



DURASTRIP HIGH EFFICIENCY IP68

A high efficiency range to meet the needs of prestigious projects. With an efficiency of 180 lumens/watt, these strips emit from 1000 to 4000 lumens per metre, these strips are perfect for general lighting applications. The High Efficiency line is characterised by excellent quality, reliability, high colour rendering, excellent white colour homogeneity, durability, long service life and great energy savings!

Features

White shades: 3000K and 4000K available, other colour temperatures on request and with MOQ.

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.

Connections

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

Maximum connection length 5 m.

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 | 108 W | Beam | 120° | Dimmable | Yes | Input | 24 Vdc |
| Base | Connector | IP | 68 | Tc | 4000 K | Ra | 92 |
| LED Warranty | G5h24 | RG | RG0 | | | | |

Dimensional characteristics



| | |
|----|---------|
| L | 5000 mm |
| L1 | 12 mm |
| H | 4 mm |

| | |
|---------------|---------|
| Cutting pitch | 33 mm |
| LED pitch | 4.16 mm |

Lighting and photometric features

| | |
|---|--------------------|
| Beam opening | 120° |
| Nominal flux per mt | 3800 lm/m |
| CCT nominal colour temperature | 4000 K |
| Colour of the light | Natural light |
| Colour rendering index | 92 |
| Lifespan | 50000 h |
| LED lifespan | L70B20 |
| Trigger time | <0,2 s |
| Heating time up to 60% of full efficiency | Instant Full Light |

Electrical characteristics

| | |
|-----------------------|---------------|
| Rated power | 108 W |
| Input voltage | 24 Vdc |
| Dimmable | Yes |
| Operating temperature | -25°C / +35°C |

Photometry

| | 4000K | H(m) | D(m) | E _{max} (lx) | |
|------------------------------------|------------------|--------|-------|-----------------------|----|
| | Ra92 | | 117° | | |
| Fixture Power | 22W | 1 | 3.25 | 1200 | |
| Source Flux | 3800lm | 2 | 6.50 | 300 | |
| Fixture Flux | 3800lm | 3 | 9.74 | 133 | |
| Efficacy | 176lm/W | 4 | 12.99 | 75 | |
| 000554 I _{max} =316cd/klm | I _{max} | 1200cd | 5 | 16.24 | 48 |

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 | 398 gr |
| Barcode single item | 8011905000554 |
| Number of pieces multiple pack | 10 |
| Minimum order quantity | 1 |
| Minimum packaging | 1 / 10 |