

## 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

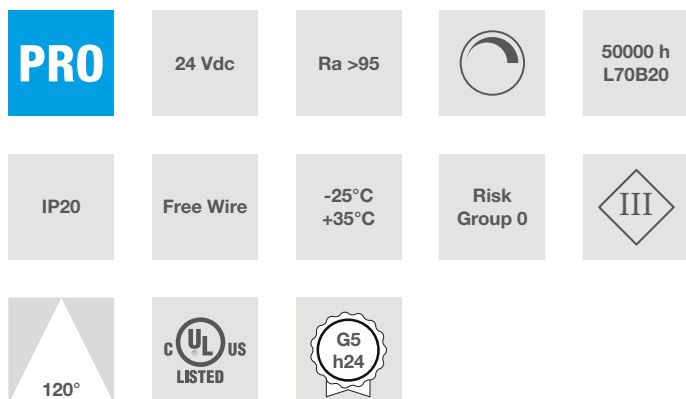
ANSI/SDCM: 3 step.

### Connections

IP20: terminals with free wires.

Maximum connection length 5 m.

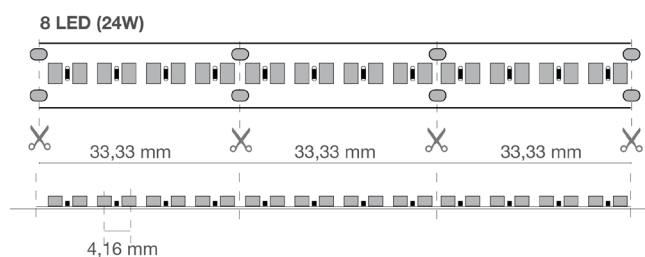
For longer connections, connect in series or in parallel, see diagram in Info Tech. Strips can be cut to size by following the cutting indications printed on the strips.



### Characteristic data

|              |           |      |      |          |        |       |        |
|--------------|-----------|------|------|----------|--------|-------|--------|
| Power        | 95 W      | Beam | 120° | Dimmable | Yes    | Input | 24 Vdc |
| Base         | Free Wire | IP   | 20   | Tc       | 3000 K | Ra    | >95    |
| LED Warranty | G5h24     | RG   | RG0  |          |        |       |        |

## Dimensional characteristics



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

|               |         |
|---------------|---------|
| Cutting pitch | 25 mm   |
| LED pitch     | 4.16 mm |

## Lighting and photometric features

|   |                    |
|---|--------------------|
| Beam opening                              | 120°               |
| Nominal flux per mt                       | 1710 lm/m          |
| CCT nominal colour temperature            | 3000 K             |
| Colour of the light                       | Warm 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             | 95 W  |
| Input voltage           | 24 Vdc  |
| Dimmable                | Yes   |
| Energy efficiency class | This product contains a light source of energy efficiency class "F" |
| Operating temperature   | -25°C / +35°C   |
| Operating position      | 360°  |

## Photometry

|                                    | 3000K            | H(m) | D1(m) | D2(m) | E <sub>max</sub> (lx) |
|------------------------------------|------------------|------|-------|-------|-----------------------|
|                                    | Ra95             |      | 108°  | 109°  |                       |
| Fixture Power                      | 19W              | 1    | 2.74  | 2.79  | 612                   |
| Source Flux                        | 1710lm           | 2    | 5.47  | 5.57  | 153                   |
| Fixture Flux                       | 1710lm           | 3    | 8.21  | 8.36  | 68                    |
| Efficacy                           | 90lm/W           | 4    | 10.94 | 11.14 | 38                    |
| 954345 I <sub>max</sub> =358cd/klm | I <sub>max</sub> | 5    | 13.68 | 13.93 | 24                    |

EulumDat file on the site

## LED Warranty

|       |   |
|-------|---|
| G5h24 | 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. |
|-------|---|

## 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            | 8011905954505 |
| Number of pieces multiple pack | 20            |
| Minimum order quantity         | 1             |
| Minimum packaging              | 1 / 20        |