

New in the LED  
Strip System



LEDVANCE COB LED STRIP

# ALL LINE, NO DOTS

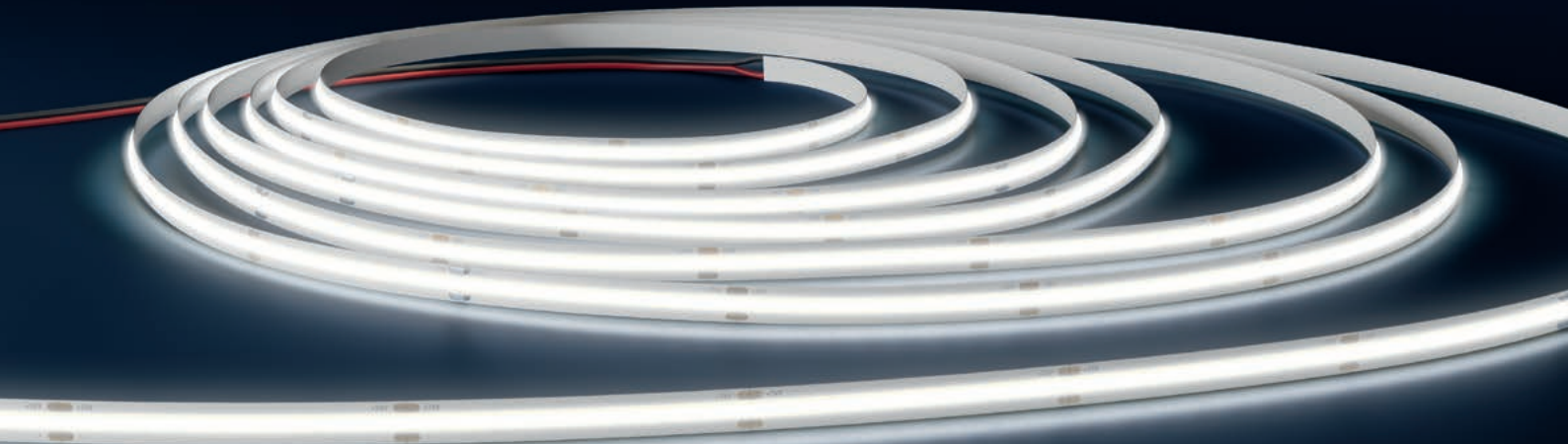
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# IMPRESSIVELY UNIFORM LIGHT

With the new LEDVANCE COB LED Strips you'll no longer see the light points that are typical of conventional LED Strips. That's because there are so many LED chips placed that, in combination with a phosphor layer, an impressively uniform line of light is produced over their entire length. Another advantage is their high color rendering (CRI: >90). This makes them ideal for modern, exclusive lighting design, especially in the hospitality and retail sectors. And as with all LEDVANCE LED Strips, this system is also easy to plan, easy to combine and easy to install. Inspire your customers with these lights without the dots.

## PRODUCT FEATURES

- Flexible and cuttable LED strip
- Luminous flux: 1 000 lm/m
- Very good color rendering index CRI: >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](http://www.ledvance.com/dim)

## PRODUCT BENEFITS

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



PERFORMANCE CLASS

Drivers, connectors, profiles and covers available for various mounting options

## APPLICATIONS

- General illumination, cove lighting
- Bars, restaurants, hotels, shops
- Offices
- Residential interiors



