

PRODUCT DATASHEET

LS VAL -1400/840/50

LED STRIP VALUE-1400 50 meter reel | LED strips 50m long with 1400 lm/m for general applications



Areas of application

- General indoor illumination
- Cove lighting
- Bars, restaurants, hotels
- Residential interiors

Product benefits

- Long LED strips for customized solutions made to measure
- Great design freedom thanks to flexibility and cuttability of module
- Easy mounting on many smooth surfaces thanks to self-adhesive tape at the back
- Maximum flexibility due to large range of accessories
- Easy installation, no tools required for connection

Product features

- Flexible and cuttable LED strip
- Luminous flux: 1400 lm/m
- Color rendering index R_a : > 80
- Lifetime (L70/B50): up to 20,000 h at T_c max.: 75°C
- Smallest cuttable unit: 100 mm
- Available with color temperature: 3,000 K, 4,000 K or 6,500 K
- 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 ¹⁾
Nominal voltage	24 V
Input voltage range	23...25 V
Reverse Voltage	30 V
Type of current	DC
Nominal current	500 mA

¹⁾ Value based on first meter of the product

Photometrical data

Luminous efficacy	106 lm/W ¹⁾
Luminous flux	6280 lm
Luminous flux per meter	1400 lm ¹⁾
Color temperature	4000 K
Color rendering index Ra	> 80
Light color LED	Cool White
Light color (designation)	Cool White
Standard deviation of color matching	≤5 sdcn

¹⁾ Value based on first meter of the product

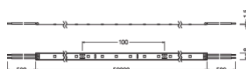
Light technical data

Beam angle	120 °
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LED MODULE INFORMATION

Number of LEDs per meter	70
Number of LEDs per smallest unit	7

Dimensions & Weight



Length	50000.00 mm
Length – smallest unit	100 mm
Cable length	500.000
Width	8.00 mm
Height	1.50 mm
Prewired	Yes
Conductor cross section	0.5 mm ²
LED pitch	14.29 mm
Short pitch	No
Product weight	1350.00 g

Temperatures & operating conditions

Ambient temperature range	-20...+40 °C
Maximum temperature at tc test point	75 °C
Temperature range in operation	-20...+40 °C

Lifespan

Nominal lamp life time	20000 h
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Capabilities

Dimmable	Yes ¹⁾
Lowest bending radius	15,0 mm
Self-adhesive	Yes

¹⁾ Dimmable with suitable drivers, see also www.ledvance.com/dim

Certificates & Standards

Approval marks – approval	CE
Protection class	III
Type of protection	IP00
Energy consumption	6.60 kWh/1000h ¹⁾
Energy class of contained Light source	F
ID of contained light source	AC37270
Salt mist resistance acc. IEC 60068-2-52	No
UV resistance acc. IEC 60068-2-5	No

¹⁾ Value based on 0.5 meter




LOGISTICAL DATA

Temperature range at storage	-20...+80 °C
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EQUIPMENT / ACCESSORIES

- Connectors, profiles and covers for several mounting options available

DOWNLOAD DATA

Documents and certificates	
	User instruction
	Addon Technical Information
	Declarations Of Conformity CE

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075597440	Folding box 1	242 mm x 242 mm x 26 mm	1893.00 g	1.52 dm ³
4058075600836	Shipping box 10	516 mm x 496 mm x 332 mm	15275.00 g	84.97 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.