

## DURASTRIP COB

### Typology

LED strip Chip On Board.

### Features

The construction structure of COB strips allows the LEDs to be applied on the substrate in a continuous manner, optimizing all the space: the result is a continuous line of light, emphasized by the phosphate cover.

The type of LEDs used emit less heat than the CHIPS normally used for strips, allowing very high efficiency and strong brightness even at low wattages.

### Installation

Complete with double-sided tape to attach to the surface.

When using double-sided tape degrease the application surface adequately.

Strips can be cut to size by following the cutting indications printed on the strips.

### Usage information

Dimmable 0-100% Flicker Free

DALI - DMX - 1-10

Analogue and digital domotic control systems

Push Dali with ZKCDAFF controllers

CASAMBI compatible

### Power supply

Max current for single power supply: 4A.

### Packaging

Packaged in 5 meters reels.

### LED

320 LED/m

Ra>90

Lifetime: 25,000h

Warranty: 3 years

### Connections

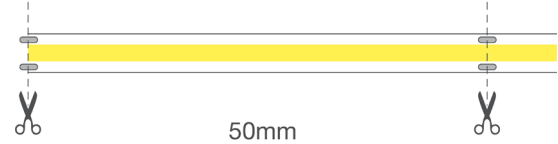
IP20: terminals with free wires.

|              |           |                |                 |                   |
|--------------|-----------|----------------|-----------------|-------------------|
| <b>BASIC</b> | 24 Vdc    | Ra 90          |                 | 25000 h<br>L70B20 |
| IP20         | Free Wire | -25°C<br>+35°C | Risk<br>Group 0 |                   |
|              |           |                |                 |                   |

### Characteristic data

|              |           |      |      |          |        |       |        |
|--------------|-----------|------|------|----------|--------|-------|--------|
| Power        | 50 W      | Beam | 120° | Dimmable | Yes    | Input | 24 Vdc |
| Base         | Free Wire | IP   | 20   | Tc       | 3000 K | Ra    | 90     |
| LED Warranty | G3        | RG   | RG0  |          |        |       |        |

## Dimensional characteristics



|    |         |
|----|---------|
| L  | 5000 mm |
| L1 | 8 mm    |
| H  | 1.7 mm  |

|               |       |
|---------------|-------|
| Cutting pitch | 50 mm |
|---------------|-------|

## Lighting and photometric features

|   |                    |
|---|--------------------|
| Beam opening                              | 120°               |
| Nominal flux per mt                       | 920 lm/m           |
| CCT nominal colour temperature            | 3000 K             |
| Colour of the light                       | Warm light         |
| Colour rendering index                    | 90                 |
| Lifespan                                  | 25000 h            |
| LED lifespan                              | L70B20             |
| Trigger time                              | <0,2 s             |
| Heating time up to 60% of full efficiency | Instant Full Light |

## Electrical characteristics

|                         |   |
|-------------------------|---|
| Rated power             | 50 W  |
| Input voltage           | 24 Vdc  |
| Dimmable                | Yes   |
| Energy efficiency class | This product contains a light source of energy efficiency class "F" |
| Operating temperature   | -25°C / +35°C   |

## Photometry

|                                    | 3000K            | H(m)  | D(m)  | E <sub>max</sub> (lx) |
|------------------------------------|------------------|-------|-------|-----------------------|
|                                    | Ra90             |       | 117°  |                       |
| Fixture Power                      | 10W              | 1     | 3.25  | 290                   |
| Source Flux                        | 920lm            | 2     | 6.50  | 73                    |
| Fixture Flux                       | 920lm            | 3     | 9.74  | 32                    |
| Efficacy                           | 92lm/W           | 4     | 12.99 | 18                    |
| 016296 I <sub>max</sub> =316cd/klm | I <sub>max</sub> | 290cd | 16.24 | 12                    |

EulumDat file on the site

## LED Warranty

|    |  |
|----|--|
| G3 | Up to 3 years<br>(4000h/year) *4000h = 11h a day x 365 days.<br>Without limitations on the duration of use for the first year, provided the observance of the installation conditions. |
|----|--|

## European Directives

2009/125/EC \* Ecodesign  
 2011/65/EU \* RoHS  
 2012/19/EU \* RAEE  
 2014/30/EU \* EMC  
 2015/863 \* Amending RoHS  
 2017/1369 \* Regulation for Energy Labelling  
 2019/2015 \* Regulation for Energy Labelling  
 2019/2020 \* Regulation for Ecodesign  
 2021/340 \* Amending Reg. Energy Labelling  
 2021/341 \* Amending Reg. Ecodesign

## Product standards

CEI EN 55015:2020 (+A11:2020)  
 CEI EN 60598-1:2022  
 CEI EN 60598-2-1:2022  
 CEI EN 61000-3-2:2019 (+A1:2021)  
 CEI EN 61000-3-3:2014 (+EC1:2014/+EC2:2016/+A1:2021/+A2:2022)  
 CEI EN 61547:2010  
 CEI EN 62031:2021 (+A11:2022)  
 CEI EN 62471:2010  
 IEC/TR 62471-2:2009  
 CEI EN 62493:2015  
 CEI 34-141:2014

## Logistics data

|                        |               |
|------------------------|---------------|
| Item net weight        | 77 gr         |
| Barcode single item    | 8011905016296 |
| Minimum order quantity | 1             |
| Minimum packaging      | 1 / 1         |