

## DURASTRIP TUNABLE CCT

### 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!

### Features

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  
Analogue and digital domotic control systems  
CASAMBI compatible

### Power supply

Max current for single power supply: 4A.

### Packaging

Packaged in 5 meters reels.

### LED

24 W/m version: SMD 2835 LEDs  
240 LED/m  
Ra>90  
Lifetime: >50,000h  
Warranty: 5 years  
SDCM from <5 to <6.

### Colour of the light

Choice of white colour temperatures:  
2700K - 6500K

### Connections

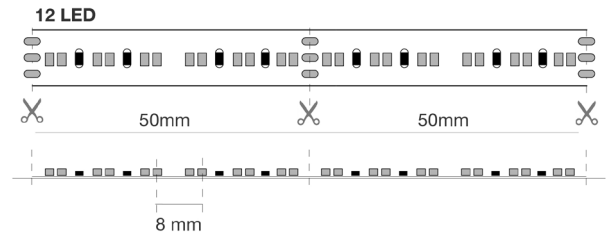
IP20: terminals with free wires on both sides.

<b>PRO</b>	24 Vdc	Ra 90		50000 h L70B50
IP20	Free Wire	-25°C +35°C	Risk Group 1	

### Characteristic data

Power	120 W	Beam	120°	Dimmable	Yes	Input	24 Vdc
Base	Free Wire	IP	20	Tc	2700-6500 K	Ra	90
LED Warranty	G5h24	RG	RG1				

## Dimensional characteristics



L	5000 mm
L1	10 mm
H	1 mm

Cutting pitch	50 mm
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## Lighting and photometric features

Beam opening	120°
Nominal flux per mt	2520 lm/m
CCT nominal colour temperature	2700-6500 K
Colour rendering index	90
Lifespan	50000 h
LED lifespan	L70B50
Trigger time	<0,2 s
Heating time up to 60% of full efficiency	Instant Full Light

## 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

## Photometry

		H(m)	D(m)	E <sub>max</sub> (lx)		
	Ra90		116°			
Fixture Power	24W	1	3.21	852		
Source Flux	2520lm	2	6.42	213		
Fixture Flux	2520lm	3	9.63	95		
Efficacy	105lm/W	4	12.85	53		
353247	I <sub>max</sub> =338cd/klm	I <sub>max</sub>	852cd	5	16.06	34

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	8011905353247
Number of pieces multiple pack	20
Minimum order quantity	20
Minimum packaging	20 / 20