

DURASTRIP PRO240 IP20

Typology

24V Strip LED.

Features

PRO240 is a range of strips with significant power, up to 24W/m.

With an efficiency of 110lm/W and thanks to a narrow space between the LED sources, PRO240 is the strip to use when strong light emission is required, for example for installations at great heights.

At the same time it guarantees extreme uniformity and colour reliability, made superlative by Ra>95.

PRO240 are new generation strips which are increasingly efficient and reliable over time.

Available in an IP20 and IP65 version.

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.

Always use with aluminium profiles for heat dissipation.

Usage information

Dimmable 0-100%

DALI - DMX - 1-10

Analogue and digital domotic control systems

Push Dali with ZKCDAFF controllers

CASAMBI compatible

Packaging

Packaged in 4 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: 3 step.

Connections

IP20: terminals with free wires.

Maximum connection length 5 m. Max 4A.

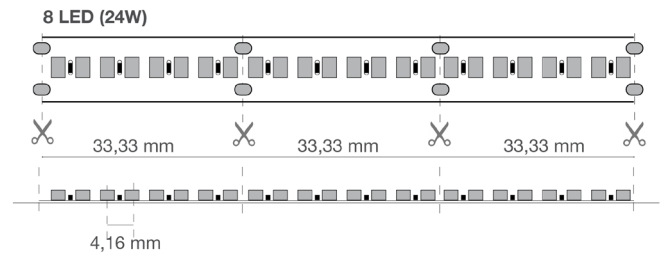
Strips can be cut to size by following the cutting indications printed on the strips.

| | | | | |
|------------|-----------|----------------|-----------------|-------------------|
| PRO | 24 Vdc | Ra 95 | | 50000 h L70B20 |
| IP20 | Free Wire | -25°C +35°C | Risk Group 0 | |
| | | | | |

Characteristic data

| | | | | | | | |
|--------------|-----------|------|------|----------|--------|-------|--------|
| Power | 120 W | Beam | 120° | Dimmable | Yes | Input | 24 Vdc |
| Base | Free Wire | IP | 20 | Tc | 4000 K | Ra | 95 |
| LED Warranty | G5h24 | RG | RG0 | | | | |

Dimensional characteristics



| | |
|----|---------|
| L | 5000 mm |
| L1 | 10 mm |
| H | 1 mm |

| | |
|---------------|----------|
| Cutting pitch | 33.33 mm |
| LED pitch | 4.16 mm |

Lighting and photometric features

| | |
|---|--------------------|
| Beam opening | 120° |
| Nominal flux per mt | 2850 lm/m |
| CCT nominal colour temperature | 4000 K |
| Colour of the light | Natural light |
| Colour rendering index | 95 |
| 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 |
| Operating temperature | -25°C / +35°C |
| Operating position | 360° |

Photometry

| | 4000K | H(m) | D1(m) | D2(m) | E _{max} (lx) |
|-----------------------------|------------------|------|-------|-------|-----------------------|
| | Ra95 | | 108° | 109° | |
| Fixture Power | 24W | 1 | 2.74 | 2.79 | 1020 |
| Source Flux | 2850lm | 2 | 5.47 | 5.57 | 255 |
| Fixture Flux | 2850lm | 3 | 8.21 | 8.36 | 113 |
| Efficacy | 119lm/W | 4 | 10.94 | 11.14 | 64 |
| I _{max} =358cd/klm | I _{max} | 5 | 13.68 | 13.93 | 41 |

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. |
|-------|---|

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 | 108 gr |
| Barcode single item | 8011905954550 |
| Number of pieces multiple pack | 20 |
| Minimum order quantity | 1 |
| Minimum packaging | 1 / 20 |