Ribbon 120 LEDs/m

LED Strip | 600 topLED 60 W DC 24 V | 12 W/m
1236 Lm/m | CRI 80
98078

2.4

| 50 | 10 |

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
Light emission direction	frontal
Nominal power	60 W DC
Power / m	12 W / m
Source lumens	6180 lm
Source lumens / m	1236 lm / m
Input voltage range	24V
CCT / Tone	2700 K
Colour rendering index	80 Ra
C.C. / C.V.	CV
Safety class	3
IP	IP20
Glow wire test	No
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	0.50 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.)

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Ribbon 120 LEDs/m

LED Strip | 600 topLED 60 W DC 24 V | 12 W/m | 1236 Lm/m | CRI 80 | Base
98078

Single emission led strip for indoor application. The super warm white LED light source is composed of 600 topled LEDs with CCT of 2700 K and a CRI 80; the source luminous flux is 6180 lm, with a 103.0 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 60 W. The power supply cable is included and features a 0.50 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)	100 %
Source lumens	6180 lm
Delivered lumens	6181 lm
Consumption	60 W
Luminaire efficacy	103 lm/W
Colour temperature	2700 K
Standard Deviation of Colour Matching	3 Step MacAdam
Colour rendering index	80 Ra
Standard Operating Ambient Temperature	-20 / +45°C

LED Life / Failure Ratio

L80 B10 C0 25000h

UGR

UGR axial	29.4
UGR transversal	29.4
X=4H	Y=8H	S=0.25H
Reflection factor	70/50/20

OPTICAL

C0/C180 optics	116°
Light distribution simmetry	Symmetrical

cd/klm η = 100%
— C0/C180
— C90/C270
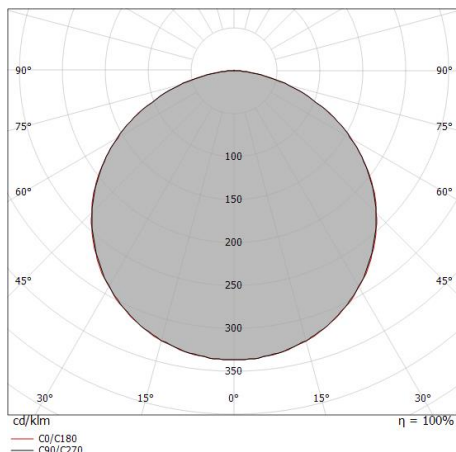
Distance [m]	Cone diameter [m]		Illuminance [lx]	
0.5	1.59 / 1.60	E(0°)		8325
		E(C90)	57.9°	627
		E(C0)	58.0°	621
1.0	3.19 / 3.20	E(0°)		2081
		E(C90)	57.9°	157
		E(C0)	58.0°	155
1.5	4.78 / 4.80	E(0°)		925
		E(C90)	57.9°	70
		E(C0)	58.0°	69
2.0	6.38 / 6.40	E(0°)		520
		E(C90)	57.9°	39
		E(C0)	58.0°	39
2.5	7.97 / 8.00	E(0°)		333
		E(C90)	57.9°	25
		E(C0)	58.0°	25
3.0	9.56 / 9.60	E(0°)		231
		E(C90)	57.9°	17
		E(C0)	58.0°	17

— C0/C180 (Half-peak divergence: 116.0°)
— C90/C270 (Half-peak divergence: 115.8°)

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Components

	17,2 / 2000 / 16 / 12,5	Rive_17/16	**Code**	99905 - 98893 - 83130 - C-K100015 - C-K100016 - C-K100026 - C-K100027
	17,3 / 2000 / 8,2	Vojo	**Code**	98891 - 83129 - 98954 - 84446 - 99983
	17 / 2000 / 11 / 21	LUNO_20/27	**Code**	98929 - 83137 - C-K100017 - C-K100018
	24 / L / 8,2 / 17	Sageto_24/08	**Code**	98895 - 98965
	33 / L / 15 / 26,5	Roko_33/15	**Code**	98897
	64 / L / 15 / 10 / 26	Ghost_64/14	**Code**	98906
	0.6 / L / 0.7	Armita_58/15	**Code**	98916
	56,7 / L / 10	Suo_56/10	**Code**	98937
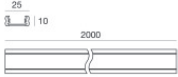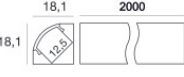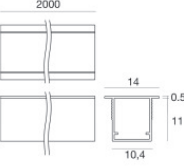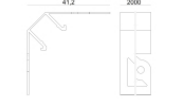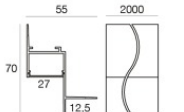
Ribbon 120 LEDs/m

LED Strip | 600 topLED 60 W DC 24 V | 12 W/m | 1236 Lm/m | CRI 80
98078

Components

				Code
		Ozner_25/10		98419
		Cela_18/18		98903 - 83131 - C-K100019 - C-K100020 - C-K100028 - C-K100029
		Svik_00/00		98956M
		Narp_12/12		63560L02M
		Ice_14/11		99977
		Ice_10/10		99979
		Papilio_41/41		98919
		Tabulo_35/14		98921 - C-K100025

