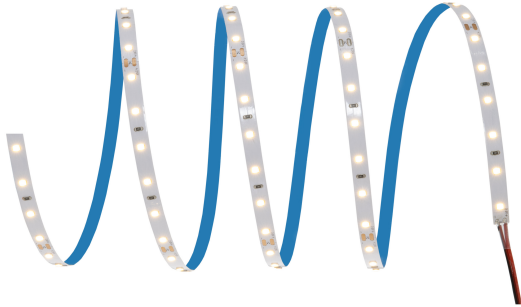


PRODUCT DATASHEET

LS E -500/830/5 IP20

LED STRIP ECO 500 | LED strips with 500 lm/m for general applications



Areas of application

- General indoor illumination
- Decorative illumination
- Private living areas

Product benefits

- Great scope of design options due to long and flexible LED strips
- Easy installation, no tools required for connection
- Easy mounting on many smooth surfaces thanks to self-adhesive tape
- Simple connection thanks to integrated cables on both sides

Product features

- Flexible and cuttable LED strip
- Smallest cuttable unit: 100 mm
- Lifetime (L70/B50): up to 20,000 h (temperature at $T_a = 25^\circ\text{C}$)
- Luminous flux: 500 lm/m
- Color rendering index R_a : 80
- Large range of color temperatures: from warm white to cool daylight

TECHNICAL DATA

Electrical data

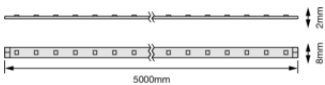
Nominal wattage	24.0 W
Nominal voltage	24 V
Inrush current	3 A
Protection class	III
Operating mode	DC

Photometrical data

Luminous flux	2100 lm
Luminous efficacy	100 lm/W
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	≥80
Standard deviation of color matching	< 6 sdcm
Beam angle	100 °

Dimensions & Weight

Length	5000.00 mm
Width	8.00 mm
Height	2.00 mm
Product weight	50.6 g
Cable length	500.000



LED STRIP IP20

Application & Mounting

Ambient temperature range	-20...40 °C
Temperature range at storage	-20...+80 °C
Type of protection	IP20
Protection class IK (shock resistance)	IK03
Dimmable	No
Mounting type	Surface mounting

Lifespan

Lifespan L70/B50 at 25 °C	20000 h
Lifespan L80/B10 at 25 °C	20000 h
Lifespan L80/B50 at 25 °C	20000 h
Number of switching cycles	10000

Certificates & Standards

Standards	CE / EAC / UKCA
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Safety advice

- The external flexible cable or cord of this luminaire cannot be replaced; if the cord is damaged, the luminaire must be disposed of.
- Do not connect the rope light to the supply while it is wound onto a reel. Do not use the lightstrip when covered or recessed into a surface. The string of lights may not be operated within the packaging. Do not open the lightstrip.

DOWNLOAD DATA

Documents and certificates		Document name
	Legal information	Safety insert G11226671
	Legal information	Endura style IP20/IP65
	Declarations of conformity	LED Strip SE series 1 strip
	Declarations of conformity UKCA	LED Strip SE series 1 strip

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854688959	Folding box 1	141 mm x 16 mm x 141 mm	78.00 g	0.32 dm ³
4099854688966	Shipping box 100	432 mm x 307 mm x 309 mm	8258.00 g	40.98 dm ³

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.