



DURAstrip PRO IP68

Typology

24V Strip LED.

Features

Double track LED strip, 600 LEDs, optimization of temperature management, halving of voltage drop along the length.

Low temperature extrusion technology for the silicone sheath: greater resistance to abrasion, easier access to the substrate for welding operations.

Resistance to oxidation and fading due to other light sources; no UV emission.

Package includes mounting accessories.

Using LED 3528 limits the colour shifting effect on the beam emission angles.

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.

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

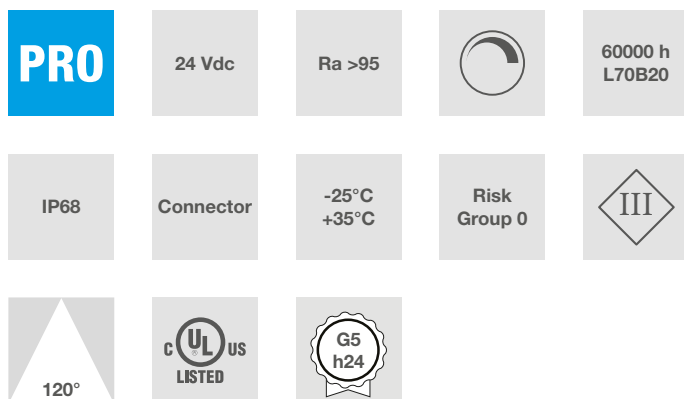
Complete with a 15 cm long IP65/68 M/F cable on 2 sides.

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.

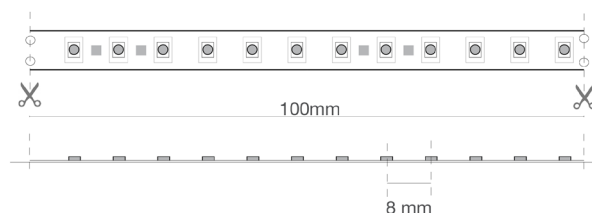
For IP65/IP68 strips, restore the IP protection after cutting.



Characteristic data

Power	45 W	Beam	120°	Dimmable	Yes	Input	24 Vdc
Base	Connector	IP	68	Flux	4250 lm	Axis	290 cd
Tc	2700 K	Ra	>95	LED Warranty	G5h24	RG	RG0

Dimensional characteristics



L	5000 mm
L1	12 mm
H	5 mm

Cutting pitch	100 mm
LED pitch	8 mm

Lighting and photometric features

Beam opening	120°
Nominal flux per mt	850 lm/m
Flux	4250 lm
Axis	290 cd
CCT nominal colour temperature	2700 K
Colour of the light	Warm light
Colour rendering index	>95
Lifespan	60000 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	45 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



	2700K	H(m)	D1(m)	D2(m)	Emax(lx)	
	Ra95		108°	109°		
Fixture Power	9W	1	2.74	2.79	304	
Source Flux	850lm	2	5.47	5.57	76	
Fixture Flux	850lm	3	8.21	8.36	34	
Efficacy	94lm/W	4	10.94	11.14	19	
842178 Imax=358cd/klm	Imax	304cd	5	13.68	13.93	12

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	390 gr
Barcode single item	8011905842178
Number of pieces multiple pack	10
Barcode multiple pack	8011905787455
Minimum order quantity	1
Minimum packaging	1 / 10