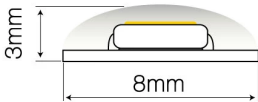# LED line

LED line® strip 300 SMD 12V 4000K 4,8W IP65

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

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.

YELLOW FREE™ — Yellow free technology means that the housing of this product is made of high quality material which is resistant to yellowing degeneration caused by UV radiation, thanks to which the product maintains its easthetic appearance for many years.

3-year warranty — Manufacturer issues a 3-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.

This product is featured by a high degree of IP protection, which makes it suitable for a broader range of lighting applications and offers high safety of use.

voltage 12 DC — Voltage range and voltage type

MAX -20 ÷ 45 ° — Ambient temperature suitable for operation

50 000 h / L70B50 — Lifespan

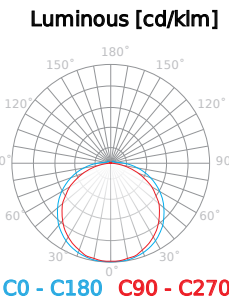**lm/W / W**

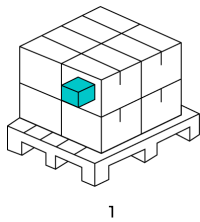| Parameter	Value
Luminous efficacy	83 lm/W
Colour of the light	White
Energy efficiency class 2019/2015	G
Correlated colour temperature	4000 K
Colour consistency in McAdam ellipses	≤6
Warranty (years)	3
Dimmable function	Yes
Survival factor	0.9
Minimum purchase quantity	5
Lifetime L70B50	50 000
Wattage (1m)	4,8 W
Luminous flux (1m)	400lm
Current (1m)	0,4
Supply voltage range and voltage type	12 DC
Colour rendering index Ra	80

Parameter	Value
Number of on/off cycles	50000
Colour consistency in McAdam ellipses	≤6
Ambient temperature suitable for operation	`-20 ÷ 45 °C
For indoor use	Inside
IEC protection class	III
Full box quantity	75 pc
Lamp's warm-up time to 60%	1
Width	8 mm
Height	3 mm
Product weight with packaging (g)	192 g
Master carton weight (kg)	14,4
EPREL ID	631 996
Date of first placement on the market	01.06.2019
Energy class	A+
Form of the product (EPREL)	Dotyczy 50cm taśmy

LED line

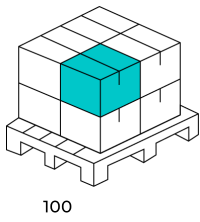|	
Metres per roll	5
The lumen maintenance factor	96
Beam angle	120 °
LED type	SMD3528
Not dimmable	TAK
Compatible dimmer type	PWM
Laminate (colour)	White
Laminate (thickness)	2
LED quantity (1m)	60
Cutting section	5
Type of adhesive tape	3M 300 LSE
Lifespan	100000

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
Is this product a light source? (EPREL)	Yes
Mains or non- mains light source (EPREL)	NMLS
Connected light source (EPREL)	No
Colour-tuneable light source (EPREL)	No
R9 colour rendering index value (EPREL)	17
Total luminous flux (EPREL)	200
On-mode power Pon (EPREL)	2
Useful luminous flux Φuse (EPREL)	200
Beam angle in degrees (EPREL)	120

Luminous [cd/klm]

C0 - C180 **C90 - C270**

Single packaging

1

Bulk packaging

100

Europallet

6