

PRODUCT DATASHEET

LM-SV 2000-940-DC 85W 24V

LED STRIP VALUE IP20 2000 G2 | LED strips for general applications



Areas of application

- Indoor ambience lighting for hotel, office and home
- Cabinet, closet lighting
- Cove lighting

Product benefits

- High lumen efficacy up to 122 lm/W leads to energy saving lighting performance
- Wide range of lumen output can meet different application requirements
- Wide range of color temperature provides various options for different applications
- Flexible and easy to install with 3M back tape and connector accessories

Product features

- 24 V DC low voltage input
- 2700 K, 3000 K, 4000 K, 5000 K and 6500 K available
- Consistent white light: < 4 SDCM
- Beam angle: 120°
- Typically for 4000 K, 4.5 W/m with 550 lm/m, 8.5 W/m with 1030 lm/m, 12 W/m with 1450 lm/m and 17 W/m with 2000 lm/m
- IP20 for indoor application
- Lifetime 30,000 h (L70-B50) @45 °C
- CB certificate available
- RoHS compliant
- Compatible to work with LEDVANCE 24 V Driver and dimming controller
- Color rendering index R_a : > 90

TECHNICAL DATA

Electrical data

Nominal wattage	85.00 W
Construction wattage	85.00 W
Nominal wattage per meter	17 W
Nominal voltage	24 V
Input voltage DC	24 V
Nominal current	708.000 mA

Photometrical data

Luminous efficacy	118 lm/W
Luminous flux per meter	2000 lm
Color temperature	4000 K
Color rendering index Ra	> 90
Standard deviation of color matching	< 4 sdcm

Light technical data

Beam angle	120 °
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LED MODULE INFORMATION

Number of LEDs per meter	70
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Dimensions & Weight



Length	5000.00 mm
Cable length	200.000
Width	8.00 mm
Height	1.40 mm
Product weight	85.00 g

Colors & materials

Body material	Polyvinylchlorid (PVC)
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Temperatures & operating conditions

Ambient temperature range	-20...+45 °C
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Maximum temperature at tc test point	85 °C
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Lifespan

Nominal lamp life time	30000 h
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Certificates & Standards

Standards	CB / RoHS
Protection class	III

Accessories Optional

Product image	Product name	EAN
		4099854005114
		4099854005138

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854007774	BAG 1	190 mm x 180 mm x 205 mm	90.00 g	7.01 dm ³
4099854007781	Shipping box 10	185 mm x 150 mm x 205 mm	1017.00 g	5.69 dm ³
4099854007798	Shipping box 40	400 mm x 326 mm x 235 mm	4721.00 g	30.64 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.