# PERFECTLY MATCHED DRIVERS, CONNECTORS AND PROFILES FOR LEDVANCE COB LED STRIP

	DRIVERS	CONNECTORS	PROFILES
	DR DALI-SUP-45/220-240/24 DR DALI-SUP-80/220-240/24 DR DALI-SUP-150/220-240/24 DR-SUP-60/220-240/24 DR-SUP-100/220-240/24 DR-SUP-200/220-240/24 DR DIM-PFM-60/220-240/24/P DR DIM-PFM-100/220-240/24/P DR DIM-PFM-150/220-240/24/P DR DIM-PFM-250/220-240/24/P DR-PFM-60/220-240/24/P DR-PFM-100/220-240/24/P DR-PFM-150/220-240/24/P DR-PFM-250/220-240/24/P DR-VAL-60/220-240/24 DR-VAL-120/220-240/24 DR-VAL-150/220-240/24	LS AY PFM -CP/P2/500/COB LS AY PFM -CSD/P2/COB LS AY PFM -CSW/P2/50/COB	LS AY-PW01/U/26X8/14/1* LS AY-PW02/UW/39X26/14/1* LS AY-PW03/U/26X26/14/1* LS AY-PF01/UW/22X6/10/1* LS AY-PF02/U/16X5/10/1* LS AY-PF03/UW/25X7/12/1* LS AY-PF04/U/17X7/12/1* LS AY-PW01/UW/21.5X12/10/1* LS AY-PW02/R/18X15.5/10/1* LS AY-PW03/E/19X19/10/1* LS AY-PW04/UW/23X15.5/10/1* LS AY-PW05/U/17.5X14.5/10/1* LS AY-PW06/E/18X18/12/1*
<b>LED STRIPS</b>			
4058075597525 LS PFM-1000/COB/927/5	4058075421820 4058075421844 4058075421868 4058075437807 4058075437821 4058075437845 4058075379190 4058075240070 4058075240117 4058075240155 4058075239913 4058075239937 4058075239975 4058075240032 4058075240094 4058075240131 4058075240179	4058075664075 4058075664112 4058075664099	4058075278103 4058075278134 4058075278165 4058075278196 4058075278226 4058075278257 4058075278288 4058075278318 4058075278349 4058075278370 4058075278400 4058075279278 4058075279308
4058075597532 LS PFM-1000/COB/930/5			
4058075597549 LS PFM-1000/COB/940/5			
4058075597556 LS PFM-1000/COB/965/5			

■ LED STRIPS PERFORMANCE CLASS | \* Also in 2 m lengths | † Without connector

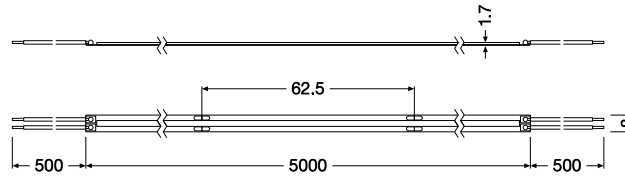


# LED STRIP PERFORMANCE COB-1000

High performance COB LED strip with 1000 lm/m for high requirements



Prewired cables on both sides



Product name	GTIN (EAN)	COLOR	K	lm <sup>3</sup> METER	lm	W <sup>3</sup> METER	W	lm/W <sup>3</sup>	V <sub>DC</sub>
LS PFM-1000/COB/927/5	4058075597525	Warm white	2700	1010	2850	11	36	92	24
LS PFM-1000/COB/930/5	4058075597532	White	3000	1010	3100	11	36	95	24
LS PFM-1000/COB/940/5	4058075597549	Cool white	4000	1040	3300	11	36	97	24
LS PFM-1000/COB/965/5	4058075597556	Daylight	6500	1060	3500	11	36	98	24

Product name	METER	°	UV <sup>4</sup>	t <sub>h</sub> <sup>5</sup>	T <sub>a</sub>	L x W x H [mm]	CABLE LENGTH	mm (mm)
LS PFM-1000/COB/927/5	384	140	F	50000	-20...+55 °C	5000 x 8.0 x 1.7	500	62.5
LS PFM-1000/COB/930/5	384	140	F	50000	-20...+55 °C	5000 x 8.0 x 1.7	500	62.5
LS PFM-1000/COB/940/5	384	140	F	50000	-20...+55 °C	5000 x 8.0 x 1.7	500	62.5
LS PFM-1000/COB/965/5	384	140	F	50000	-20...+55 °C	5000 x 8.0 x 1.7	500	62.5

<sup>1</sup> Refer to [www.ledvance.com/guarantee](http://www.ledvance.com/guarantee) for precise conditions | <sup>2</sup> Dimmable with suitable drivers, see also [www.ledvance.com/dim](http://www.ledvance.com/dim) | <sup>3</sup> Value based on first meter of the product | <sup>4</sup> Values are based on 0.5 meters of the product | <sup>5</sup> L70/B50 at T<sub>c</sub> max. 65 °C

## STRIP ACCESSORIES

### POWER CONNECTOR



Power Connector 2-Pin with 500 mm cable  
LS AY PFM -CP/P2/500/COB  
4058075654075

### STRIP CONNECTORS



Strip Connector 2-Pin with 50 mm cable  
LS AY PFM -CSW/P2/50/COB  
4058075654099



