

# PRODUCT DATASHEET

## Flex COB 5M TW + RC

COB STRIPS CCT WITH REMOTE CONTROL | Decorative COB Strips with CCT change, homogenous lighting effect and remote control



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### Areas of application

- Living areas
- Indirect lighting

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### Product benefits

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

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### Product features

- COB technology for homogeneous light distribution
- Dimmable
- Color temperature adjustable stepless via remote control from 2700 K to 6500 K
- Flexible, bendable LED strips



TECHNICAL DATA

Electrical data

|                           |             |
|---------------------------|-------------|
| Nominal wattage           | 35.00 W     |
| Nominal voltage           | 220...240 V |
| Mains frequency           | 50...60 Hz  |
| Nominal current           | 165.000 mA  |
| Inrush current            | 40 mA       |
| Power factor $\lambda$    | > 0.90      |
| Total harmonic distortion | < 70 %      |
| Protection class          | II          |

Photometrical data

|                                                              |               |
|--------------------------------------------------------------|---------------|
| Luminous flux                                                | 1700 lm       |
| Total luminous flux of contained light sources               | 1700 lm       |
| Luminous efficacy                                            | 87 lm/W       |
| Color temperature                                            | 2700...6500 K |
| Reference control setting of contained light source (Kelvin) | 2700 K        |
| Light color (designation)                                    | Tunable 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          | 10.00 mm   |
| Height         | 1.80 mm    |
| Product weight | 250.00 g   |

FLEX COB 5M TW RC

## 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                     | Yes              |
| Mounting type                | Surface          |
| Application environment      | Indoor           |
| Replaceable light source     | No               |

## 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)

## BATTERY

|                    |        |
|--------------------|--------|
| Battery size [GMS] | CR2025 |
|--------------------|--------|

## Certificates & Standards

|                                  |                 |
|----------------------------------|-----------------|
| Standards                        | CE              |
| Replaceable light source (EPREL) | Not replaceable |

## EQUIPMENT / ACCESSORIES




- Remote control and battery included
- 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.
- Battery Warning: Keep out of reach for children. Swallowing can lead to chemical burns, perforation of soft tissue, and death. Severe burns can occur within 2 hours of ingestion. Seek medical attention immediately.
- If the battery compartment (if applicable) does not close securely, stop using the product and keep it away from children. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.
- Please avoid: Maximal ambient temperature: +35 °C. Replacement of a battery with an incorrect type that can defeat safeguard (for example, in the case of some lithium battery types). Altitude during operation: 2000 m. Disposal of a battery into fire or a hot oven, or mechanically crushing or cutting of a battery, that can result in an explosion.

## DOWNLOAD DATA

| Documents and certificates                                                       |                                        | Document name                     |
|----------------------------------------------------------------------------------|----------------------------------------|-----------------------------------|
|  | User instruction / safety instructions | FLEX COB TUNABLE WHITE            |
|  | Legal information                      | Legal Insert FLEX                 |
|  | 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                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4099854095221 | Folding box<br>1             | 65 mm x 140 mm x 141 mm              | 292.00 g     | 1.28 dm <sup>3</sup>  |
| 4099854095238 | Shipping box<br>8            | 306 mm x 282 mm x 173 mm             | 2734.00 g    | 14.93 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.