

# PRODUCT DATASHEET

## LS VAL -600/840/30/IP65

LED STRIP VALUE-600 30 meter reel | IP65 protected LED strips 30m long with 600 lm/m for general applications



### Areas of application

- General outdoor 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
- Suitable for use in damp conditions thanks to high type of protection
- 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: 600 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, 6,500 K
- Type of protection: IP65



– Dimmable with suitable drivers, see also [www.ledvance.com/dim](http://www.ledvance.com/dim)

## TECHNICAL DATA

### Electrical data

Nominal wattage	27.50 W
Construction wattage	27.50 W
Nominal wattage per meter	6.1 W <sup>1)</sup>
Nominal voltage	24 V
Input voltage range	23...25 V
Reverse Voltage	30 V
Type of current	DC
Nominal current	230 mA

<sup>1)</sup> Value based on first meter of the product

### Photometrical data

Luminous efficacy	94 lm/W <sup>1)</sup>
Luminous flux	2740 lm
Luminous flux per meter	580 lm <sup>1)</sup>
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

<sup>1)</sup> Value based on first meter of the product

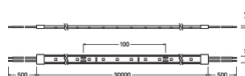
### Light technical data

Beam angle	110 °
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### LED MODULE INFORMATION

Number of LEDs per meter	60
Number of LEDs per smallest unit	6

### Dimensions & Weight



Length	30000.00 mm
Length – smallest unit	100 mm
Cable length	500.000
Width	10.00 mm
Height	4.00 mm
Prewired	Yes
Conductor cross section	0.5 mm <sup>2</sup>
LED pitch	16.67 mm
Short pitch	No
Product weight	2200.00 g

### Colors & materials

Cover material	Silicone
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### 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 <sup>1)</sup>
Lowest bending radius	15,0 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
Protection class	III
Type of protection	IP65
Energy consumption	3.10 kWh/1000h <sup>1)</sup>
Energy class of contained light source	F
Salt mist resistance acc. IEC 60068-2-52	No









UV resistance acc. IEC 60068-2-5	Yes
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1) Value based on 0.5 meter












**LOGISTICAL DATA**


Temperature range at storage	-20...+80 °C
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**Accessories Optional**

Product image	Product name	EAN
	LS AY -10/SMB	4058075727618
	LS AY -CSD/P2/P	4058075727557
	LS AY -CP/P2/500/P	4058075727465
	LS AY -CSW/P2/50/P	4058075727496
	LS AY -10/SE/P SIL-SEAL	4058075727649
	LS AY -PM04/UW/23X15,5/10/1	4058075278400
	LS AY -PM06/E/18X18/12/1	4058075279308
	LS AY -PM05/U/17,5X14,5/10/1	4058075279278

Product image	Product name	EAN
	DR DIM-PFM -60/220-240/24/P	4058075240018
	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 -PW02/UW/39X26/14/1	4058075278134
	LS AY PFM -10/SE/P SIL-SEAL	4058075275744
	DR DIM-PFM -40/220-240/24/P	4058075239999
	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-VAL -30/220-240/24	4058075240056



Product image	Product name	EAN
	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-PFM -30/220-240/24/P	4058075239890
	DR DIM-PFM -250/220-240/24/P	4058075240155
	DR DIM-PFM -40/220-240/24/P	4058075379176
	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
	DR-VAL -120/220-240/24	4058075240131
	DR-VAL -150/220-240/24	4058075240179

Product image	Product name	EAN
	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
 Legal information	LED STRIP VALUE 30m IP65
 Declarations of conformity	LS VAL Big Reel

Tender texts	Document name
 Tender documents	LED STRIP VALUE 600 30 meter reel 600 840 30 IP65-EN

**LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075597471	Folding box 1	242 mm x 242 mm x 26 mm	2626.00 g	1.52 dm <sup>3</sup>
4058075600867	Shipping box 3	516 mm x 496 mm x 332 mm	8872.00 g	84.97 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.