

# PRODUCT DATASHEET

## LS P -500/930/5/IP67

LED STRIP P 500 P | High performance IP67 protected LED strips with 500 lm/m for high requirements



### Areas of application

- General indoor illumination
- General outdoor illumination
- Industry
- Offices, retail outlets and conference rooms
- Architecture lighting
- Decorative illumination

### Product benefits

- Great scope of design options due to long and flexible LED strips
- Easy installation, no tools required for connection
- Easy mounting on many smooth surfaces thanks to self-adhesive tape
- Maximum flexibility due to large range of accessories
- Simple connection thanks to integrated cables on both sides
- Suitable for use in damp conditions thanks to high type of protection

### Product features

- Flexible and cuttable LED strip
- Smallest cuttable unit: 55.56 mm
- Lifetime (L70/B50): 50,000 h (temperature at  $T_c = 80^\circ\text{C}$ )
- Luminous flux: 500 lm/m
- Very good color rendering index  $R_a: > 90$
- Initial color consistency:  $< 3 \text{ SDCM}$
- Large range of color temperatures: from warm white to cool daylight
- Dimmable with suitable drivers, see also [www.ledvance.com/dim](http://www.ledvance.com/dim)
- Type of protection: IP67
- UV resistance (acc. IEC 60068-2-5)
- Salt mist resistance (acc. IEC 60068-2-52)

## TECHNICAL DATA

### Electrical data

|                           |         |
|---------------------------|---------|
| Nominal wattage           | 21.00 W |
| Construction wattage      | 21.00 W |
| Nominal wattage per meter | 4.2 W   |
| Nominal voltage           | 24 V    |
| Type of current           | DC      |
| Nominal current           | 9000 mA |

### Photometrical data

|                                      |            |
|--------------------------------------|------------|
| Luminous efficacy                    | 115 lm/W   |
| Luminous flux                        | 2220 lm    |
| Luminous flux per meter              | 485 lm     |
| Color temperature                    | 3000 K     |
| Color rendering index Ra             | > 90       |
| Light color LED                      | Warm White |
| Light color (designation)            | Warm White |
| Standard deviation of color matching | <3 sdcn    |

### Light technical data

|                                    |          |
|------------------------------------|----------|
| Beam angle                         | 110 °    |
| Rated beam angle (half peak value) | 110.00 ° |

### LED MODULE INFORMATION

|                           |     |
|---------------------------|-----|
| Number of LEDs per meter  | 144 |
| Number of LEDs per module | 720 |

### Dimensions & Weight



|                        |            |
|------------------------|------------|
| Length                 | 5000.00 mm |
| Length – smallest unit | 55.56 mm   |
| Cable length           | 500.000    |
| Width                  | 10.00 mm   |
| Height                 | 4.70 mm    |

|                         |                     |
|-------------------------|---------------------|
| Conductor cross section | 0.5 mm <sup>2</sup> |
| LED pitch               | 6.94 mm             |
| Short pitch             | Yes                 |
| Product weight          | 380.00 g            |

### Temperatures & operating conditions

|                                      |              |
|--------------------------------------|--------------|
| Ambient temperature range            | -20...+55 °C |
| Maximum temperature at tc test point | 80 °C        |

### Lifespan

|                        |         |
|------------------------|---------|
| Nominal lamp life time | 50000 h |
|------------------------|---------|

### Capabilities

|                       |                   |
|-----------------------|-------------------|
| Dimmable              | Yes <sup>1)</sup> |
| Lowest bending radius | 30,0 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 / TUV / ENEC |
| Protection class                         | III             |
| Type of protection                       | IP67            |
| Energy class of contained Light source   | F               |
| Salt mist resistance acc. IEC 60068-2-52 | Yes             |
| UV resistance acc. IEC 60068-2-5         | Yes             |

### Energy labelling regulation data acc EU 2019/2015

|              |         |
|--------------|---------|
| EPREL ID     | 1032249 |
| Model number | AC37954 |

### EQUIPMENT / ACCESSORIES

– Connectors, profiles and covers for several mounting options available

### DOWNLOAD DATA

| DOWNLOAD DATA                                                                      |                             |
|------------------------------------------------------------------------------------|-----------------------------|
|  | User instruction            |
|  | Addon Technical Information |

## DOWNLOAD DATA



Declarations of conformity



IES file (IES)



LDT file (Eulumdat)

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075705852 | Folding box<br>1             | 242 mm x 242 mm x 26 mm              | 426.00 g     | 1.52 dm <sup>3</sup>  |
| 4058075705869 | Shipping box<br>20           | 550 mm x 325 mm x 270 mm             | 10453.00 g   | 48.26 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

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