



## DURASTRIP RGB + WHITE IP68

RGBW DURASTRIP, RGB colours along with a shade of warm white. Introducing a white spectrum the saturated RGB tones are “intensified” and the nuances that can be obtained increase: at the same time white can be enriched with RGB colours to obtain surprising pastel tones. RGBW offer the possibility to obtain a “real” white in the indicated tone, 2700K or 3000K and not a white obtained by overlapping red-green-blue, i.e. the one produced by RGB strips. White emission from the LED quad is more efficient than coloured LED sources which means RGBW strips are more high performance and suitable for professional uses. They can be interfaced with special 4 channel controllers, Code ZKCDMXW to obtain all required tones in a continuous way.

### Installation

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

### Usage information

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

### Power supply

Full power RGB+ White = 47W; only white = 28W; only RGB = 19W.

### Packaging

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

### Notes

Different LED packaging technology with this strip with 4-in-1 CHIP that makes it possible to obtain an unrivalled uniform light output. A perfect colour mix.

### LED

LED 5050RGB 4-in-1  
IP68 75W (15W/m)  
IP20 75W (15W/m)  
LED 5050RGB  
IP68 47W (10W/m)  
24VDC  
Lifetime: >30,000h  
Warranty: 3 years

### Colour of the light

RGB + 2700K  
RGB + 3000K

### Connections

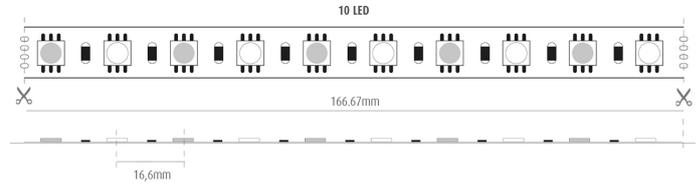
Complete with a 15 cm long IP65/68 M/F cable on 2 sides.  
Maximum connection length 5 m. Max 4A in total.  
For longer connections, connect in series or parallel, see diagram.  
Strips can be cut to size by following the cutting indications printed on the strips.  
For IP65/IP68 strips, restore the IP protection after cutting.

<b>PRO</b>	24 Vdc		30000 h L70B20	IP68
Connector	-25°C +35°C	Risk Group 0	 120°	

### Characteristic data

Power	47 W	Beam	120°	Dimmable	Yes	Input	24 Vdc
Base	Connector	IP	68	Flux	1820 lm	Tc	3000K + RGB
LED Warranty	G3	RG	RG0				

## Dimensional characteristics



L	5000 mm
L1	14.2 mm
H	4.2 mm

Cutting pitch	166.6 mm
LED pitch	16.6 mm

## Lighting and photometric features

Beam opening	120°
Flux	1820 lm
CCT nominal colour temperature	3000K + RGB
Colour of the light	RGB+White
Lifespan	30000 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	47 W
Input voltage	24 Vdc
Dimmable	Yes
Number of cycles	100000
Operating temperature	-25°C / +35°C
Operating position	360°

## Photometry

	3000K	H(m)	D(m)	E <sub>max</sub> (lx)
	Ra85		121°	
Fixture Power	6W	1	3.57	115
Source Flux	364lm	2	7.13	29
Fixture Flux	364lm	3	10.70	13
Efficacy	66lm/W	4	14.27	7
07372RGBW I <sub>max</sub> =317cd/klm	I <sub>max</sub>	115cd	17.83	5

EuLumDat file on the site

## LED Warranty

G3	Up to 3 years (4000h/year) *4000h = 11h a day x 365 days. 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	135 gr
Barcode single item	8011905838904
Number of pieces multiple pack	15
Barcode multiple pack	8011905784188