

DURAstrip ULTRA HD RGB IP65

The most powerful RGB strip in the range, 240 LED/m, 3 in 1 3535RGB. This new generation chip is very compact: this allows for optimization of heat and increases the lifespan ensuring colour stability over time. From a lighting point of view it provides excellent performance in terms of luminous efficiency: ULTRA RGB contributes to meeting the needs of installations that require a decorative impact and applications that demand a strong light supply with high emission uniformity in the best way.

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
DMX with ZKCDMXWFF, ZKCDMX-RFF controller
Analogue and digital domotic control systems
CASAMBI compatible

Packaging

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

LED

LED 3535RGB
R=615-625nm; G=520-530nm; B=465-475nm;
240 LED/m
70W (14W/m)
24VDC
Lifetime: >50,000h
Warranty: 5 years

Colour of the light

RGB

Connections

Complete with IP65 / 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.



24 Vdc



50000 h
L70B20

IP65

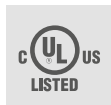
Connector

-25°C
+35°C

Risk
Group 0



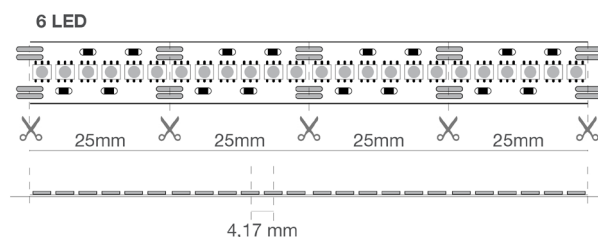
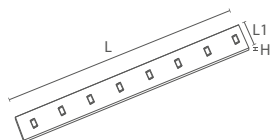
120°



Characteristic data

Power	70 W	Beam	120°	Dimmable	Yes	Input	24 Vdc
Base	Connector	IP	65	LED Warranty	G5h24	RG	RG0

Dimensional characteristics



L	5000 mm
L1	14 mm
H	4 mm

Cutting pitch	25 mm
LED pitch	4.17 mm

Lighting and photometric features

Beam opening	120°
Colour of the light	RGB
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
Number of cycles	100000
Operating temperature	-25°C / +35°C
Operating position	360°

Photometry

		H(m)	D(m)	E _{max} (lx)
			121°	
Fixture Power	14W	1	3.57	196
Source Flux	620lm	2	7.13	49
Fixture Flux	620lm	3	10.70	22
Efficacy	43lm/W	4	14.27	12
Imax	196cd	5	17.83	8

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	8011905953058
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