

# PRODUCT DATASHEET

## LS V -500/865/5

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



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### Areas of application

- General indoor illumination
- Decorative illumination
- Private living areas

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### 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
- Maximum flexibility due to large range of accessories
- Simple connection thanks to integrated cables on both sides

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### Product features

- Flexible and cuttable LED strip
- Smallest cuttable unit: 100 mm
- Lifetime (L70/B50): up to 30,000 h at Tc max.: 75°C
- Luminous flux: 500 lm/m
- Color rendering index R<sub>a</sub>: 80
- Large range of color temperatures: from warm white to cool daylight
- Dimmable with suitable drivers, see also [www.ledvance.com/dim](http://www.ledvance.com/dim)

## TECHNICAL DATA

### Electrical data

Nominal wattage	24.00 W
Construction wattage	24.00 W
Nominal wattage per meter	5 W
Nominal voltage	24 V
Type of current	DC
Nominal current	18750 mA

### Photometrical data

Luminous efficacy	112 lm/W <sup>1)</sup>
Luminous flux	2450 lm
Luminous flux per meter	560 lm <sup>1)</sup>
Color temperature	6500 K
Color rendering index Ra	> 80
Light color LED	Cold White
Light color (designation)	Cold White
Standard deviation of color matching	≤5 sdc

1) Value based on first meter of the product

### Light technical data

Beam angle	120 °
Rated beam angle (half peak value)	120.00 °

### LED MODULE INFORMATION

Number of LEDs per meter	70
Number of LEDs per module	350

### Dimensions & Weight



Length	5000.00 mm
Length – smallest unit	100 mm
Cable length	500.000 mm
Width	8.00 mm

Height	1.50 mm
Conductor cross section	0.5 mm <sup>2</sup>
LED pitch	14.29 mm
Short pitch	No
Product weight	78.00 g

### Temperatures & operating conditions

Ambient temperature range	-20...+55 °C
Maximum temperature at tc test point	75 °C

### Lifespan

Nominal lamp life time	30000 h
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### Capabilities

Dimmable	Yes <sup>1)</sup>
Lowest bending radius	30,0 mm
Self-adhesive	Yes

<sup>1)</sup> Dimmable with suitable drivers, see also [www.ledvance.com/dim](http://www.ledvance.com/dim)

### Certificates & Standards

Approval marks – approval	CE / TUV
Protection class	III
Type of protection	IP00
Energy class of contained Light source	F
Salt mist resistance acc. IEC 60068-2-52	No
UV resistance acc. IEC 60068-2-5	No


### Energy labelling regulation data acc EU 2019/2015

EPREL ID	1032267
Model number	AC37972

### EQUIPMENT / ACCESSORIES

- Connectors, profiles and covers for several mounting options available
- Endcaps have to be ordered separately

### DOWNLOAD DATA

DOWNLOAD DATA	
	Addon Technical Information LS Insert LED STRIP V IP00

## DOWNLOAD DATA



Declarations of conformity  
Declaration of Conformity LS V

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075707856	Folding box 1	242 mm x 242 mm x 26 mm	426.00 g	1.52 dm <sup>3</sup>
4058075707863	Shipping box 30	450 mm x 420 mm x 230 mm	6408.00 g	43.47 dm <sup>3</sup>

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.