LEDsGO®

13-2000120RGB - LEDFLEX IN 11W/m RGB 5m
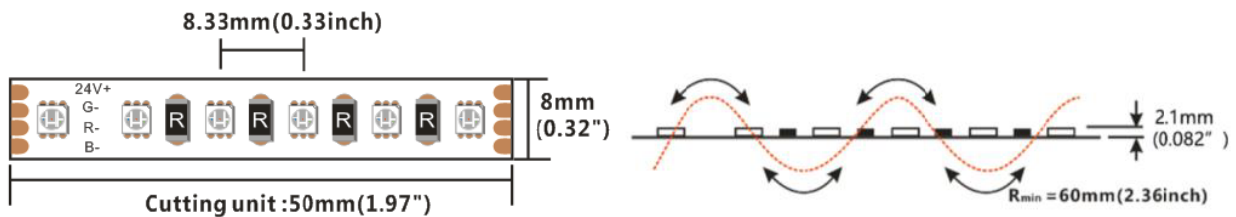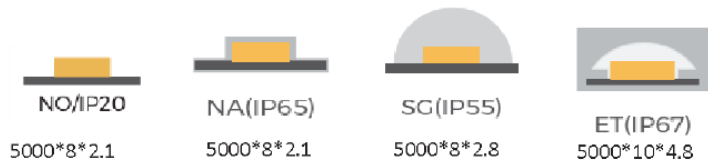
13-6500120RGB - LEDFLEX OUT 11W/m RGB 5m

Product Features

- RGB colorful strip
- Widely adaptable to all types of controllers
- High quality FPC, high thermal 3M adhesive
- Ta: -25~40°C; Tc: 75°C max
- 3 years warranty

1. Dimension

Max.length :   5000mm(16.4')
Cutting unit: 50mm/6leds
LED pitch: 8.33mm(0.33")
Min. bend diameter: Φ60mm(2.36inch)
Mounting :   3M tape
IP :   IP20

NO/IP20
5000*8*2.1

NA(IP65)
5000*8*2.1

SG(IP55)
5000*8*2.8

ET(IP67)
5000*10*4.8

CE RoHS ISO 9001

8.33mm(0.33inch)

24V+
G-
R-
B-

8mm (0.32")

Cutting unit :50mm(1.97")

2.1mm (0.082")

R_min =60mm(2.36inch)

2. Electronic & output data

Input voltage: 24VDC

Rated current: 0.42A/1m; 1.9A/5m

Typical Power: 10W/1m(3.05W/FT); 45.6W/5

Power range: 9.1~11W

Max.power: 11W(3.35W/FT);

CRI: RGB

On-off times: 10000（test times）

Copper fiol: 2oz

Color	RGB	R	G	B
wavelength	/	625nm	525nm	470nm
Lumen	430	81	287	65
Lm/W	43	21	88	21
Energy efficiency class	/	/	/	/

1.The tolerance of output data can be vary up to 10%
2.the output data tested according to IES LM-79-08
3.the output data is based on IP20/1merter
4.IP protection process leads changes to size, CCT and luminous flux
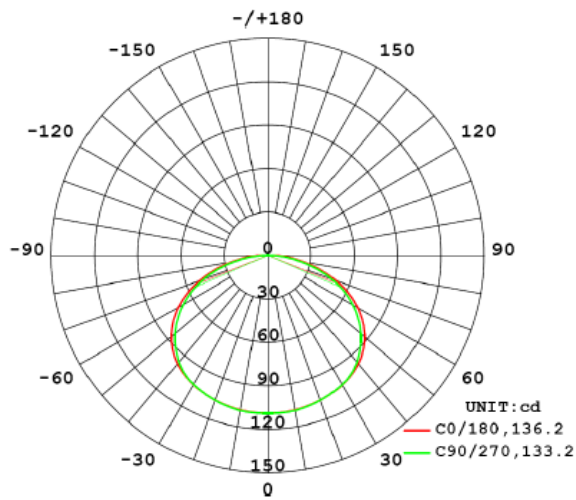
Height	Eavg,Emax	Angle:131.29deg	Diameter
1m	20.86,109.11x		441.80cm
2m	5.215,27.201x		883.60cm
3m	2.318,12.131x		1325.40cm
4m	1.304,6.8211x		1767.19cm
5m	0.8343,4.3651x		2208.99cm
6m	0.5794,3.0311x		2650.79cm
7m	0.4257,2.2271x		3092.59cm
8m	0.3259,1.7051x		3534.39cm
9m	0.2575,1.3471x		3976.19cm
10m	0.2086,1.0911x		4417.99cm

3. Power Supply

This LEDFlex has a power of 10W/m. The following table shows how many meters LEDFlex you can connect to one power supply.

rated power	Power supply 35W 24V	Power supply 60W 24V	Power supply 100W 24V	Power supply 150W 24V	Power supply 240W 24V	Power supply 320W 24V
LEDFlex 10W/m	2,8m	4,8m	8m	12m	19,2m	25,6m

4. Package:

5m/Reel
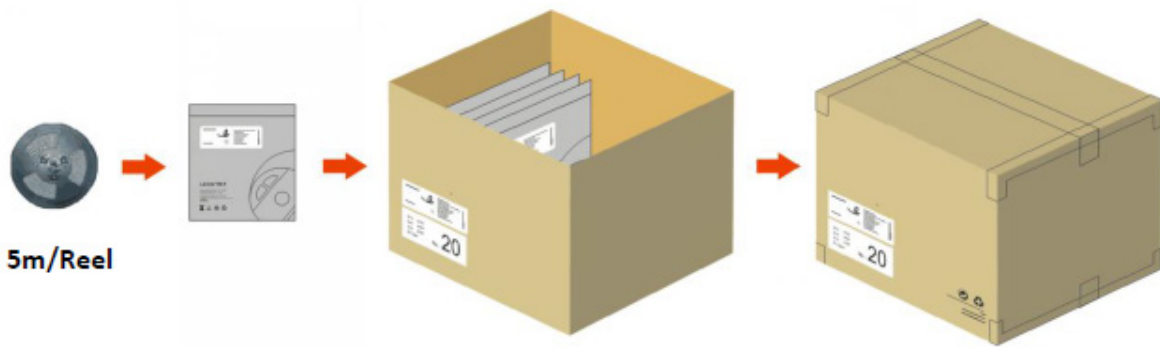
- 20 mounting brackets are also inculded in the package.

5. Precautions:

※Please drive the led strip with 24VDC isolated power, and the ripple of the constant voltage source should be less than 5%.

※ Please do not bend the strip into an arc with a diameter less than 60mm to ensure the longevity and reliability.

※Do not fold it in case any damage of LED beads.

※Do not pull the power wire hard to ensure the longevity. Any Crash may damage the LED light is prohibited.

※Please make sure the wire is connected to the anode and cathode correctly. The power output should be consistent with the voltage of the strip to avoid damage.

※LED lights should be stored in dry, sealed environment. Please only unpack it before usage. Ambient temperature: -20 ℃ ～ + 40 ℃.Storage temperature: -0 ℃ ～ + 60 ℃.Please use the strips without waterproof within indoor environment with humidity less than 70%.

※Please be careful during operation. Do not touch the AC power supply in case of electric shock.

※Please leave at least 20% power for the power supply during using to ensure there is enough power supply to drive the product.

※Do not use any acid or alkaline adhesives to fix the product (e.g.: glass cement).