

PRODUCT DATASHEET

LS V -1500/827/5

LED STRIP V 1500 | LED strips with 1500 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
- Maximum flexibility due to large range of accessories
- 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 30,000 h at T_c max.: 75°C
- Luminous flux: 1500 lm/m
- Color rendering index R_a: > 80
- Large range of color temperatures: from warm white to cool daylight
- Dimmable with suitable drivers, see also www.ledvance.com/dim

TECHNICAL DATA

Electrical data

Nominal wattage	60.00 W
Construction wattage	60.00 W
Nominal wattage per meter	13.2 W
Nominal voltage	24 V
Type of current	DC
Nominal current	50000 mA

Photometrical data

Luminous efficacy	102 lm/W ¹⁾
Luminous flux	5640 lm
Luminous flux per meter	1345 lm ¹⁾
Color temperature	2700 K
Color rendering index Ra	> 80
Light color LED	Warm White
Light color (designation)	Warm White
Standard deviation of color matching	≤5 sdcm

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 ²
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
------------------------	---------

Capabilities

Dimmable	Yes ¹⁾
Lowest bending radius	30,0 mm
Self-adhesive	Yes

¹⁾ Dimmable with suitable drivers, see also 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	1032272
Model number	AC37977

EQUIPMENT / ACCESSORIES

– Connectors, profiles and covers for several mounting options available

DOWNLOAD DATA

DOWNLOAD DATA	
	Addon Technical Information LS Insert LED STRIP V IP00

DOWNLOAD DATA



Declarations of conformity
Declaration of Conformity LS V



IES file (IES)
LS V-1500-827-5



LDT file (Eulumdat)
LS V-1500-827-5

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075707955	Folding box 1	242 mm x 242 mm x 26 mm	426.00 g	1.52 dm ³
4058075707962	Shipping box 30	450 mm x 420 mm x 230 mm	6979.00 g	43.47 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.