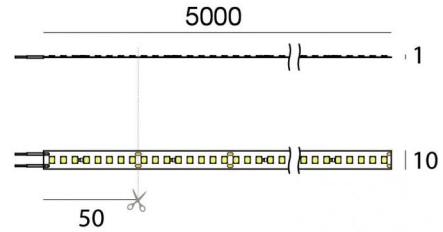


# Ribbon PRO



LED Strip | 800 topLED 84 W DC 24 V | 16.8 W/m  
2419.6 Lm/m | CRI >90


82169





Datos técnicos	
Largo	5000 mm
Corte mínimo	50 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	84 W DC
Potencia / m	16.8 W / m
Flujo luminoso (fuente)	12098 lm
Flujo luminoso (fuente) / m	2419.6 lm / m
Rango de voltaje de entrada	24V
CCT / Tone	3000 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 art.)

 99332  
1-10V Controller (1 art.)

 99374  
On/Off Driver 198~264V AC / 176~275V DC 75 W

 83333  
Push and Simply Dim - DALI-2 Controller

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

### Cables Electrificación

Longitud máxima de 300 mm

LED Strip | 800 topLED 84 W DC 24 V | 16.8 W/m | 2419.6 Lm/m | CRI >90  
**82169**

Single emission led strip for indoor application. The warm white LED light source with a diffused light distribution is composed of 800 topLEDs with CCT of 3000 K and a CRI >90; the source luminous flux is 12098 lm, with a 144.0 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.

### Clase de eficiencia energética



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

### Características Luminotécnicas

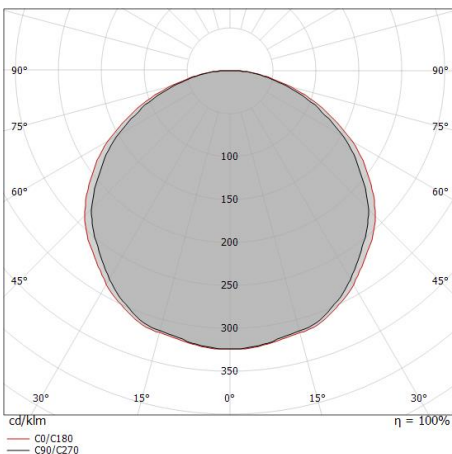
Light Output Ratio (LOR)	100 %
Flujo luminoso (fuente)	12098 lm
Flujo luminoso de luminaria	12098 lm
Consumption	84 W
Rendimiento luminoso de las luminarias	144 lm/W
Temperatura de color	3000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Temperatura estándar del ambiente de servicio	-20 / +55°C

### UGR

UGR axial	31.9
UGR transversal	32.3
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

### OPTICAL

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



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	1.61 1.75	E(0°) 15695 E(C90) 58.2° 1151 E(C0) 60.3° 956
1.0	3.23 3.51	E(0°) 3924 E(C90) 58.2° 288 E(C0) 60.3° 239
1.5	4.84 5.26	E(0°) 1744 E(C90) 58.2° 128 E(C0) 60.3° 106
2.0	6.45 7.01	E(0°) 981 E(C90) 58.2° 72 E(C0) 60.3° 60
2.5	8.06 8.77	E(0°) 628 E(C90) 58.2° 46 E(C0) 60.3° 38
3.0	9.68 10.52	E(0°) 436 E(C90) 58.2° 32 E(C0) 60.3° 27

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

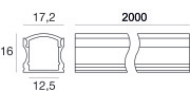
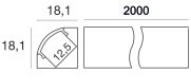

# Ribbon PRO



LED Strip | 800 topLED 84 W DC 24 V | 16.8 W/m | 2419.6 Lm/m | CRI >90

82169

## 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>

# Ribbon PRO



LED Strip | 800 topLED 84 W DC 24 V | 16.8 W/m | 2419.6 Lm/m | CRI >90

82169

## Components

		Fylo+ Recessed_5	<b>Code</b> <u>65012 - 65013</u>
		Fylo+ Recessed_1	<b>Code</b> <u>65027 - 65028</u>
		Fylo+ Recessed_4	<b>Code</b> <u>65009 - 65010</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>65024 - 65025</u>
		Fylo+ Recessed_3	<b>Code</b> <u>65004 - 65003</u>



LED Strip | 800 topLED 84 W DC 24 V | 16.8 W/m | 2419.6 Lm/m | CRI >90

**82169**

## Components

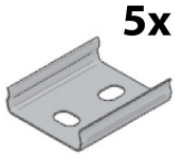
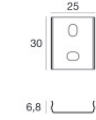

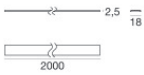














Fylo+ Direct\_1

















**Code**

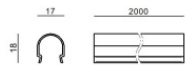
65180 - 65181



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



Difusor  
Material:PC, color:opalino.

**Finish**  
Opaline **Code**  
C-K200007



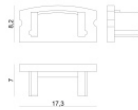
Difusor  
Material:PC, color:negro.

**Finish**  
Black **Code**  
C-K200009



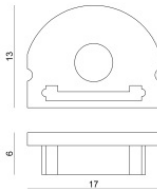
Tapón

**Code**  
98418



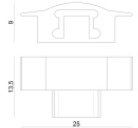
Tapón - Tapa de cierre  
Material:PC, color:blanco.

**Code**  
98892



Tapón

**Code**  
98928



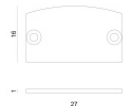
Tapón

**Code**  
98896



Tapón

**Code**  
98902



Tapón  
Material:aluminio, color:pulido.

**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>



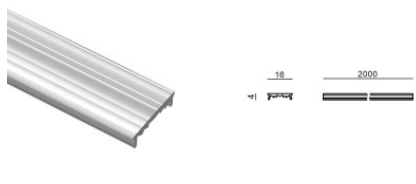
		<p>Tapón Material:plástico, color:gris.</p>	<p><b>Code</b> <u>C-V400025</u></p>
		<p>Tapón Material:plástico, color:gris.</p>	<p><b>Code</b> <u>C-V400027</u></p>
		<p>Tapón Material:plástico, color:gris.</p>	<p><b>Code</b> <u>C-V400029</u></p>
		<p>Tapón Material:plástico, color:gris.</p>	<p><b>Code</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>



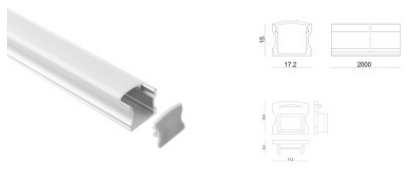
**Conector**  
Largo 15,4 mm.

**Code**  
83399



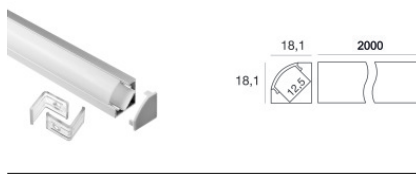
**Óptica**  
Distribución de la luz: medium flood, Material de revestimiento: pc

**Code**  
C-U100001



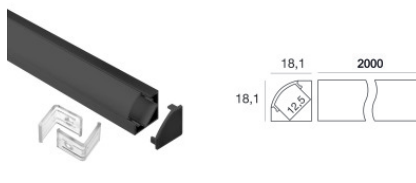
**Bolsa / Kit de fijación**

**Code**  
C-K100027



**Bolsa / Kit de fijación**

**Code**  
C-K100028



**Bolsa / Kit de fijación**

**Code**  
C-K100029