

## 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

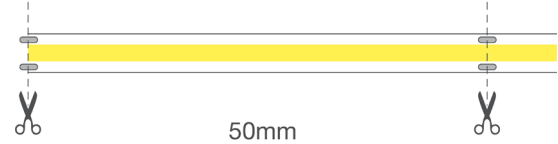
IP20: terminals with free wires.

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

### Characteristic data

Power	50 W	Beam	120°	Dimmable	Yes	Input	24 Vdc
Base	Free Wire	IP	20	Tc	3500 K	Ra	90
LED Warranty	G3	RG	RG0				

## Dimensional characteristics



L	5000 mm
L1	8 mm
H	1.7 mm

Cutting pitch	50 mm
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## Lighting and photometric features

Beam opening	120°
Nominal flux per mt	920 lm/m
CCT nominal colour temperature	3500 K
Colour of the light	Natural 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

	3500K	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
016357 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 (4000h/year) *4000h = 11h a day x 365 days. Without limitations on the duration of use for the first year, provided the observance of the installation conditions.
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## 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	8011905016357
Number of pieces multiple pack	300
Minimum order quantity	300
Minimum packaging	300 / 300