

HIGH DENSITY DURASTRIP

Typology

24V Strip LED.

Features

High Density LED strips also have an Integrated Circuit inside the LED package. The integrated circuit is a constant current regulator to compensate for voltage fluctuations and to keep the light emission uniform even over long distances. Integrating the circuit eliminates the need for external resistors which are usually fixed to the substrate between one LED and another and allows for closer positioning and adjustment of the LED sources for uniform and uninterrupted emission with superior performance in terms of lumen/watts.

Installation

Complete with 3M double-sided tape to attach to the surface. When using double-sided tape degrease the application surface adequately. **Always use with aluminium profiles for heat dissipation.**

Usage information

Dimmable 0-100% Flicker Free
DALI - DMX - 1-10
Analogue and digital domotic control systems
Push Dali with ZKCOAFF controllers
CASAMBI compatible

Packaging

Packaged in 5 meters reels.
This product can be customized: consult the catalogue or the sales force for details.

Colour of the light

Choice of white colour temperatures.

Binning

ANSI/SDCM: 2 step.

Connections

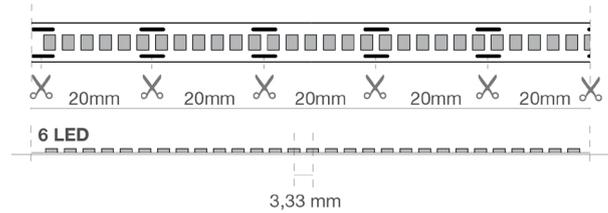
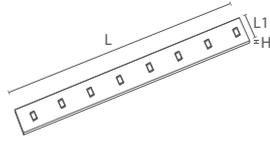
IP20: terminals with free wires.
Maximum connection length 5 m. Max 4A.
For longer connections, connect in series or in parallel, see diagram in Info Tech.
Strips can be cut to size by following the cutting indications printed on the strips.

PRO	24 Vdc	Ra >90		
50000 h L70B20	IP20	Free Wire	-25°C +35°C	Risk Group 0
	120°			

Characteristic data

Power	120 W	Beam	120°	Dimmable	Yes	Input	24 Vdc
Base	Free Wire	IP	20	Flux	10200 lm	Tc	4000 K
Ra	>90	LED Warranty	G5h24	RG	RG0		

Dimensional characteristics



L	5000 mm
L1	10 mm
H	1.5 mm

Cutting pitch	20 mm
LED pitch	33.3 mm

Lighting and photometric features

Beam opening	120°
Nominal flux per mt	2040 lm/m
Flux	10200 lm
CCT nominal colour temperature	4000 K
Colour rendering index	>90
Lifespan	50000 h
LED lifespan	L70B20
Trigger time	<0,2 s
Heating time up to 60% of full efficiency	Instant Full Light
Mercury	0 mg

Electrical characteristics

Rated power	120 W
Input voltage	24 Vdc
Dimmable	Yes
Energy efficiency class	This product contains a light source of energy efficiency class "F"
Number of cycles	100000
Operating temperature	-25°C / +35°C
Operating position	360°

Photometry

	4000K	H(m)	D(m)	E _{max} (lx)	
	Ra90		117°		
	Fixture Power	24W	1	3.25	644
	Source Flux	2040lm	2	6.50	161
	Fixture Flux	2040lm	3	9.74	72
	Efficacy	85lm/W	4	12.99	40
	934293 I _{max} =316cd/klm	I _{max}	644cd	5	16.24

EulumDat file on the site

LED Warranty

G5h24	<p>Full Guarantee 5 years (24h/24h) Without limitations on the duration of use for the first year, provided the observance of the installation conditions.</p>
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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	120 gr
Barcode single item	8011905934293