

# PRODUCT DATASHEET

## LM-SP 500-965-DC 22W 24V

LED STRIP PERFORMANCE IP20 500 | LED strips for professional applications



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### Areas of application

- Indoor semi-professional ambience lighting for hotel office and industry
- Backlighting
- Cabinet, closet lighting

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### Product benefits

- High lumen efficacy up to 127 lm/W leads to energy saving
- 140 LEDs per meter makes excellent uniform light output with stable performance
- Wide lumen output range from 500 lm-m to 2000 lm-m can meet different application requirements
- Shorter cuttable length (50 mm) enables more flexibility on design
- Long lifetime 50,000 hours (L70/B50) @45°C leads to saving in maintenance

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### Product features

- 24 V DC low voltage input
- 2700 K, 3000 K, 4000 K, 5000 K and 6500 K available
- Color rendering index  $R_a > 90$
- Consistent lighting color  $< 3$  SDCM
- IP20 for indoor application
- CB certificate available
- Flexible and easy to install with 3M back tape and accessories
- Compatible to work with LEDVANCE 24 V Driver and dimming controller

TECHNICAL DATA

Electrical data

|                           |            |
|---------------------------|------------|
| Nominal wattage           | 22.00 W    |
| Construction wattage      | 22.00 W    |
| Nominal wattage per meter | 4,5 W      |
| Nominal voltage           | 24 V       |
| Input voltage DC          | 24 V       |
| Nominal current           | 188.000 mA |

Photometrical data

|                                      |          |
|--------------------------------------|----------|
| Color temperature                    | 6500 K   |
| Color rendering index Ra             | > 90     |
| Standard deviation of color matching | < 3 sdcm |

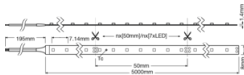
Light technical data

|                                    |          |
|------------------------------------|----------|
| Rated beam angle (half peak value) | 120.00 ° |
|------------------------------------|----------|

LED MODULE INFORMATION

|                          |     |
|--------------------------|-----|
| Number of LEDs per meter | 140 |
|--------------------------|-----|

Dimensions & Weight



|                        |            |
|------------------------|------------|
| Length                 | 5000.00 mm |
| Length – smallest unit | 50 mm      |
| Cable length           | 200.000    |
| Width                  | 8.00 mm    |
| Height                 | 1.40 mm    |
| Product weight         | 100.00 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 | 50000 h |
|------------------------|---------|

## Certificates &amp; Standards

|                  |     |
|------------------|-----|
| Standards        | CB  |
| 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                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4099854006180 | BAG<br>1                     | 190 mm x 180 mm x 205 mm             | 105.00 g     | 7.01 dm <sup>3</sup>  |
| 4099854006197 | Shipping box<br>10           | 185 mm x 150 mm x 205 mm             | 1167.00 g    | 5.69 dm <sup>3</sup>  |
| 4099854006203 | Shipping box<br>40           | 400 mm x 326 mm x 235 mm             | 5321.00 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.