



## 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 decrease the application surface adequately.

### 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

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.

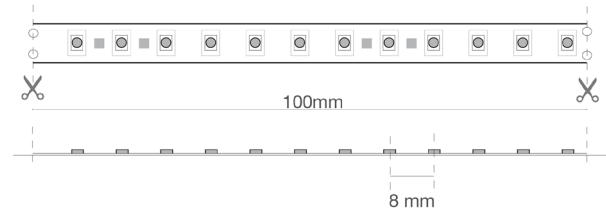
For IP65/IP68 strips, restore the IP protection after cutting.

|            |           |                |                 |                   |
|------------|-----------|----------------|-----------------|-------------------|
| <b>PRO</b> | 24 Vdc    | Ra 95          |                 | 60000 h<br>L70B20 |
| IP68       | Connector | -25°C<br>+35°C | Risk<br>Group 0 |                   |
| <br>120°   |           |                |                 |                   |

### Characteristic data

|       |           |      |      |              |         |       |        |
|-------|-----------|------|------|--------------|---------|-------|--------|
| Power | 60 W      | Beam | 120° | Dimmable     | Yes     | Input | 24 Vdc |
| Base  | Connector | IP   | 68   | Flux         | 5750 lm | Axis  | 390 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                       | 1150 lm/m          |
| Flux                                      | 5750 lm            |
| Axis                                      | 390 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             | 60 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) |
|--------------------------|--------|------|-------|-------|----------|
|                          |        |      | 108°  | 109°  |          |
| Fixture Power            | 12W    | 1    | 2.74  | 2.79  | 412      |
| Source Flux              | 1150lm | 2    | 5.47  | 5.57  | 103      |
| Fixture Flux             | 1150lm | 3    | 8.21  | 8.36  | 46       |
| Efficacy                 | 96lm/W | 4    | 10.94 | 11.14 | 26       |
| 07U272412X0max=358cd/klm | Imax   | 5    | 13.68 | 13.93 | 16       |

EulumDat file on the site

## LED Warranty

|       |  |
|-------|--|
| G5h24 | <p>Full Guarantee<br/>5 years<br/>(24h/24h) Without limitations on the duration of use for the first year, provided the observance of the installation conditions.</p> |
|-------|--|

## 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                | 460 gr        |
| Barcode single item            | 8011905848606 |
| Number of pieces multiple pack | 20            |
| Minimum order quantity         | 1             |
| Minimum packaging              | 1 / 20        |