

# PRODUCT DATASHEET

## Flex COB IP44 5M 3000K

COB STRIPS | Decorative LED Strips for outdoor use with homogenous lighting effect, IP44



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### Areas of application

- Outdoor applications
- Indirect lighting

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### Product benefits

- Easy and quick installation
- Homogenous light distribution
- Homogenous lighting thanks to COB LED

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### Product features

- COB technology for homogeneous light distribution
- Light color: Warm White
- Flexible, bendable LED strips
- Type of protection: IP44



## TECHNICAL DATA

### Electrical data

Nominal wattage	24.00 W
Nominal voltage	220...240 V
Mains frequency	50...60 Hz
Nominal current	135.000 mA
Inrush current	32 mA
Power factor $\lambda$	> 0.5
Total harmonic distortion	< 70 %
Protection class	II

### Photometrical data

Luminous flux	1900 lm
Total luminous flux of contained light sources	2100 lm
Luminous efficacy	79 lm/W
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	$\geq 80$
Standard deviation of color matching	< 6 sdc <sub>m</sub>
Flickering metric (Pst LM)	< 1
Stroboscope effect metric (SVM)	< 0.4
Photobiological safety group acc. to EN62778	RG1
Beam angle	170 °

### Dimensions & Weight

Length	5050.00 mm
Width	12.00 mm
Height	4.00 mm
Product weight	360.00 g

FLEX COB OUTDOOR 5M

### Materials & Colors

Product color	White
Housing color	White
Body material	Silicone
Cover material	Silicone
Mercury content	0.0 mg

### Application & Mounting

Ambient temperature range	-20...+40 °C
Temperature range at storage	-20...80 °C
Type of connection	Plug type C (EU)
Type of protection	IP44
Dimmable	No
Mounting type	Surface
Application environment	Outdoor

### Lifespan

Lifespan L70/B50 at 25 °C	30000 h <sup>1)</sup>
Number of switching cycles	15000

<sup>1)</sup> t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

### Certificates & Standards

Standards	CE
Replaceable light source (EPREL)	Not replaceable




### EQUIPMENT / ACCESSORIES

- Complete mounting and connecting accessories included

### Safety advice

- To reduce the risk of strangulation the flexible wiring connected to this luminaire shall be effectively fixed to the wall if the wiring is within arm's reach.
- Do not connect the rope light to the supply while it is wound onto a reel. Do not use the lightstrip when covered or recessed into a surface. The string of lights may not be operated within the packaging. Do not open the lightstrip.
- Check wall-ceiling for suitability. If uncertain, seek professional advice.

### DOWNLOAD DATA

Documents and certificates	Document name
 User instruction / safety instructions	UI FLEX COB WHITE OUTDOOR
 Legal information	Legal Insert FLEX COB OUTDOOR
 Declarations of conformity	CE Declaration Flex COB and Audio

## LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854095320	Folding box 1	67 mm x 192 mm x 193 mm	412.00 g	2.48 dm <sup>3</sup>
4099854095337	Shipping box 8	400 mm x 280 mm x 215 mm	3807.00 g	24.08 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.

## DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.