

# PRODUCT DATASHEET

## LM-SV 1700-930-DC 85W 24V

LED STRIP VALUE IP20 1700 | 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                    | 103 lm/W |
| Luminous flux per meter              | 1750 lm  |
| Color temperature                    | 3000 K   |
| Color rendering index Ra             | > 90     |
| Standard deviation of color matching | < 4 sdcm |

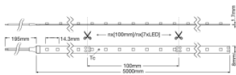
Light technical data

|            |       |
|------------|-------|
| Beam angle | 120 ° |
|------------|-------|

LED MODULE INFORMATION

|                          |    |
|--------------------------|----|
| Number of LEDs per meter | 70 |
|--------------------------|----|

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) |
|---------------|------------------------|

Temperatures & operating conditions

|                           |              |
|---------------------------|--------------|
| Ambient temperature range | -20...+45 °C |
|---------------------------|--------------|

|                                      |       |
|--------------------------------------|-------|
| Maximum temperature at tc test point | 85 °C |
|--------------------------------------|-------|

### Lifespan

|                        |         |
|------------------------|---------|
| Nominal lamp life time | 30000 h |
|------------------------|---------|

### 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                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4099854007743 | BAG<br>1                     | 190 mm x 180 mm x 205 mm             | 90.00 g      | 7.01 dm <sup>3</sup>  |
| 4099854007750 | Shipping box<br>10           | 185 mm x 150 mm x 205 mm             | 1017.00 g    | 5.69 dm <sup>3</sup>  |
| 4099854007767 | Shipping box<br>40           | 400 mm x 326 mm x 235 mm             | 4721.00 g    | 30.64 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.