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Components

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Ribbon 120 LEDs/m | LED Strip | Accessories
98078

				Code
		Bag / Fixing kit		98398
		Bag / Fixing kit - aluminium profile + pc opal profile cover + plastic cap kit 2 pcs. white + kit 5 metal brackets + 5 screws		Code 84452
		Bag / Fixing kit - black aluminium profile + black opal pc profile cover + kit of 2 black plastic caps + kit of 5 metal brackets + 5 screws		Code 84454
		Bag / Fixing kit - aluminium profile + pc opal profile cover + plastic cap kit 2 pcs. white + kit 5 metal brackets + 5 screws		Code 99905
		Bag / Fixing kit - aluminium profile + black pc profile cover + plastic cap kit 2 pcs. black + kit 5 plastic brackets + 5 screws		Code 84456
5x		Springs for recessing - 5 pieces		Code 98420
		Diffuser Diffuser Type: opaline diffuser. Material:PC, colour:opaline.	**Finish** Opaline	**Code** 98395
		Diffuser		Code 98941

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Ribbon 120 LEDs/m | LED Strip | Accessories
98078

		Diffuser	**Code**
			98942

		Diffuser - Opaline Diffuser	**Code**
			98943

		Diffuser	**Code**
			98898

		Diffuser	**Code**
			98899

		Diffuser	**Code**
			98900

		Diffuser	**Code**
			98917

		Diffuser	**Code**
			98925

		Diffuser Material:PC, colour:black.	**Finish** Black	**Code** 83132

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Ribbon 120 LEDs/m

Ribbon 120 LEDs/m | LED Strip | Accessories
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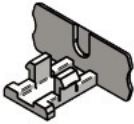
			Finish	Code
	Diffuser Material:PC, colour:black.		**Black**	83138
	Diffuser Material:PC, colour:black.		**Black**	83183
	Closing cap			**Code** 98418
	Closing cap - Closing cap Material:PC, colour:white.			**Code** 98892
	Closing cap			**Code** 98928
	Closing cap			**Code** 98896
	Closing cap			**Code** 98902
	Closing cap Material:Aluminium, colour:translucent.			**Code** 98907
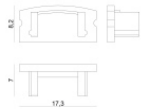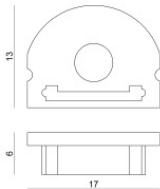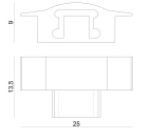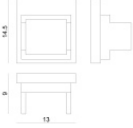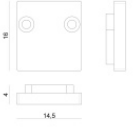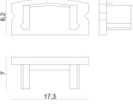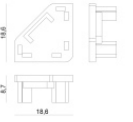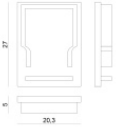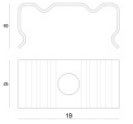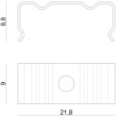
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Ribbon 120 LEDs/m | LED Strip | Accessories
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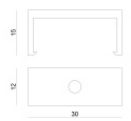|			**Code**
		Closing cap Material:PC, colour:white.	98922
		Closing cap Material:PC, colour:white.	98918
		Closing cap Material:PC, colour:black.	83133
		Closing cap Material:PC, colour:black.	83136
		Closing cap Material:PC, colour:black.	83139
		Closing cap Material:PC, colour:black.	83184
		Bracket - Mounting bracket L=19mm, H=8mm, D=9mm. Material:Iron, colour:zinc, processing:Washing.	98944
		Bracket L=9mm, H=8.8mm, D=21.8mm. Material:Iron, colour:translucent, processing:Washing.	98931

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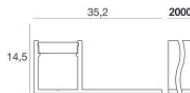
Ribbon 120 LEDs/m | LED Strip | Accessories
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		Finish	**Code**
Bracket L=22mm, H=21.5mm, D=16.4mm. Material:PC, colour:transparent.		Transp.	98904

		Finish	**Code**
Bracket L=12mm, H=15mm, D=30mm. Material:PC, colour:white.		White	98901

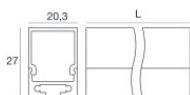|		**Code**
Profile - Wall integrated side profile Material:Aluminium 6060, colour:Anodised Aluminum, processing:20 µm anodizing.		98921

		Code
Profile Material:Aluminium, colour:Anodised Black, processing:Anodisation.		83130

		Code
Profile Material:Aluminium, colour:Anodised Black, processing:Anodisation.		83131

		Code
Profile Material:Aluminium, colour:Anodised Black, processing:Anodisation.		83137

		Code
Profile - 10 x Heat Sink Material:Aluminium 6060, colour:Anodised Aluminum, processing:20 µm anodizing.		99999

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