hitechled®
DIFFERENT LIGHTING

HS12 RGB is a flexible LED strip, very thin and suitable for luminous decoration and light effects like fading and color sequences if additioned to Hitechled Controller HC100 RGB.
This product is available with 2 different IP levels protection: Naked IP30 and Drop silicone IP52.
The product it very robust and reliable moreover It is subdivisible.

Applications

- Linear light decoration
- Architectural application
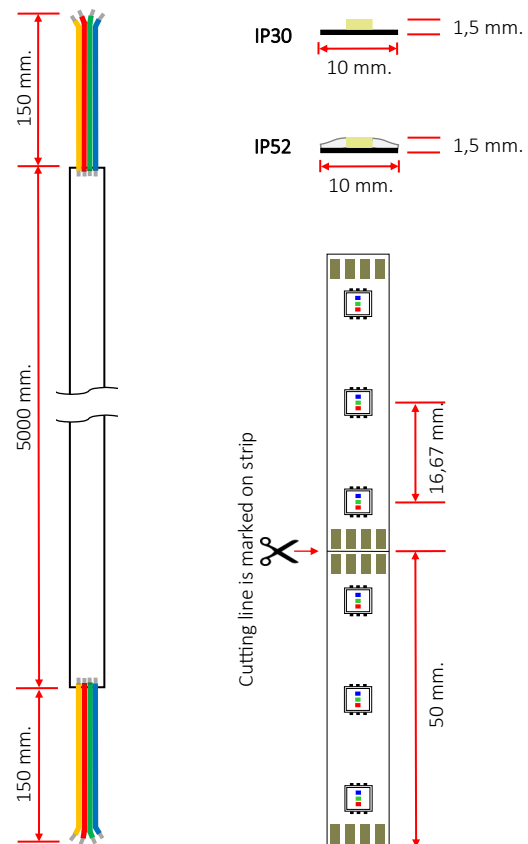- Decorative luminous application
- Signage application

Benefits

- colori brillanti e calibrati per ottenere il bianco
- Excellent luminous efficiency
- Long life
- High quality 3M 300LSE adhesive

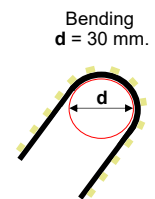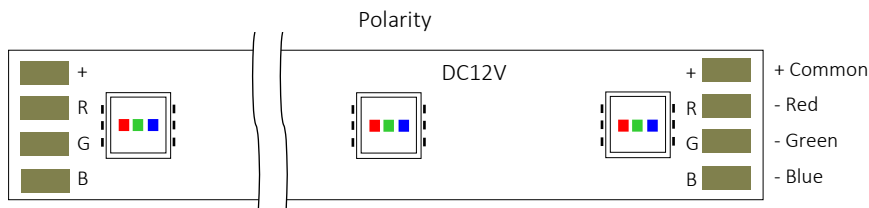| Model	Color	LED Luminous Flux
HS12N-60RGB12	RGB	RED 10 Lm , Green 18 Lm, Blue 6 Lm
HS12S-60RGB12	RGB	RED 10 Lm , Green 18 Lm, Blue 6 Lm

HS9 Generic Features

Nominal Voltage	DC 12V
Nominal Power	12W/m.
Length	5.000 mm.
LED quantity	60 LED/m.
LED Pitch	16,67 mm.
LED tube subdivision	50 mm. (3 LEDs)
IP Class	See Models
Operating Temperature Range	-30 C° ~ +50 C°
Storage Temperature Range	-0 C° ~ +40 C°
Storage Environment Humidity	RH < 60%
Cable length (20AWG)	150 mm.
Viewing Angle	120°
Life Time (temperature at T_c = 75 °C)	50.000h
Consistent white light	< 3 SDCM
N. LED Profile per pack	1
Warranty	2 Years *

*See terms and conditions

CE

50.000

2 WARRANTY Years

12 VDC Voltage

IP30 10 mm. 1,5 mm.

IP52 10 mm. 1,5 mm.

150 mm.

5000 mm.

150 mm.

Cutting line is marked on strip

16,67 mm.

50 mm.

Coding and thecnical informations

Model	Code	IP Class	Voltage Range	Accidental reverse input voltage protection up to:
HS12N-60RGB12	HTL 000397	IP30	11,5...12,5 VDC	12,5 VDC
HS12S-60RGB12	HTL 000398	IP52	11,5...12,5 VDC	12,5 VDC

Polarity

+
R
G
B

DC12V

+
R
G
B

+ Common
- Red
- Green
- Blue

Bending
d = 30 mm.

d

Accessories

Model	Code	Description
HC100 RGB	HCT 000015	RGB Controller with remote control

NOTE:
1. This product cannot be installed in direct exposure to sunlight.
2. The IP 67 protection level is guaranteed only on the uncut product, but as a factory original.
3. Do not cover the LEDs with any type of conformal coating products in order not to contaminate the phosphors and therefore not to affect the life of the product.

The product comply with the following European Standard

✓	EN 62471: 2008	Photobiological safety of lamps and lamp systems
✓	EN 62031: 2008+A1: 2013	LED modules for general lighting, Safety specifications
✓	RoHS2 2011/65/UE	Restriction in the use of hazardous substances in electrical and electronic equipment

March 2020 - Rev.0

📞 +39 0422 895477   ✉ info@hitechled.it   🖥 hitechled.it
HITECHLED s.r.l. | Via Galileo Galilei 31 - 31048 S. Biagio di Callalta (TV) Italy