PRODUCT DATASHEET
LS P -500/927/5/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)

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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	113 lm/W
Luminous flux	2185 lm
Luminous flux per meter	475 lm
Color temperature	2700 K
Color rendering index Ra	> 90
Light color LED	Warm White
Light color (designation)	Warm White
Standard deviation of color matching	‹3 sdcm

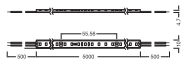
Light technical data

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

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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	F
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

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Product image	Product name	EAN
	LS AY -10/SE/P SIL-SEAL	4099854178979
	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

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

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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

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

	Photometric and lighting design files	Document name
IES	IES file (IES)	LS P-500-927-5-IP67
IES	IES file (IES)	LS P-500 927 5 IP67
LDT	LDT file (Eulumdat)	LS P-500-927-5-IP67
LDT	LDT file (Eulumdat)	LS P-500 927 5 IP67
	UGR file (UGR table)	LS P-500 927 5 IP67
	Light distribution curve type cone	LS P-500 927 5 IP67
	Light distribution curve type polar	LS P-500-927-5-IP67
	Light distribution curve type polar	LS P-500 927 5 IP67

	Tender texts	Document name
TXT	Tender documents	LED STRIP P 500 P 500 927 5 IP67-EN

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075705838	Folding box 1	242 mm x 242 mm x 26 mm	426.00 g	1.52 dm^3
4058075705845	Shipping box 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.

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