PRODUCT DATASHEET
Flex COB 5M 3000K

COB STRIPS WHITE | Decorative COB Strips with warm white light and homogenous lighting effect

Areas of application

– Living areas
– Indirect lighting

Product benefits

– Easy and quick installation
– Homogenous lighting thanks to COB LED

Product features

– COB technology for homogeneous light distribution
– Light color: Warm White
– Flexible, bendable LED strips

TECHNICAL DATA

Electrical data

Nominal wattage	24.00 W
Nominal voltage	220…240 V
Mains frequency	50…60 Hz
Nominal current	130.000 mA
Inrush current	28 mA
Power factor λ	> 0.5
Total harmonic distortion	< 70 %
Protection class	II

Photometrical data

Luminous flux	2100 lm
Total luminous flux of contained light sources	2100 lm
Luminous efficacy	87 lm/W
Color temperature	3000 K
Light color (designation)	Warm White
Color rendering index Ra	≥80
Standard deviation of color matching	< 6 sdcm
Flickering metric (Pst LM)	<1
Stroboscope effect metric (SVM)	< 0.4
Photobiological safety group acc. to EN62778	RG1
Beam angle	170 °

Dimensions & Weight

Length	5000.00 mm
Width	8.00 mm
Height	1.60 mm
Product weight	150.00 g

FLEX COB 5M

Materials & Colors

Product color	Yellow
Housing color	Yellow
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	IP20
Dimmable	No
Mounting type	Surface
Application environment	Indoor
LED module replaceable	Not replaceable

Lifespan

Lifespan L70/B50 at 25 °C	30000 h [1]
Number of switching cycles	15000

[1] 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

EQUIPMENT / ACCESSORIES

– Complete mounting and connecting accessories included

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	User Instruction	FLEX COB WHITE
PDF	Legal information	Legal Insert FLEX COB
PDF	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
4099854095269	Folding box 1	65 mm x 140 mm x 141 mm	192.00 g	1.28 dm³
4099854095276	Shipping box 8	306 mm x 282 mm x 173 mm	1934.00 g	14.93 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.