Strip Connector 2-Pin  
LS AY PFM -CSD/P2/COB  
4058075654112

## PROFILES

Matching profiles with corresponding covers and installation accessories



LS AY-PW01/U/  
26X8/14/1  
4058075278103



LS AY-PW02/UW/  
39X26/14/1  
4058075278134



LS AY-PW03/U/  
26X26/14/1  
4058075278165



LS AY-PF01/UW/  
22X6/10/1  
4058075278196



LS AY-PF02/U/  
16X5/10/1  
4058075278226



LS AY-PF03/UW/  
25X7/12/1  
4058075278257



LS AY-PF04/U/  
17X7/12/1  
4058075278288



LS AY-PM01/UW/  
21,5X12/10/1  
4058075278318



LS AY-PM04/UW/  
23X15,5/10/1  
4058075278400



LS AY-PM05/U/  
17,5X14,5/10/1  
4058075279278



LS AY-PM02/R/  
18X15,5/10/1  
4058075278349



LS AY-PM03/E/  
19X19/10/1  
4058075278370



LS AY-PM06/E/  
18X18/12/1  
4058075279308

## DRIVERS

Extract from the versatile driver portfolio



DR DALI-SUP-80/  
220-240/24  
4058075421844



DR DIM-PFM-60/  
220-240/24/P  
4058075379190



DR VAL-60/  
220-240/24  
4058075240094

# THE LONGER THE SHORTER THE MAXIMUM LED STRIP LENGTH DEPENDS ON THE SUPPLY LINE<sup>1</sup>

The maximum length of an LED Strip varies from application to application and strongly depends on the supply line between the driver and the strip. Depending on the length and cross-section of this supply line, a voltage drop can be recorded which from a certain point has a negative effect on the performance of the LED Strips. The tables below provide guide values.

## MAX. FEED LENGTH – COB LED STRIP PERFORMANCE CLASS

Cable length (cross-section 0.5 mm <sup>2</sup> ) <sup>2</sup>	Product class	Max. LED Strip length at an ambient temperature of T <sub>a</sub> : 25 °C				
		< 0.5 m	1.0 m	3.0 m	6.0 m	10.0 m
LS PFM-1000/COB/9**/5 <sup>3</sup>	■	5.0 m	4.8 m	4.5 m	4.1 m	3.4 m

■ LED STRIPS PERFORMANCE CLASS | <sup>1</sup> The shown values give an overview of the change in the maximum operation lengths as a function of the supply line length with a wire cross diameter of 0,5 mm<sup>2</sup>. All values are based on a LED strip nominal voltage of 24 V<sub>DC</sub> applied to the supply line. The supply line has to be designed according valid standards. | <sup>2</sup> LED strip connected at supply line wire with 500 mm prewired cable. | <sup>3</sup> The brightness of resistor-controlled LED strips can decrease with increasing product length, due to the voltage drop on the resistors.

### DID YOU KNOW?

The configurator calculates the feeds for your individual LED Strip System based on your inputs.

Give it a try at: [ledvance.com/led-strip-configurator](https://ledvance.com/led-strip-configurator)

**Summary of your Flex configuration**

**Problem 2**  
Components necessary for problem 2

Number of sets: 1  
Length (meters): 10  
No. of feed-ins: 2  
Max. power (W): 120

Colleges Flex	No.	Number of sets	Length 1 (meters)	Total length	Power
1	1	1	10	10	120 W

Colleges Profile	No.	Length 1 (meters)	Length 2 (meters)
1	1	10	10

Colleges Cover	No.	Length 1 (meters)	Length 2 (meters)
1	1	10	10

⊕ = no. of electrical connection points and, therefore, also drivers/ ballasts. Please, provide enough room for the operational gear!

No. of feed-ins ⊕	2
max. power (W)	120
Desired length (m)	10
Length (m) ⊕	10,00 (m)

For more information about our products, please visit [ledvance.com/led-strip](https://ledvance.com/led-strip)

Or contact us at [contact@ledvance.com](mailto:contact@ledvance.com)



## ABOUT LEDVANCE

With offices in more than 50 countries and business activities in more than 140 countries, LEDVANCE is one of the world's leading general lighting providers for professional users and end consumers. Having emerged from OSRAM's general lighting division, LEDVANCE offers a wide-ranging portfolio of LED luminaires for a broad spectrum of applications, intelligent lighting products for Smart Home and Smart Building solutions, one of the most comprehensive ranges of advanced LED lamps in the lighting industry, traditional light sources, an LED Strip System and light management systems.



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