

DURASTRIP HIGH EFFICIENCY IP20

A high efficiency range to meet the needs of prestigious projects. With an efficiency of 180 lumens/watt, these strips emit from 1000 to 4000 lumens per metre, these strips are perfect for general lighting applications. The High Efficiency line is characterised by excellent quality, reliability, high colour rendering, excellent white colour homogeneity, durability, long service life and great energy savings!

Features

White shades: 3000K and 4000K available, other colour temperatures on request and with MOQ.

Installation

Complete with 3M double-sided tape to attach to the surface and jumpers to be screwed to the surface. When using double-sided tape degrease the application surface adequately.

Usage information

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

Packaging

Packaged in 5 meters reels.

Connections

IP20: terminals with free wires.
For longer connections, connect in series or parallel, see diagram.
Strips can be cut to size by following the cutting indications printed on the strips.



24 Vdc

Ra 92



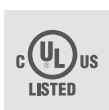
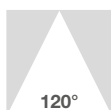
50000 h
L70B20

IP20

Free Wire

-25°C
+35°C

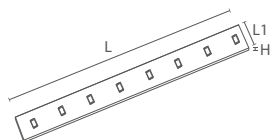
Risk
Group 0



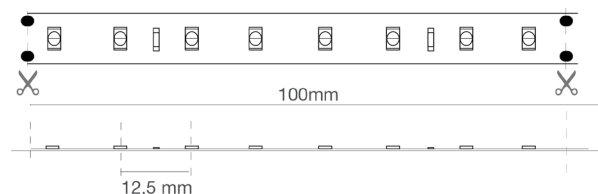
Characteristic data

Power	36 W	Beam	120°	Dimmable	Yes	Input	24 Vdc
Base	Free Wire	IP	20	Tc	3500 K	Ra	92
LED Warranty	G5h24	RG	RG0				

Dimensional characteristics



8 LED (7,2W)



L	5000 mm
L1	10 mm
H	1 mm

Cutting pitch	100 mm
LED pitch	12.5 mm

Lighting and photometric features

Beam opening	120°
Nominal flux per mt	1225 lm/m
CCT nominal colour temperature	3500 K
Colour of the light	Natural warm light
Colour rendering index	92
Lifespan	50000 h
LED lifespan	L70B20
Trigger time	<0,2 s
Heating time up to 60% of full efficiency	Instant Full Light

Electrical characteristics

Rated power	36 W
Input voltage	24 Vdc
Dimmable	Yes
Operating temperature	-25°C / +35°C

Photometry

	3500K	H(m)	D(m)	E _{max} (lx)	
	Ra92		117°		
	Fixture Power	7W	1	3.25	407
	Source Flux	1290lm	2	6.50	102
	Fixture Flux	1290lm	3	9.74	45
	Efficacy	179lm/W	4	12.99	25
	000592 I _{max} =316cd/klm	I _{max}	407cd	5	16.24

EuLumDat file on the site

LED Warranty

G5h24	Full Guarantee 5 years (24h/24h) 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	90 gr
Barcode single item	8011905000592
Number of pieces multiple pack	20
Minimum order quantity	20
Minimum packaging	20 / 20