

# PRODUCT DATASHEET

## LS P -1000/965/5

LED STRIP P 1000 | High performance LED strips with 1000 lm/m for high requirements



### Areas of application

- General indoor 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

### Product features

- Flexible and cuttable LED strip
- Smallest cuttable unit: 55.56 mm
- Lifetime (L70/B50): up to 50,000 h at Tc max.: 80°C
- Luminous flux: 1000 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](http://www.ledvance.com/dim)

## TECHNICAL DATA

### Electrical data

Nominal wattage	43.00 W
Construction wattage	43.00 W
Nominal wattage per meter	8.6 W
Nominal voltage	24 V
Input voltage range	23...25 V
Type of current	DC
Nominal current	1791 mA

### Photometrical data

Luminous efficacy	127 lm/W
Luminous flux	5030 lm
Luminous flux per meter	1090 lm
Color temperature	6500 K
Color rendering index Ra	> 90
Light color LED	Cold White
Light color (designation)	Cold White
Standard deviation of color matching	≤3 sdcn

### 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 <sup>2</sup>
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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### Additional product data

Mounting location	All surfaces
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### 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	IP00
Energy class of contained light source	E
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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### Accessories Optional

Product image	Product name	EAN
	LS AY -CSW/P2/50	4058075727434

Product image	Product name	EAN
	LS AY -CSD/P2	4058075727526
	LS AY -8/SMB	4058075727588
	LS AY -CP/P2/500	4058075727403
	DR DIM-PFM -60/220-240/24/P	4058075240018
	LS AY -PF01/UW/22X6/10/2	4058075401532
	LS AY -PF02/U/16X5/10/2	4058075401563
	LS AY -PW01/U/26X8/14/1	4058075278103
	LS AY -PF02/U/16X5/10/1	4058075278226
	LS AY -PM04/UW/23X15,5/10/1	4058075278400
	LS AY -PF04/U/17X7/12/1	4058075278288
	LS AY -PM02/R/18X15,5/10/1	4058075278349

Product image	Product name	EAN
	LS AY -PM06/E/18X18/12/1	4058075279308
	LS AY -PF01/UW/22X6/10/1	4058075278196
	LS AY -PM05/U/17,5X14,5/10/1	4058075279278
	LS AY -PW01/U/26X8/14/2	4058075401440
	LS AY -PW03/U/26X26/14/2	4058075401501
	LS AY -PF03/UW/25X7/12/1	4058075278257
	LS AY -PM01/UW/21,5X12/10/1	4058075278318
	LS AY -PM03/E/19X19/10/1	4058075278370
	LS AY -PW02/UW/39X26/14/1	4058075278134
	LS AY -PW02/UW/39X26/14/2	4058075401471
	DR-PFM -100/220-240/24/P	4058075239937
	DR-PFM -150/220-240/24/P	4058075239975

Product image	Product name	EAN
	DR-PFM -60/220-240/24/P	4058075239913

**EQUIPMENT / ACCESSORIES**

– Connectors, profiles and covers for several mounting options available

**DOWNLOAD DATA**

Documents and certificates		Document name
	User instruction / safety instructions	
	Legal information	LS insert LED STRIP P IP00
	Declarations of conformity	LS P

Photometric and lighting design files		Document name
	IES file (IES)	LS P-1000-965-5
	IES file (IES)	LS P-1000 965 5
	LDT file (Eulumdat)	LS P-1000-965-5
	LDT file (Eulumdat)	LS P-1000 965 5
	UGR file (UGR table)	LS P-1000 965 5
	Light distribution curve type cone	LS P-1000 965 5
	Light distribution curve type polar	LS P-1000-965-5
	Light distribution curve type polar	LS P-1000 965 5

Tender texts	Document name
 Tender documents	LED STRIP P 1000 965 5-EN

**LOGISTICAL DATA**

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075707610	Folding box 1	242 mm x 242 mm x 26 mm	426.00 g	1.52 dm <sup>3</sup>
4058075707627	Shipping box 30	450 mm x 420 mm x 230 mm	7273.00 g	43.47 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.

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