# PRODUCT DATASHEET
# LS P -500/940/5/IP67

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



PERFOR-
MANCE
CLASS

## 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 °C)
- Luminous flux: 500 lm/m
- Very good color rendering index $R_a$: > 90
- Initial color consistency: < 3 SDCM
- Large range of color temperatures: from warm white to cool daylight
- Dimmable with suitable drivers, see also www.ledvance.com/dim
- Type of protection: IP67
- UV restistance (acc. IEC 60068-2-5)
- Salt mist resistance (acc. IEC 60068-2-52)


© 2026, LEDVANCE GmbH. All rights reserved.

# 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 |
| Input voltage range | 23…25 V |
| Type of current | DC |
| Nominal current | 875 mA |

## Photometrical data

| | |
|---|---|
| Luminous efficacy | 122 lm/W |
| Luminous flux | 2360 lm |
| Luminous flux per meter | 515 lm |
| Color temperature | 4000 K |
| Color rendering index Ra | > 90 |
| Light color LED | Daylight |
| Light color (designation) | Daylight |
| Standard deviation of color matching | ‹3 sdcm |

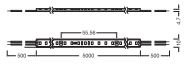
## Light technical data

| | |
|---|---|
| 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 |
| Number of LEDs per smallest unit | 8 |

## Dimensions & Weight



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


© 2026, LEDVANCE GmbH. All rights reserved.

| | |
|---|---|
| Height | 4.70 mm |
| Prewired | Yes |
| Conductor cross section | 0.5 $mm^2$ |
| LED pitch | 6.94 mm |
| Short pitch | Yes |
| Product weight | 380.00 g |

## Colors & materials

| | |
|---|---|
| Cover material | Silicone |

## Temperatures & operating conditions

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

## Lifespan

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

## Additional product data

| | |
|---|---|
| Mounting location | All surfaces |

## Capabilities

| | |
|---|---|
| Dimmable | Yes [1)] |
| Lowest bending radius | 30,0 mm |
| Self-adhesive | Yes |

1) Dimmable with suitable drivers, see also 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 | E |
| Salt mist resistance acc. IEC 60068-2-52 | Yes |
| UV resistance acc. IEC 60068-2-5 | Yes |

## LOGISTICAL DATA

| | |
|---|---|
| Temperature range at storage | -20…+80 °C |

## Required Accessories and Components


© 2026, LEDVANCE GmbH. All rights reserved.

| Product image | Product name | EAN |
|---|---|---|
|  | LS AY -CSD/P2/P | 4058075727557 |
|  | LS AY -CP/P2/500/P | 4058075727465 |
|  | LS AY -CSW/P2/50/P | 4058075727496 |
|  | LS AY -10/SMB | 4058075727618 |
|  | LS AY -10/SE/P SIL-SEAL | 4099854178979 |

## Accessories Optional

| Product image | Product name | EAN |
|---|---|---|
|  | LS AY -10/SE/P SIL-SEAL | 4058075727649 |
|  | LS AY -PM04/UW/23X15,5/10/1 | 4058075278400 |
|  | LS AY -PM05/U/17,5X14,5/10/1 | 4058075279278 |
|  | LS AY -PM06/E/18X18/12/1 | 4058075279308 |
|  | LS AY -PW01/U/26X8/14/1 | 4058075278103 |
|  | LS AY -PW02/UW/39X26/14/1 | 4058075278134 |


© 2026, LEDVANCE GmbH. All rights reserved.

| Product image | Product name | EAN |
|---|---|---|
|  | LS AY -PW03/U/26X26/14/2 | 4058075401501 |
|  | LS AY -PW01/U/26X8/14/2 | 4058075401440 |
|  | LS AY -PW02/UW/39X26/14/2 | 4058075401471 |
|  | LS AY -PW03/U/26X26/14/1 | 4058075278165 |
|  | LS AY -PW04/U/25.5X25.5/13/1 | 4099854681790 |
|  | LS AY -PW04/U/25.5X25.5/13/2 | 4099854681820 |
|  | LS AY -PM04/UW/23X15,5/10/2 | 4058075401747 |
|  | LS AY -PM05/U/17,5X14,5/10/2 | 4058075401778 |
|  | LS AY -PM06/E/18X18/12/2 | 4058075401808 |

## EQUIPMENT / ACCESSORIES

– Connectors, profiles and covers for several mounting options available

## DOWNLOAD DATA

| | Documents and certificates | Document name |
|---|---|---|
| PDF | User instruction / safety instructions | LS P IP67 |
| PDF | Legal information | LS insert LED STRIP P IP67 |


© 2026, LEDVANCE GmbH. All rights reserved.

| | Documents and certificates | Document name |
|---|---|---|
| PDF | Declarations of conformity | LS P |
| PDF | Certificates | ENEC 64142215013801 |

| | Photometric and lighting design files | Document name |
|---|---|---|
| | IES file (IES) | LS P-500-940-5-IP67 |
| | IES file (IES) | LS P-500 940 5 IP67 |
| | LDT file (Eulumdat) | LS P-500-940-5-IP67 |
| | LDT file (Eulumdat) | LS P-500 940 5 IP67 |
| | UGR file (UGR table) | LS P-500 940 5 IP67 |
| | Light distribution curve type cone | LS P-500 940 5 IP67 |
| | Light distribution curve type polar | LS P-500-940-5-IP67 |
| | Light distribution curve type polar | LS P-500 940 5 IP67 |

| | Tender texts | Document name |
|---|---|---|
| | Tender documents | LED STRIP P 500 P 500 940 5 IP67-EN |

## LOGISTICAL DATA

| Product code | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume |
|---|---|---|---|---|
| 4058075705876 | Folding box<br>1 | 242 mm x 242 mm x 26 mm | 426.00 g | 1.52 $dm^3$ |
| 4058075705883 | Shipping box<br>20 | 550 mm x 325 mm x 270 mm | 10453.00 g | 48.26 $dm^3$ |

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.


© 2026, LEDVANCE GmbH. All rights reserved.