

DURAstrip TUNABLE CCT IP20

Typology

The colour of the light and emission intensity have a profound influence on people's emotional state, according to Human Centric Lighting principles. Therefore, using tools like the DURAstrip CCT is fundamental as they allow dynamic light management to improve the environment and the feelings of the people who find themselves there, to promote well-being and improve performance. Dynamic light is essential in environments where people remain for a long period of time, such as offices, schools, etc., its use is equally useful to create different atmospheres in the same environment: it allows you to illuminate a restaurant with a vibrant white light at lunch and a softly relaxing light at dinner! DuraStrip CCT offers two white colour temperature variation options: from 1800K to 3500K or from 2700K to 6500K.

Installation

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

Applications

Dynamic light is essential in environments where people remain for a long period of time, such as offices, schools, etc., its use is equally useful to create different atmospheres in the same environment: it allows you to illuminate a restaurant with a vibrant white light at lunch and a softly relaxing light at dinner!

Usage information

Dimmable 0-100%
DALI - DMX
Analog and digital domotic control systems
CASAMBI compatible

Packaging

Packaged in 5 meters reels.
This product can be customized: consult the catalogue or the sales force for details.

Colour of the light

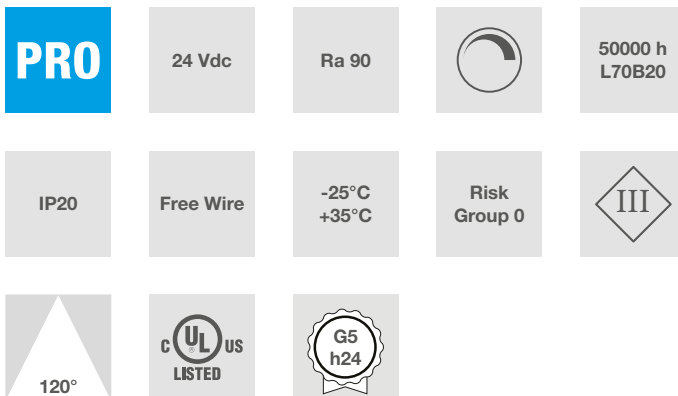
Choice of white colour temperatures:
2700K - 6500K

Binning

ANSI/SDCM: 3 step.

Connections

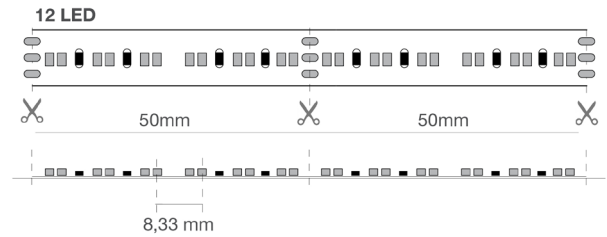
IP20: terminals with free wires.
Maximum connection length 14W/m: 7 m Max 4A.
Strips can be cut to size by following the cutting indications printed on the strips.



Characteristic data

Power	70 W	Beam	120°	Dimmable	Yes	Input	24 Vdc
Base	Free Wire	IP	20	Tc	2700-6500 K	Ra	90
LED Warranty	G5h24	RG	RG0				

Dimensional characteristics



L	5000 mm
L1	10 mm
H	1 mm

Cutting pitch	50 mm
LED pitch	8.33 mm

Lighting and photometric features

Beam opening	120°
Nominal flux per mt	1080 lm/m
CCT nominal colour temperature	2700-6500 K
Colour of the light	CTA
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	70 W
Input voltage	24 Vdc
Dimmable	Yes
Energy efficiency class	This product contains a light source of energy efficiency class "G"
Operating temperature	-25°C / +35°C
Operating position	360°

Photometry

	6500K	H(m)	D(m)	E _{max} (lx)
	Ra90		117°	
Fixture Power	14W	1	3.25	341
Source Flux	1080lm	2	6.50	85
Fixture Flux	1080lm	3	9.74	38
Efficacy	77lm/W	4	12.99	21
950064 I _{max} =316cd/klm	I _{max}	341cd	16.24	14

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	88 gr
Barcode single item	8011905950040
Number of pieces multiple pack	20
Barcode multiple pack	8011905952495
Minimum order quantity	1
Minimum packaging	1 / 20