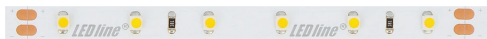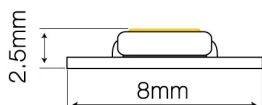# LED line

LED line® strip 300 SMD 24V 6500K 4,8W 30m

LED Strip line is a modern and versatile linear **light source**, used for interior lighting, furniture, lightboxes, illuminated signs, and public spaces.

2.5mm
8mm

3-step MacAdam — The colour temperature range of the product falls within 3 steps of MacAdam formula, which ensures high consistency of the produced light.

5-year warranty — Manufacturer issues a 5-year warranty for this product.

120° — Beam angle

SMD3528 — LED type

60 / 1m — LED quantity (1m)

TAK — Dimmable

*.IES — Reliable photometric files are available based on photometric tests performed at the LED line® Light Research and Measurement Centre.

voltage 24 DC — Voltage range and voltage type

MAX -20 ÷ 45 — Ambient temperature suitable for operation

50 000 h L70B50 — Lifespan

83 lm / W

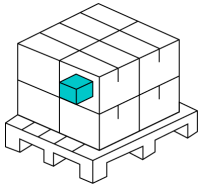| Parameter	Value
Luminous efficacy	83 lm/W
Colour of the light	White
Energy efficiency class 2019/2015	G
Correlated colour temperature	6500 K
Colour consistency in McAdam ellipses	≤3
IP protection rating	20
Warranty (years)	5
Dimmable function	Yes
Survival factor	0.9
Minimum purchase quantity	30
Lifetime L70B50	50 000
Wattage (1m)	4,8 W
Luminous flux (1m)	400lm
Current (1m)	0,2
Supply voltage range and voltage type	24 DC
Colour rendering index Ra	80
Metres per roll	30
The lumen maintenance factor	96
Beam angle	120 °

Parameter	Value
Number of on/off cycles	50000
Colour consistency in McAdam ellipses	≤3
Ambient temperature suitable for operation	`-20 ÷ 45 ℃
For indoor use	Inside
IEC protection class	III
Full box quantity	15 pc
Lamp's warm-up time to 60%	1
Width	8 mm
Height	2,5 mm
Product weight with packaging (g)	580 g
Master carton weight (kg)	8,7
EPREL ID	632 029
Date of first placement on the market	01.04.2016
Energy class	A+
Form of the product (EPREL)	Dotyczy 50cm taśmy
Angle for useful luminous flux (EPREL)	Sphere 360 degrees
Is the product equipped with an integrated light source? (EPREL)	No
Non-directional or directional light source (EPREL)	NDLS

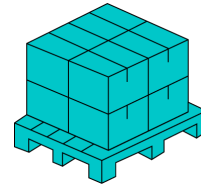|			
LED type	SMD3528	Is this product a light source? (EPREL)	Yes
Not dimmable	TAK	Mains or non- mains light source (EPREL)	NMLS
Compatible dimmer type	PWM	Connected light source (EPREL)	No
Laminate (colour)	White	Colour-tuneable light source (EPREL)	No
Laminate (thickness)	2	R9 colour rendering index value (EPREL)	13
LED quantity (1m)	60	Total luminous flux (EPREL)	200
Cutting section	10	On-mode power Pon (EPREL)	2
Type of adhesive tape	3M 300 LSE	Useful luminous flux Φuse (EPREL)	200
Lifespan	100000	Beam angle in degrees (EPREL)	120

Luminous [cd/klm]

C0 - C180 **C90 - C270**
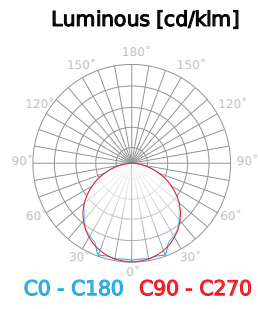
Single packaging

1

Bulk packaging

1

Europallet

5