

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

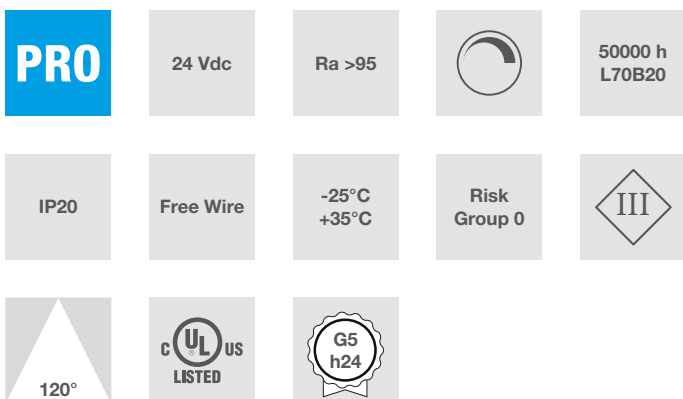
Choice of white colour temperatures.

Binning

ANSI/SDCM: 3 step.

Connections

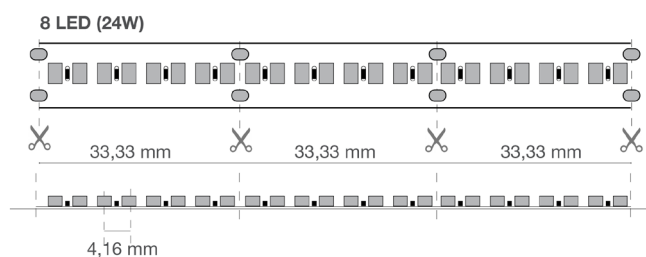
IP20: terminals with free wires.
Maximum connection length 5 m.
For longer connections, connect in series or in parallel, see diagram in Info Tech.
Strips can be cut to size by following the cutting indications printed on the strips.



Characteristic data

Power	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	2200 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
Energy efficiency class	This product contains a light source of energy efficiency class "F"
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	788
Source Flux	2200lm	2	5.47	5.57	197
Fixture Flux	2200lm	3	8.21	8.36	88
Efficacy	92lm/W	4	10.94	11.14	49
954550 I _{max} =358cd/klm	I _{max}	5	13.68	13.93	32

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