

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

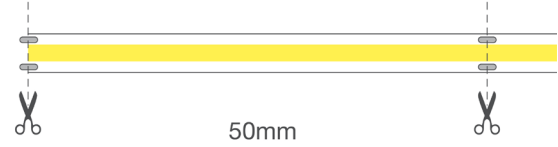
IP20: terminals with free wires.

BASIC	24 Vdc	Ra 90		25000 h L70B20
IP20	Free Wire	-25°C +35°C	Risk Group 0	
120°	G3			

Characteristic data

Power	50 W	Beam	120°	Dimmable	Yes	Input	24 Vdc
Base	Free Wire	IP	20	Tc	2700 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	890 lm/m
CCT nominal colour temperature	2700 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

	2700K	H(m)	D(m)	E _{max} (lx)
	Ra90		117°	
Fixture Power	10W	1	3.25	281
Source Flux	890lm	2	6.50	70
Fixture Flux	890lm	3	9.74	31
Efficacy	89lm/W	4	12.99	18
016319 I _{max} =316cd/klm	I _{max}	281cd	16.24	11

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	8011905016296
Minimum order quantity	1
Minimum packaging	1 / 1