

Dedicated light source Specification

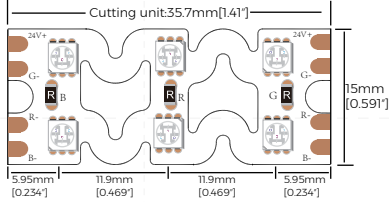
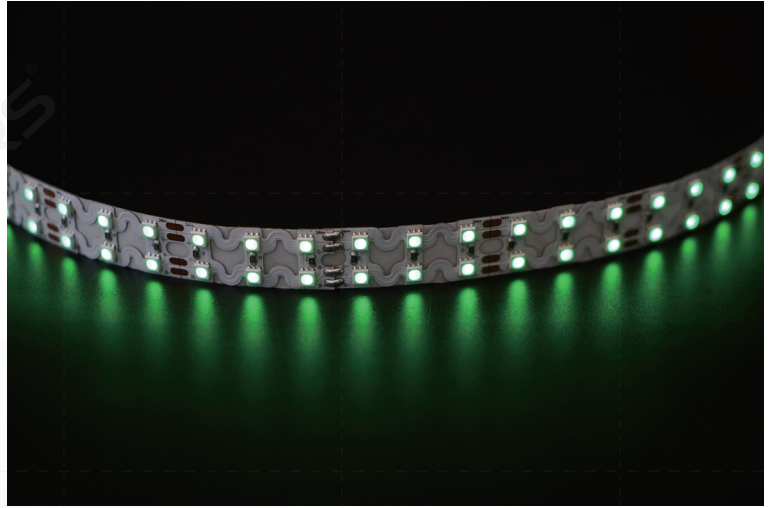
DA168RGB

24V-15mm



【General description】

- RGB colorful strip
- Widely adaptable to all types of controllers
- High quality FPC, high thermal 3M adhesive
- Easy to bend, suitable for curved profiles of various angles.
- Ta: -20~45°C; Tc: 60°C (max)



【Dimension】

Input voltage: DC 24V

Max.power: 22W(1m)

Power range: 18-22W(1m)

Rated current: 0.83A(1m) 3.64A(5m)

Typical power: 20W(1m) 87W(5m)

Tape IP: IP20

On-off times: 10000 (test times)

Warranty: 3 years

Max.length: 5000mm[16.4"]

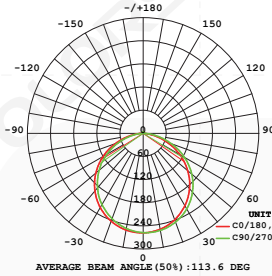
Cutting unit: 6leds/35.7mm[1.41"]

LED pitch: 11.9mm[0.469"]

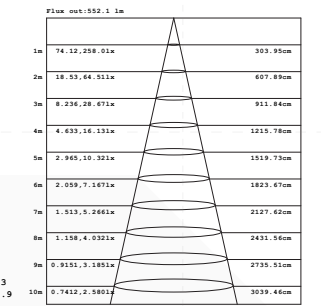
Min.bend diameter: Φ 60mm[2.36"]

Mounting: 3M tape

Copper foil: 3oz



luminous intensity distribution diagram



AAI Figure

【Photo-electric Parameters】

CRI	Color	CCT	Lumen (lm/m)	Lumen (lm/ft)	lm/W
/	R	620-625nm	157	48	22.5
/	G	520-525nm	522	159	73.8
/	B	455-470nm	124	38	16.5
/	RGB	/	756	230	36.2

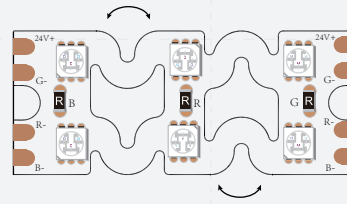
Note:

1. The tolerance of output data can be vary up to 15%.
2. The output data tested according to IES TM-30-15.
3. The output data is based on IP20/lm/merter

[Product mechanical data]

- Bending angle: $0^\circ < \theta < 10^\circ$
- Min. bend diameter: $\phi 60\text{mm}$ [2.36"]

