400035</u></p>
		<p>Tapón Material:Plástico ABS, color:negro.</p>	<p><b>Code</b> <u>C-V400036</u></p>
		<p>Tapón Material:Plástico ABS, color:negro.</p>	<p><b>Code</b> <u>C-V400038</u></p>

# Ribbon PRO



Ribbon PRO | LED Strip | Accessories  
82131

		<p>Tapón Material:plástico, color:gris.</p>	<p><b>Code</b> C-V400037</p>
		<p>Tapón Material:plástico, color:gris.</p>	<p><b>Code</b> C-V400041</p>
		<p>Soporte - Soporte de montaje L=19mm, H=8mm, D=9mm. Material:Hierro, color:zinc, elaboración :Lavado.</p>	<p><b>Code</b> 98944</p>
		<p>Soporte L=9mm, H=8.8mm, D=21.8mm. Material:Hierro, color:pulido, elaboración :Lavado.</p>	<p><b>Code</b> 98931</p>
		<p>Soporte L=22mm, H=21.5mm, D=16.4mm. Material:PC, color:transparente.</p>	<p><b>Finish</b> Transp.</p> <p><b>Code</b> 98904</p>
		<p>Soporte L=12mm, H=15mm, D=30mm. Material:PC, color:blanco.</p>	<p><b>Finish</b> White</p> <p><b>Code</b> 98901</p>
		<p>Perfil Material:Aluminio 6060, color:Aluminio Anodizado, elaboración :Anodizado 20 µm.</p>	<p><b>Code</b> 98921</p>
		<p>Conector - Conector rápido para Ribbon Plus 10mm - Ribbon PRO - Ribbon PRO 48 Largo 21,6 mm.</p>	<p><b>Code</b> 83398</p>



		<p>Conector Largo 15,4 mm.</p>	<p><b>Code</b> <u>83399</u></p>
		<p>Óptica Distribución de la luz: medium flood,Material de revestimiento: pc</p>	<p><b>Code</b> <u>C-U100001</u></p>
		<p>Bolsa / Kit de fijación</p>	<p><b>Code</b> <u>C-K100027</u></p>
		<p>Bolsa / Kit de fijación</p>	<p><b>Code</b> <u>C-K100028</u></p>
		<p>Bolsa / Kit de fijación</p>	<p><b>Code</b> <u>C-K100029</u></p>