

# PRODUCT DATASHEET

## Flex COB IP44 3M 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           | 15.00 W     |
| Nominal voltage           | 220...240 V |
| Mains frequency           | 50...60 Hz  |
| Nominal current           | 90.000 mA   |
| Inrush current            | 32 mA       |
| Power factor $\lambda$    | > 0.5       |
| Total harmonic distortion | < 70 %      |
| Protection class          | II          |

Photometrical data

|                                                |            |
|------------------------------------------------|------------|
| Luminous flux                                  | 1100 lm    |
| Total luminous flux of contained light sources | 1260 lm    |
| Luminous efficacy                              | 73 lm/W    |
| Color temperature                              | 3000 K     |
| Light color (designation)                      | Warm White |
| Color rendering index Ra                       | $\geq 80$  |
| 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         | 3000.00 mm |
| Width          | 12.00 mm   |
| Height         | 4.00 mm    |
| Product weight | 290.00 g   |

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          |
| LED module replaceable       | Not replaceable  |

### Lifespan

|                            |         |
|----------------------------|---------|
| Lifespan L70/B50 at 25 °C  | 30000 h |
| Number of switching cycles | 15000   |

### Certificates & Standards

|           |    |
|-----------|----|
| Standards | CE |
|-----------|----|

### Additional product data

|                |                          |
|----------------|--------------------------|
| Product remark | Available from July 2023 |
|----------------|--------------------------|

## EQUIPMENT / ACCESSORIES

- Complete mounting and connecting accessories included

## DOWNLOAD DATA

| Documents and certificates                                                         |                  |
|------------------------------------------------------------------------------------|------------------|
|  | User instruction |

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4099854095344 | Folding box<br>1             | 67 mm x 167 mm x 168 mm              | 341.00 g     | 1.88 dm <sup>3</sup>  |
| 4099854095351 | Shipping box<br>8            | 350 mm x 280 mm x 190 mm             | 3149.00 g    | 18.62 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.

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## DISCLAIMER

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