

DURASTRIP ULTRA HD700 IP65

700 very small LEDs per meter mounted with a centre distance of only 1.4 mm create a highly effective continuous line of light. The cut every 10 mm allows unprecedented installation flexibility. It can be used with wood panelling, cove lighting, etc. Always use with an aluminium profile to allow heat dissipation and with low thickness profiles as the pitch of the LEDs cancels any pointed effect.

Installation

Complete with 3M double-sided tape to attach 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% Flicker Free
DALI - DMX - 1-10
Analogue and digital domotic control systems
Push Dali with ZKCAFF controllers
CASAMBI compatible

Packaging

Packaged in 5 meters reels.
Or custom products cut to specific lengths see page 11, 322.

LED

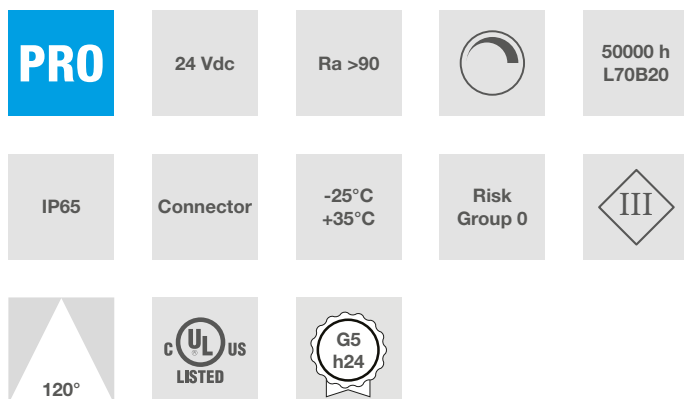
LED 2110
700 LED/m
100W (20W/m)
24VDC
Ra>90
Lifetime: >50,000h
Warranty: 5 years

Colour of the light

Choice of white colour temperature:
2700K - 3000K - 3500K - 4000K - 6000K

Connections

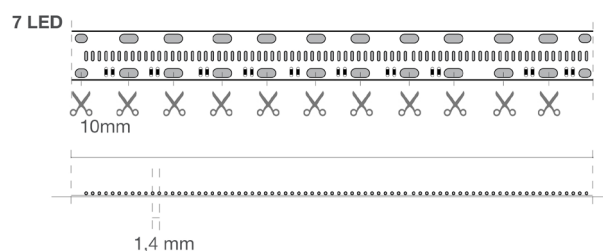
Complete with IP65 / 68 Male/Female wire on 2 sides, length 15 cm.
Maximum connection length 5 m.
Strips can be cut to size by following the cutting indications printed on the strips.



Characteristic data

| | | | | | | | |
|--------------|-----------|------|------|----------|--------|-------|--------|
| Power | 100 W | Beam | 120° | Dimmable | Yes | Input | 24 Vdc |
| Base | Connector | IP | 65 | Tc | 4000 K | Ra | >90 |
| LED Warranty | G5h24 | RG | RG0 | | | | |

Dimensional characteristics



| | |
|----|---------|
| L | 5000 mm |
| L1 | 10 mm |
| H | 5 mm |

| | |
|---------------|--------|
| Cutting pitch | 10 mm |
| LED pitch | 1.4 mm |

Lighting and photometric features

| | |
|---|--------------------|
| Beam opening | 120° |
| Nominal flux per mt | 1530 lm/m |
| CCT nominal colour temperature | 4000 K |
| Colour rendering index | >90 |
| 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 | 100 W |
| Input voltage | 24 Vdc |
| Dimmable | Yes |
| Energy efficiency class | This product contains a light source of energy efficiency class "G" |
| Number of cycles | 100000 |
| Operating temperature | -25°C / +35°C |
| Operating position | 360° |

Photometry

| | 4000K | H(m) | D(m) | Emax(lx) |
|------------------------------------|------------------|------|-------|----------|
| | Ra90 | | 117° | |
| Fixture Power | 20W | 1 | 3.25 | 568 |
| Source Flux | 1800lm | 2 | 6.50 | 142 |
| Fixture Flux | 1800lm | 3 | 9.74 | 63 |
| Efficacy | 90lm/W | 4 | 12.99 | 36 |
| 950118 I _{max} =316cd/klm | I _{max} | 5 | 16.24 | 23 |

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

| | |
|---------------------|---------------|
| Barcode single item | 8011905953218 |
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