

## DURAstrip FULL SPECTRUM IP68

DURAstrip FULL SPECTRUM means that the white colour of this strip is created by a spectrum that includes all of the colours. Colour rendering is excellent,  $R_a > 95$  but DURAstrip FULL SPECTRUM goes far beyond this figure.

The FULL SPECTRUM is able to reproduce the colours in the environment, returning the vividness of the objects as if they are lit by the sun, in all colour temperatures. To show more clearly and immediately the performance of these strips from the colour rendering point of view, we have provided the values indicated by the TM-30. DURAstrip FULL SPECTRUM is indispensable in environments where the point of colour is very important: art galleries, museums, fabric shops, etc.

### 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% Flicker Free  
DALI - DMX - 1-10  
Analogue and digital domotic control systems  
Push Dali with ZKCOAFF controllers  
CASAMBI compatible

### Packaging

Packaged in 5 meters reels.  
Or custom products cut to specific lengths see page 11, 322.

### LED

LED 2835  
240 LED/m  
70W (14W/m)  
24VDC  
 $R_a > 95$   
Lifetime: >50,000h  
Warranty: 5 years

### Colour of the light

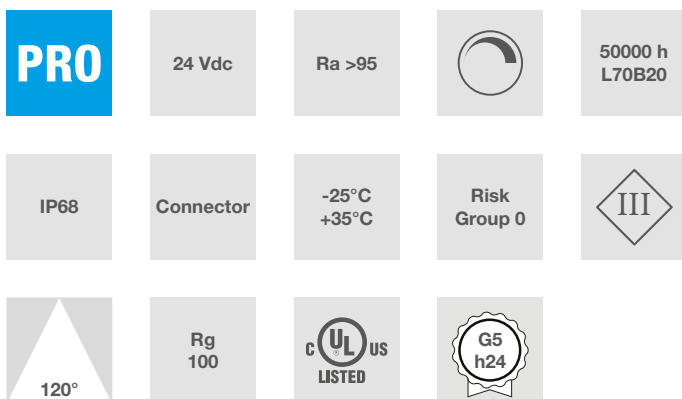
Choice of white colour temperatures.

### Binning

ANSI/SDCM: 2 step.  
2700K - 3000K - 3500K - 4000K - 6000K

### Connections

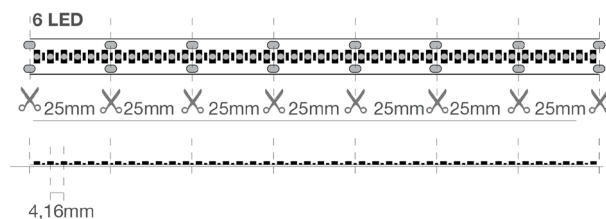
Complete with IP68 / 68 Male/Female wire on 2 sides, length 15 cm. Maximum connection length 5 m. Max 4A. Strips can be cut to size by following the cutting indications printed on the strips.



### Characteristic data

Power	70 W	Beam	120°	Dimmable	Yes	Input	24 Vdc
Base	Connector	IP	68	Tc	3000 K	Ra	>95
LED Warranty	G5h24	RG	RG0				

## Dimensional characteristics



L	5000 mm
L1	12 mm
H	5 mm

Cutting pitch	25 mm
LED pitch	4.16 mm

## Lighting and photometric features

Beam opening	120°
Nominal flux per mt	1235 lm/m
CCT nominal colour temperature	3000 K
Colour of the light	Warm 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	70 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

	3000K	H(m)	D(m)	E <sub>max</sub> (lx)
	Ra95		117°	
Fixture Power	14W	1	3.25	390
Source Flux	1235lm	2	6.50	97
Fixture Flux	1235lm	3	9.74	43
Efficacy	88lm/W	4	12.99	24
950002 I <sub>max</sub> =316cd/klm	I <sub>max</sub>	390cd	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	435 gr
Barcode single item	8011905950002
Number of pieces multiple pack	20
Barcode multiple pack	8011905952785
Minimum order quantity	20
Minimum packaging	20 / 20