



DURASTRIP EXTRALONG 48V IP20

EXTRALONG 48V produced in 50 metre reels allow for installations of great lengths, up to a max of 50m also with chain segments connection, without extra power supplies. With two strips (not connected) and two drivers at opposite ends, light lines of up to 100 metres can be achieved!

EXTRALONG 48V have all the same quality components and construction method as all other strips in the range to obtain real lighting uniformity over the entire length of the strips.

Typology

48V Strip LED.

Installation

Complete with 3M double-sided tape to attach to the surface.

When using double-sided tape degrease the application surface adequately.

Usage information

Dimmable 0-100%

DALI - DMX

Analogue and digital domotic control systems

Push Dali with ZKCDA controllers

CASAMBI compatible

Packaging

Packaged in 50 meters reels.

This product can be customized: consult the catalogue or the sales force for details.

LED

LED 2835SMD

84 LED/m

5.6W/m

48VDC

Ra>90

Lifetime: >50,000h

Warranty: 5 years

Colour of the light

Choice of white colour temperatures.

Binning

ANSI/SDCM: 2 step.

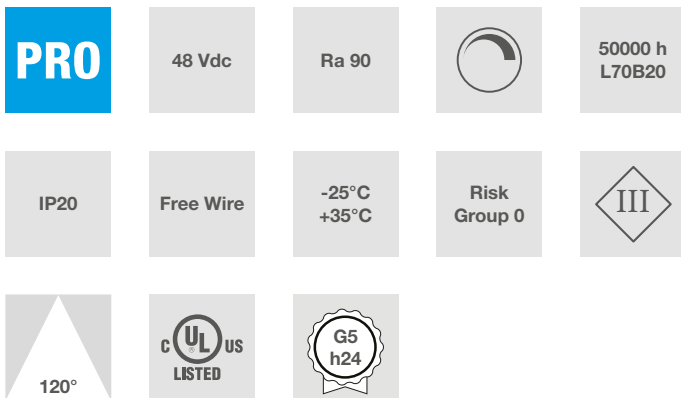
3000K - 4000K

Connections

IP20: terminals with free wires.

Maximum connection length 50 m.

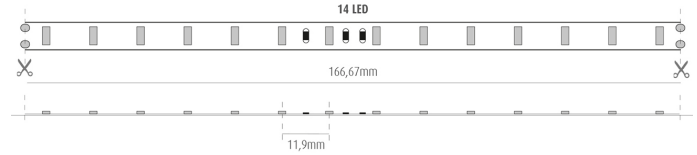
Strips can be cut to size by following the cutting indications printed on the strips.



Characteristic data

Power	225 W	Beam	120°	Dimmable	Yes	Input	48 Vdc
Base	Free Wire	IP	20	Flux	20800 lm	Tc	3000 K
Ra	90	LED Warranty	G5h24	RG	RG0		

Dimensional characteristics



L	50000 mm
L1	12 mm
H	1.7 mm

Cutting pitch	166.67 mm
LED pitch	11.9 mm

Lighting and photometric features

Beam opening	120°
Nominal flux per mt	520 lm/m
Flux	20800 lm
CCT nominal colour temperature	3000 K
Colour of the light	Warm light
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	225 W
Input voltage	48 Vdc
Dimmable	Yes
Energy efficiency class	This product contains a light source of energy efficiency class "F"
Number of cycles	100000
Operating temperature	-25°C / +35°C
Operating position	360°

Photometry

	3000K	H(m)	D(m)	E _{max} (lx)	
	Ra90		117°		
	Fixture Power	6W	1	3.25	164
	Source Flux	520lm	2	6.50	41
	Fixture Flux	520lm	3	9.74	18
	Efficacy	93lm/W	4	12.99	10
	923228 I _{max} =316cd/klm	I _{max}	164cd	5	16.24

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	408 gr
Barcode single item	8011905923228
Minimum order quantity	1
Minimum packaging	1 / 1