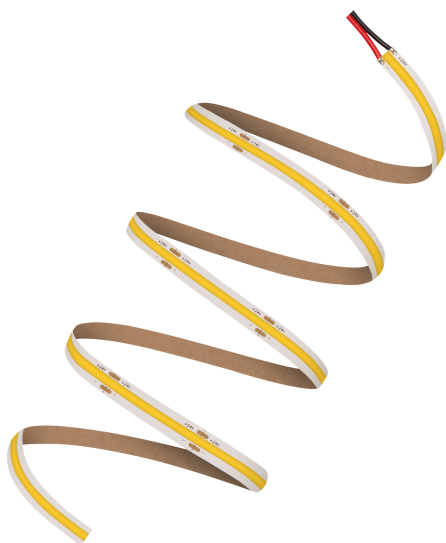# PRODUCT DATASHEET
LS PFM -1000/COB/927/5

LED STRIP PERFORMANCE COB -1000 | High performance COB LED strip with 1000 lm/m for high requirements

Areas of application

- General illumination
- Cove lighting
- Bars, restaurants, hotels
- Offices
- Residential interiors

Product benefits

- Excellent homogenous light, without visible light points thanks to COB technology
- Great design freedom thanks to flexibility and cuttability of module
- Easy mounting on many smooth surfaces thanks to self-adhesive tape at the back
- Simple connection thanks to integrated cables on both sides
- Maximum flexibility due to large range of accessories
- Easy installation, no tools required for connection

Product features

- Flexible and cuttable LED strip
- Luminous flux: 1000 lm/m
- Very good color rendering index R_a: > 90
- Smallest cuttable unit: 62.5 mm
- Large range of color temperatures: from warm white to cool daylight
- Dimmable with suitable drivers, see also www.ledvance.com/dim

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TECHNICAL DATA

Electrical data

Nominal wattage	36.00 W
Construction wattage	36.00 W
Nominal wattage per meter	11.0 W [1]
Nominal voltage	24 V
Reverse Voltage	144 V
Type of current	DC
Nominal current	1600 mA

[1] Value based on first meter of the product

Photometrical data

Luminous efficacy	92 lm/W [1]
Luminous flux	2850 lm
Luminous flux per meter	1010 lm [1]
Color temperature	2700 K
Color rendering index Ra	> 90
Light color LED	2700 K
Light color (designation)	2700 K
Standard deviation of color matching	≤5 sdcm

[1] Value based on first meter of the product

Light technical data

Beam angle	140 °

LED MODULE INFORMATION

Number of LEDs per meter	384
Number of LEDs per smallest unit	24

Dimensions & Weight

Length	5000.00 mm
Length – smallest unit	62.5 mm
Cable length	500.000
Width	8.00 mm
Height	1.70 mm
Prewired	Yes
Product weight	188.00 g

Temperatures & operating conditions

Ambient temperature range	-20...+55 °C
Maximum temperature at tc test point	75 °C
Temperature range in operation	-20...+55 °C

Lifespan

Nominal lamp life time	50000 h

Capabilities

Dimmable	Yes
Lowest bending radius	10 mm
Self-adhesive	Yes

Certificates & Standards

Approval marks – approval	CE
Type of protection	IP00
Energy consumption	5.50 kWh/1000h [1]
Energy efficiency class	F [1]
Salt mist resistance acc. IEC 60068-2-52	No
UV resistance acc. IEC 60068-2-5	No

[1] Value based on 0.5 meter

LOGISTICAL DATA

Temperature range at storage	-40...+85 °C

Energy labellling regulation data acc EU 2019/2015

EPREL ID	618766
Model number	AC32624

EQUIPMENT / ACCESSORIES

– Connectors, profiles and covers for several mounting options available

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4058075597525	Folding box 1	242 mm x 242 mm x 26 mm	335.00 g	1.52 dm³
4058075600713	Shipping box 10	260 mm x 260 mm x 265 mm	3741.00 g	17.91 dm³
4058075600720	Shipping box 40	567 mm x 535 mm x 281 mm	16184.00 g	85.24 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.