

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

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

Luminous efficacy	94 lm/W ¹⁾
Luminous flux	2740 lm
Luminous flux per meter	580 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 sdcm

Beam angle	110 °
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Number of LEDs per meter	60
Number of LEDs per smallest unit	6

The diagram illustrates the experimental setup. It features a horizontal tube with a central section labeled '100'. Below the tube, there is a scale bar with markings at 0, 100, and 200. The tube is supported by a base, and there are various components labeled with letters and numbers, including 'A', 'B', 'C', 'D', 'E', 'F', 'G', 'H', 'I', 'J', 'K', 'L', 'M', 'N', 'O', 'P', 'Q', 'R', 'S', 'T', 'U', 'V', 'W', 'X', 'Y', 'Z', '1', '2', '3', '4', '5', '6', '7', '8', '9', '10', '11', '12', '13', '14', '15', '16', '17', '18', '19', '20', '21', '22', '23', '24', '25', '26', '27', '28', '29', '30', '31', '32', '33', '34', '35', '36', '37', '38', '39', '40', '41', '42', '43', '44', '45', '46', '47', '48', '49', '50', '51', '52', '53', '54', '55', '56', '57', '58', '59', '60', '61', '62', '63', '64', '65', '66', '67', '68', '69', '70', '71', '72', '73', '74', '75', '76', '77', '78', '79', '80', '81', '82', '83', '84', '85', '86', '87', '88', '89', '90', '91', '92', '93', '94', '95', '96', '97', '98', '99', '100'.

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 ²
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 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	IP65
Energy consumption	3.10 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	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 ³
4058075600867	Shipping box 3	516 mm x 496 mm x 332 mm	8872.00 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.