



DURASTRIP PRO IP20

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.

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

IP20: terminals with free wires.

Maximum connection length 5 m. Max 4A.

Strips can be cut to size by following the cutting indications printed on the strips.



Characteristic data

| | | | | | | | |
|-------|-----------|------|------|--------------|---------|-------|--------|
| Power | 45 W | Beam | 120° | Dimmable | Yes | Input | 24 Vdc |
| Base | Free Wire | IP | 20 | Flux | 4250 lm | Axis | 850 cd |
| Tc | 3500 K | Ra | 95 | LED Warranty | G5h24 | RG | RG0 |

Dimensional characteristics



| | |
|----|---------|
| L | 5000 mm |
| L1 | 10 mm |
| H | 2 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 | 850 cd |
| CCT nominal colour temperature | 3500 K |
| Colour of the light | Natural 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

| | 3500K | 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 | | |
| 932152 | Imax=358cd/klm | Imax | 304cd | 5 | 13.68 | 13.93 | 12 |

EulumDat file on the site

LED Warranty

| | |
|-------|---|
| 65h24 | Full Guarantee 5 years (24h/24h) Without limitations on the duration of use for the first year, provided the observance of the installation conditions. |
|-------|---|

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 | 75 gr |
| Barcode single item | 8011905932152 |
| Number of pieces multiple pack | 20 |
| Minimum order quantity | 20 |
| Minimum packaging | 20 / 20 |