- Horizontal bending: $D_{\text{min}} \geq 320\text{mm}$

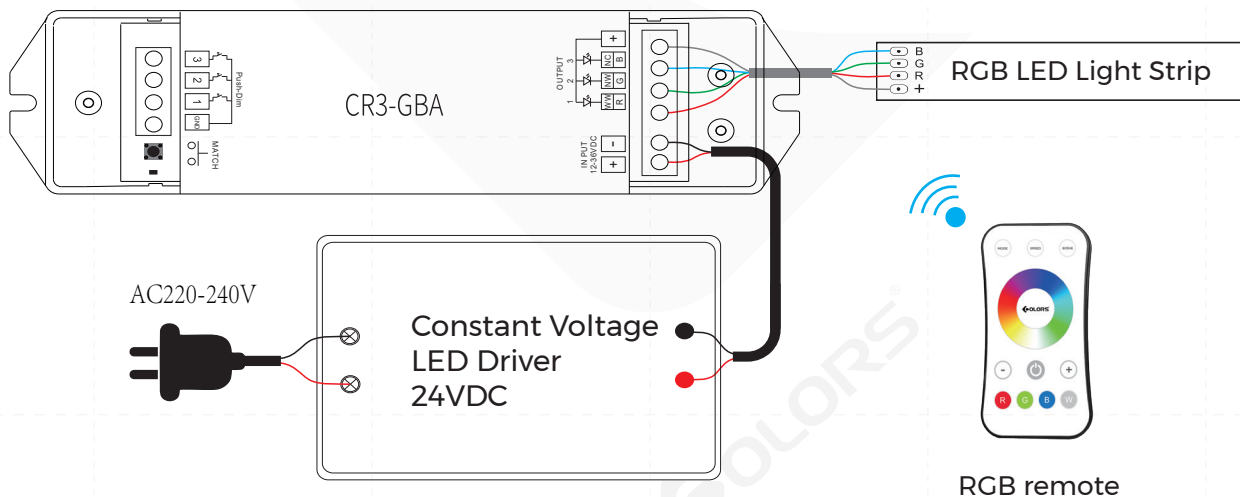


[Accessories Information]

- Controller & Power Supply

Name	Image	Order Code	Product number	Specifications	Applicable Products
RGB control receiver		402-01-000000-00003	CR3-GBA	Input voltage: 24VDC Max load current: 6A*3CH, Max 18A Max load power: 432W@24V Operating temperature: -30°C-55°C Product Size: L175*W45*H27mm [L6.89"*W1.772"*H1.063"]	RGBW light strip (Use with CK4-GBA)
RGBW Remote		402-02-000000-00003	CK4-GBA	Operating Voltage: 3VDC Working frequency: 2.4GHz Remote control distance: 30m[98.4'] Operating temperature: -30°C-55°C Product Size: L107*W58.5*H9mm [L4.21"*W2.3"*H0.35"]	RGBW light strip (Use with CR3-GBA)
DC24V Constant voltage Driver		22-01-00-0374	BN-V24-100P-V1	Input Voltage: AC200-240V 50/60Hz Output voltage: 24VDC Power: 0-100W Output Current: 0-4.17A PF: ≥ 0.95 Efficiency: 0.91 Certification: CE/CB Product Size: L365*W30*H18mm [L14.37"*W1.18"*H0.71"]	DC24V light strip DC24V control receiver

- Wiring diagram

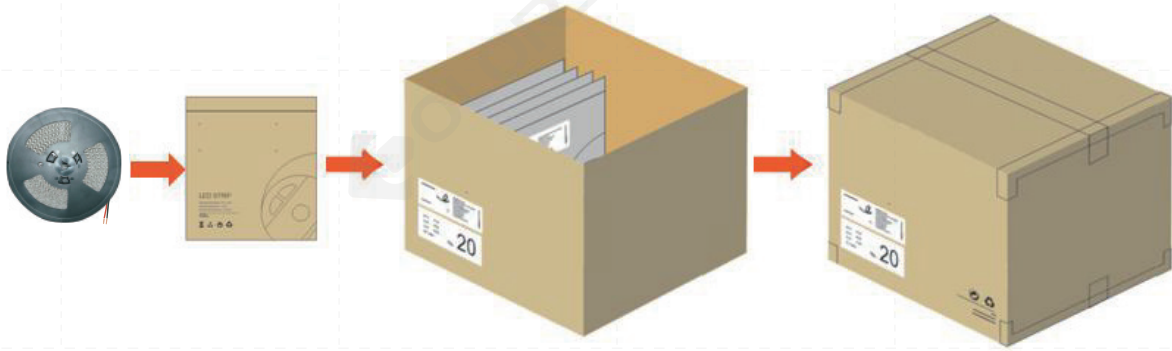


[Application]



DREAM BIG
SING, LAUGH, DANCE
ALWAYS TRY YOUR BEST
HUG OFTEN
WORK HARD BUT PLAY HARDER
RESPECT OTHERS
SMILE
SAY PLEASE AND THANK YOU
BE SWEET
SAY I LOVE YOU
AIM FOR THE STARS

[Packing]



IP Process	Product size(mm)	Product quantity (m/reel)	Product quantity (m/case)	NW (kg)	NW /carton/ (kg)	GW (kg)	Package size (cm)
NO	5000*15*1.5	5	150	0.18	5.4	6.5	41*41*26

Remark:

- 1、 The net weight of the product refers to measurement results of 0.5m wire-out. For every 1m wire-out increase, the weight is increased by 0.05kg
- 2、 Data with 10% tolerance

[Precautions]

- Please drive the led strip with 24VDC isolated power.
- 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 C ~45 C. Storage temperature: 0 C ~60 C. Please use the strips without waterproof within indoor environment with humidity less than 60%.
- 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).