

PRODUCT DATASHEET

LS P -2000/940/5

LED STRIP P 2000 | High performance LED strips with 2000 lm/m for high requirements



Areas of application

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

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

Product features

- Flexible and cuttable LED strip
- Smallest cuttable unit: 55.56 mm
- Lifetime (L70/B50): up to 50,000 h at T_c max.: 80°C
- Luminous flux: 2000 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

TECHNICAL DATA

Electrical data

Nominal wattage	78.00 W
Construction wattage	78.00 W
Nominal wattage per meter	15,6 W
Nominal voltage	24 V
Input voltage range	23...25 V
Type of current	DC
Nominal current	3250 mA

Photometrical data

Luminous efficacy	127 lm/W
Luminous flux	9125 lm
Luminous flux per meter	1980 lm
Color temperature	4000 K
Color rendering index Ra	> 90
Light color LED	Daylight
Light color (designation)	Daylight
Standard deviation of color matching	≤3 sdc _m

Light technical data

Beam angle	120 °
Rated beam angle (half peak value)	120.00 °

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	8.00 mm
Height	1.50 mm
Prewired	Yes
Conductor cross section	0.5 mm ²
LED pitch	6.94 mm
Short pitch	Yes
Product weight	95.00 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
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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	IP00
Energy class of contained light source	E
ID of contained light source	AC38037
Salt mist resistance acc. IEC 60068-2-52	No
UV resistance acc. IEC 60068-2-5	No

LOGISTICAL DATA

Temperature range at storage	-20...+80 °C
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DOWNLOAD DATA

Documents and certificates	
	User instruction
	Addon Technical Information

Documents and certificates	
	Declarations Of Conformity CE
Photometric and lighting design files	
	IES file (IES)
	LDT file (Eulumdat)
	LDC typ polar

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075707757	Folding box 1	242 mm x 242 mm x 26 mm	426.00 g	1.52 dm³
4058075707764	Shipping box 30	450 mm x 420 mm x 230 mm	7297.00 g	43.47 dm³

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.