

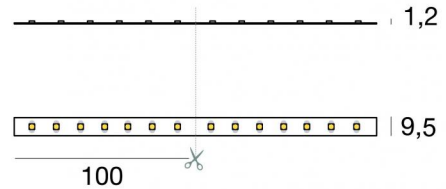
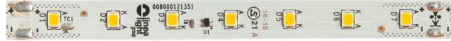
# Ribbon Plus Hi-Flux 70 LEDs/m



LED Strip | 350 topLED 63 W DC 24 V | 12.6 W/m  
1710 Lm/m | CRI 85



**98640**







Technical data	
Length	5000 mm
Minimum cut	100 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	63 W DC
Power / m	12.6 W / m
Source lumens	8550 lm
Source lumens / m	1710 lm / m
Input voltage range	24V
CCT / Tone	4000 K
Colour rendering index	85 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	0.125 Kg
Electrostatic discharge protection	No
Surge protection	No

## Finishing casing

Material	Technopolymer
Colour	white

## Electronics

	99331 On/Off Driver 198~264V AC / 176~275V DC 150 W (1 - 2 art.)
	99332 1-10V Controller (1 - 2 art.)
	99374 On/Off Driver 198~264V AC / 176~275V DC 75 W (1 art.)
	83062 DALI - Push and Simply Dim Controller 198~264V AC / 176~280V DC 150 W (1 - 2 art.)

## Cables Electrification

Max cable length	300 mm
------------------	--------

# Ribbon Plus Hi-Flux 70 LEDs/m



LED Strip | 350 topLED 63 W DC 24 V | 12.6 W/m | 1710 Lm/m | CRI 85 | Base  
**98640**

Single emission led strip for indoor application. The natural white LED light source with a diffused light distribution is composed of 350 topLED LEDs with CCT of 4000 K and a CRI 85; the source luminous flux is 8550 lm, with a 135.7 lm/W nominal luminous efficacy.

The device body is made of technopolymer and features a white finish. The ingress protection degree is IP20; the total weight is of 0.125 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 63 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	8550 lm
Delivered lumens	8550 lm
Consumption	63 W
Luminaire efficacy	135 lm/W
Colour temperature	4000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	85 Ra
Junction temperature (lighting fixture)	80
Standard Operating Ambient Temperature	25°C

## LED Life / Failure Ratio

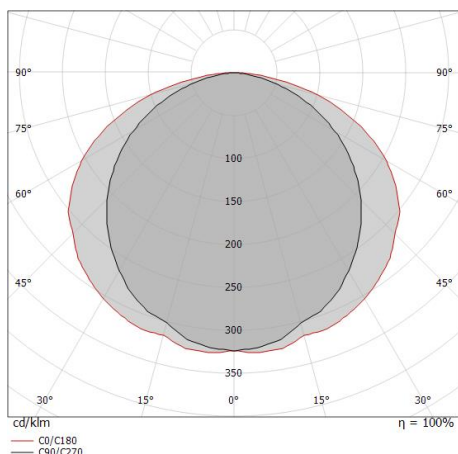
L70 B20 C0 72500h (at Tj 115 Ta 25 )

## UGR

UGR axial	30.3
UGR transversal	33.1
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

## OPTICAL

C90/C270 optics	110°
C0/C180 optics	133°
Light distribution symmetry	Symmetrical 2 axis



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	1.42 2.30	E(0°) 11075 E(C90) 54.9° 1055 E(C0) 66.5° 355
1.0	2.85 4.60	E(0°) 2769 E(C90) 54.9° 264 E(C0) 66.5° 89
1.5	4.27 6.90	E(0°) 1231 E(C90) 54.9° 117 E(C0) 66.5° 39
2.0	5.69 9.20	E(0°) 692 E(C90) 54.9° 66 E(C0) 66.5° 22
2.5	7.11 11.50	E(0°) 443 E(C90) 54.9° 42 E(C0) 66.5° 14
3.0	8.54 13.80	E(0°) 308 E(C90) 54.9° 29 E(C0) 66.5° 10

— C0/C180 (Half-peak divergence: 133.0°)  
 — C90/C270 (Half-peak divergence: 109.8°)

# Ribbon Plus Hi-Flux 70 LEDs/m



LED Strip | 350 topLED 63 W DC 24 V | 12.6 W/m | 1710 Lm/m | CRI 85 | Base

**98640**

Single emission led strip for indoor application. The natural white LED light source with a diffused light distribution is composed of 350 topLED LEDs with CCT of 4000 K and a CRI 85; the source luminous flux is 8550 lm, with a 135.7 lm/W nominal luminous efficacy.

The device body is made of technopolymer and features a white finish. The ingress protection degree is IP20; the total weight is of 0.125 kg. The power supply driver is not provided and is to be ordered separately.

