

PRODUCT DATASHEET

LS VAL -1400/830/50

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	105 lm/W ¹⁾
Luminous flux	6150 lm
Luminous flux per meter	1370 lm ¹⁾
Color temperature	3000 K
Color rendering index Ra	> 80
Light color LED	White
Light color (designation)	White
Standard deviation of color matching	≤5 sdcm

1) Value based on first meter of the product

Light technical data

Beam angle	120 °
------------	-------

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
------------------------	---------

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
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
------------------------------	--------------

Accessories Optional

Product image	Product name	EAN
	LS AY -8/SMB	4058075727588
	LS AY -CSW/P2/50	4058075727434
	LS AY -CSD/P2	4058075727526
	LS AY -CP/P2/500	4058075727403
	LS AY -PF02/U/16X5/10/1	4058075278226
	LS AY -PM04/UW/23X15,5/10/1	4058075278400
	LS AY -PM02/R/18X15,5/10/1	4058075278349
	LS AY -PM01/UW/21,5X12/10/1	4058075278318
	LS AY -PM06/E/18X18/12/1	4058075279308

Product image	Product name	EAN
	LS AY -PF01/UW/22X6/10/1	4058075278196
	LS AY -PM05/U/17,5X14,5/10/1	4058075279278
	DR DIM-PFM -60/220-240/24/P	4058075240018
	LS AY -PF01/UW/22X6/10/2	4058075401532
	LS AY -PF02/U/16X5/10/2	4058075401563
	LS AY -PF04/U/17X7/12/1	4058075278288
	LS AY -PM03/E/19X19/10/1	4058075278370
	LS AY -PW01/U/26X8/14/2	4058075401440
	LS AY -PW03/U/26X26/14/2	4058075401501
	LS AY -PW01/U/26X8/14/1	4058075278103
	LS AY -PF03/UW/25X7/12/1	4058075278257

Product image	Product name	EAN
	LS AY -PW02/UW/39X26/14/1	4058075278134
	LS AY -PW02/UW/39X26/14/2	4058075401471
	LS AY -PW03/U/26X26/14/1	4058075278165
	DR-PFM -250/220-240/24/P	4058075240032
	DR-PFM -100/220-240/24/P	4058075239937
	DR-PFM -150/220-240/24/P	4058075239975
	DR-PFM -60/220-240/24/P	4058075239913
	DR DIM-PFM -250/220-240/24/P	4058075240155
	DR-VAL -60/220-240/24	4058075240094
	DR DIM-PFM -150/220-240/24/P	4058075240117
	DR DIM-PFM -100/220-240/24/P	4058075240070

Product image	Product name	EAN
	DR-VAL -120/220-240/24	4058075240131
	DR-VAL -150/220-240/24	4058075240179
	DR DIM-PFM -60/220-240/24/P	4058075379190

EQUIPMENT / ACCESSORIES

– Connectors, profiles and covers for several mounting options available

DOWNLOAD DATA

Documents and certificates		Document name
	User instruction / safety instructions	LED STRIP VALUE IP00
	Legal information	LED STRIP VALUE 50m IP00
	Declarations of conformity	LS VAL Big Reel

Tender texts		Document name
	Tender documents	LED STRIP VALUE 1400 50 meter reel 1400 830 50-EN

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075597433	Folding box 1	242 mm x 242 mm x 26 mm	1893.00 g	1.52 dm³
4058075600829	Shipping box 10	516 mm x 496 mm x 332 mm	15255.00 g	84.97 dm³

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.