DURASTRIP EXTRALONG 48V IP20

Typology
48V Strip LED.

Features
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!

Installation
Complete with 3M double-sided tape to attach to the surface.
When using double-sided tape degrease the application surface adequately.

Packaging
Packaged in 50 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: 2 step.

Connections
IP20: terminals with free wires.
Maximum connection length 50 m.
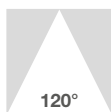Strips can be cut to size by following the cutting indications printed on the strips.
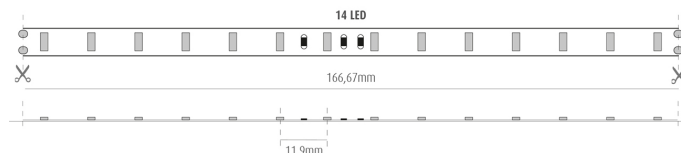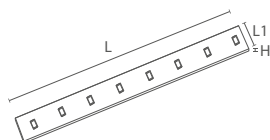
| PRO | 48 Vdc | Ra >90 | | 50000 h L70B20 | IP20 | Free Wire | -25°C +35°C | Risk Group 0 | III |

| 120° | c UL us LISTED | G5 h24 |

Characteristic data

Power	225 W	Beam	120°	Dimmable	Yes	Input	48 Vdc
Base	Free Wire	IP	20	Flux	21400 lm	Tc	4000 K
Ra	>90	LED Warranty	G5h24	RG	RG0		

Dimensional characteristics

14 LED

166,67mm

11,9mm

L	50000 mm
L1	12 mm
H	1.7 mm

Cutting pitch	166.67 mm
LED pitch	11.9 mm

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Lighting and photometric features

Beam opening	120°
Nominal flux per mt	535 lm/m
Flux	21400 lm
CCT nominal colour temperature	4000 K
Colour of the light	Natural 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

4000K		H(m)	D(m)	Emax(lx)
Ra90			117°	
Fixture Power	6W	1	3.25	169
Source Flux	535lm	2	6.50	42
Fixture Flux	535lm	3	9.74	19
Efficacy	96lm/W	4	12.99	11
Imax	169cd	5	16.24	7

923235   Imax=316cd/klm

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. |
|---|---|

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

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Logistics data

Item net weight	3868 gr
Barcode single item	8011905923235
Minimum order quantity	1
Minimum packaging	1 / 1