The total absorbed power is 63 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)	20 %
Source lumens	8550 lm
Delivered lumens	1710 lm
Consumption	13 W
Luminaire efficacy	131 lm/W
Colour temperature	4000 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	85 Ra
Junction temperature (lighting fixture)	80
Standard Operating Ambient Temperature	25°C

## LED Life / Failure Ratio

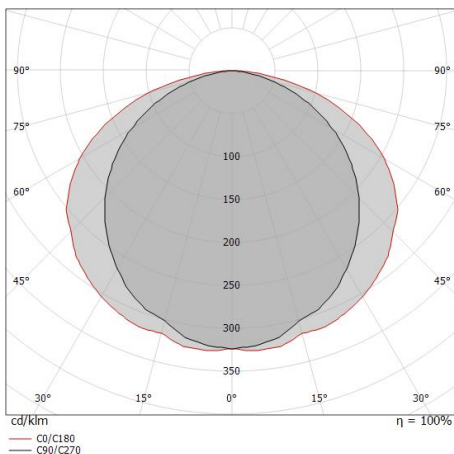
L70 B20 C0 72500h (at Tj 115 Ta 25 )

## UGR

UGR axial	30.3
UGR transversal	33.1
X=4H   Y=8H	S=0.25H
Reflection factor	70/50/20

## OPTICAL

C90/C270 optics	110°
C0/C180 optics	133°
Light distribution simmetry	Symmetrical 2 assis



Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	1.42 2.30	E(0°) 2215 E(C90) 211 E(C0) 71
1.0	2.85 4.60	E(0°) 554 E(C90) 53 E(C0) 18
1.5	4.27 6.90	E(0°) 246 E(C90) 23 E(C0) 8
2.0	5.69 9.20	E(0°) 138 E(C90) 13 E(C0) 4
2.5	7.11 11.50	E(0°) 89 E(C90) 8 E(C0) 3
3.0	8.54 13.80	E(0°) 62 E(C90) 6 E(C0) 2

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

— C0/C180 (Half-peak divergence: 133.0°)  
— C90/C270 (Half-peak divergence: 109.8°)

# Ribbon Plus Hi-Flux 70 LEDs/m



LED Strip | 350 topLED 63 W DC 24 V | 12.6 W/m | 1710 Lm/m | CRI 85

**98640**

## Components

		Vojo	<b>Code</b> <u>98891 - 83129 - 98954 - 84446 - 99983</u>
		Rive_17/16	<b>Code</b> <u>99905 - 98893 - 83130 - C-K100015 - C-K100016 - C-K100026 - C-K100027</u>
		LUNO_20/27	<b>Code</b> <u>98929 - 83137 - C-K100017 - C-K100018</u>
		Sageto_24/08	<b>Code</b> <u>98895 - 98965</u>
		Roko_33/15	<b>Code</b> <u>98897</u>
		Ghost_64/14	<b>Code</b> <u>98906</u>
		Armita_58/15	<b>Code</b> <u>98916</u>
		Suo_56/10	<b>Code</b> <u>98937</u>


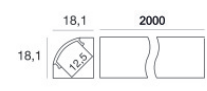





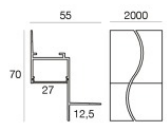


# Ribbon Plus Hi-Flux 70 LEDs/m



LED Strip | 350 topLED 63 W DC 24 V | 12.6 W/m | 1710 Lm/m | CRI 85

**98640**

## Components

		Cela_18/18	<b>Code</b> 98903 - 83131 - C-K100019 - C-K100020 - C-K100028 - C-K100029
		Svik_00/00	<b>Code</b> <u>98956M</u>
		Papilio_41/41	<b>Code</b> <u>98919</u>
		Tabulo_35/14	<b>Code</b> <u>98921 - C-K100025</u>
		Ozner_25/10	<b>Code</b> <u>98419</u>




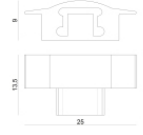



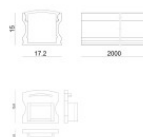

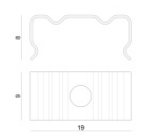








		<p>Closing cap Material:PC, colour:white.</p>	<p><b>Code</b> <u>98918</u></p>
		<p>Diffuser</p>	<p><b>Code</b> <u>98917</u></p>
		<p>Closing cap Material:Aluminium, colour:translucent.</p>	<p><b>Code</b> <u>98907</u></p>
		<p>Bracket L=12mm, H=15mm, D=30mm. Material:PC, colour:white.</p>	<p><b>Finish</b> <input type="text" value="White"/></p> <p><b>Code</b> <u>98901</u></p>
		<p>Closing cap</p>	<p><b>Code</b> <u>98902</u></p>
		<p>Diffuser</p>	<p><b>Code</b> <u>98900</u></p>
		<p>Diffuser</p>	<p><b>Code</b> <u>98899</u></p>
		<p>Diffuser</p>	<p><b>Code</b> <u>98898</u></p>

