PRODUCT DATASHEET
Flex COB USB Type C 1.5M 830

USB Flex Strips COB | Decorative COB strips with warm white light and USB outlet

Areas of application

– Living areas (living rooms, dining rooms, bedrooms etc.)

Product benefits

– Easy and quick installation

Product features

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

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TECHNICAL DATA

Electrical data

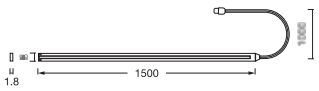
Nominal wattage	1.50 W
Nominal voltage	5 V
Nominal current	300.000 mA
Power factor λ	1.00
Protection class	I

Photometrical data

Luminous flux	80 lm
Total luminous flux of contained light sources	80 lm
Luminous efficacy	53 lm/W
Light color (designation)	Warm White
Color rendering index Ra	> 80
Photobiological safety group acc. to EN62778	RG1
Beam angle	120 °

Dimensions & Weight

Length	1500.00 mm
Width	8.00 mm
Height	1.80 mm
Product weight	40.00 g



FLEX COB USB TYPE C 1.5M 830

Materials & Colors

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

Application & Mounting

Type of connection	USB Type-C

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Type of protection	IP20
Dimmable	No
Mounting type	Surface
With light source	Yes
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	30000 h [1)]
Number of switching cycles	10000

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 / UKCA
Replaceable light source (EPREL)	Not replaceable

Safety advice

- Product in protection class I. All electrically conductive, metallic housing parts that can absorb voltage during operation or during maintenance in the event of a fault must be continuously connected to the protective earthing conductor.
- 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.
- 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.

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	User instruction / safety instructions	Flex 830 USB
PDF	Legal information	Safety insert G11226674
PDF	Declarations of conformity	CE Declaration Flex COB USB A_C
PDF	Declarations of conformity UKCA	UKCA declaration Flex COB USB A_C

LOGISTICAL DATA

Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854448898	Folding box 1	57 mm x 117 mm x 118 mm	72.00 g	0.79 dm^3
4099854448904	Shipping box 6	250 mm x 185 mm x 140 mm	637.00 g	6.48 dm^3

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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

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