# Ribbon Plus Hi-Flux 70 LEDs/m



Ribbon Plus Hi-Flux 70 LEDs/m | LED Strip | Accessories

**98640**

		<p>Closing cap</p>	<p><b>Code</b> <u>98896</u></p>
		<p>Diffuser</p>	<p><b>Code</b> <u>98941</u></p>
		<p>Bag / Fixing kit - aluminium profile + pc opal profile cover + plastic cap kit 2 pcs. white + kit 5 metal brackets + 5 screws</p>	<p><b>Code</b> <u>99905</u></p>
		<p>Bracket - Mounting bracket L=19mm, H=8mm, D=9mm. Material:Iron, colour:zinc, processing:Washing.</p>	<p><b>Code</b> <u>98944</u></p>
		<p>Diffuser Material:PC, colour:black.</p>	<p><b>Finish</b> <b>Black</b> <b>Code</b> <u>83132</u></p>
		<p>Diffuser - Opaline Diffuser</p>	<p><b>Code</b> <u>98943</u></p>
		<p>Diffuser</p>	<p><b>Code</b> <u>98942</u></p>
		<p>Profile Material:Aluminium, colour:Anodised Black, processing:Anodisation.</p>	<p><b>Code</b> <u>83130</u></p>



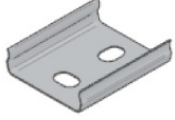
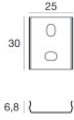

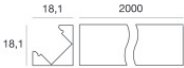





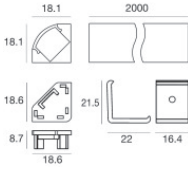

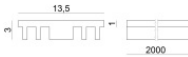
		<p>Bag / Fixing kit - black aluminium profile + black opal pc profile cover + kit of 2 black plastic caps + kit of 5 metal brackets + 5 screws</p>	<p><b>Code</b> 84454</p>
		<p>Bag / Fixing kit - aluminium profile + pc opal profile cover + plastic cap kit 2 pcs. white + kit 5 metal brackets + 5 screws</p>	<p><b>Code</b> 84452</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>Closing cap Material:PC, colour:black.</p>	<p><b>Code</b> 83184</p>
		<p>Closing cap Material:PC, colour:black.</p>	<p><b>Code</b> 83139</p>
		<p>Diffuser Material:PC, colour:black.</p>	<p><b>Finish</b> <b>Black</b>      <b>Code</b> 83183</p>
		<p>Diffuser Material:PC, colour:black.</p>	<p><b>Finish</b> <b>Black</b>      <b>Code</b> 83138</p>
		<p>Profile Material:Aluminium, colour:Anodised Black, processing:Anodisation.</p>	<p><b>Code</b> 83137</p>





		<p>Closing cap</p>	<p><b>Code</b> <u>98928</u></p>
		<p>Closing cap Material:PC, colour:black.</p>	<p><b>Code</b> <u>83133</u></p>
		<p>Closing cap - Closing cap Material:PC, colour:white.</p>	<p><b>Code</b> <u>98892</u></p>
		<p>Diffuser</p>	<p><b>Code</b> <u>98925</u></p>
		<p>Profile - Wall integrated side profile Material:Aluminium 6060, colour:Anodised Aluminum, processing:20 µm anodizing.</p>	<p><b>Code</b> <u>98921</u></p>
		<p>Closing cap Material:PC, colour:white.</p>	<p><b>Code</b> <u>98922</u></p>
		<p>Diffuser Diffuser Type: opaline diffuser. Material:PC, colour:opaline.</p>	<p><b>Finish</b> <u>Opaline</u>      <b>Code</b> <u>98395</u></p>
		<p>Closing cap</p>	<p><b>Code</b> <u>98418</u></p>



 <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>18,1 2000 18,1</p>	<p>Profile Material:Aluminium, colour:Anodised Black, processing:Anodisation.</p>	<p><b>Code</b> 83131</p>
	 <p>18,8 8,7 18,8</p>	<p>Closing cap Material:PC, colour:black.</p>	<p><b>Code</b> 83136</p>
	 <p>21,5 22 16,4</p>	<p>Bracket L=22mm, H=21.5mm, D=16.4mm. Material:PC, colour:transparent.</p>	<p><b>Finish</b> Transp. <b>Code</b> 98904</p>
	 <p>18,1 2000 18,1 18,8 21,5 8,7 22 16,4 18,8</p>	<p>Bag / Fixing kit - aluminium profile + black pc profile cover + plastic cap kit 2 pcs. black + kit 5 plastic brackets + 5 screws</p>	<p><b>Code</b> 84456</p>
	 <p>13,5 2000</p>	<p>Profile - 10 x Heat Sink Material:Aluminium 6060, colour:Anodised Aluminum, processing:20 µm anodizing.</p>	<p><b>Code</b> 99999</p>