

Dedicated light source Specification

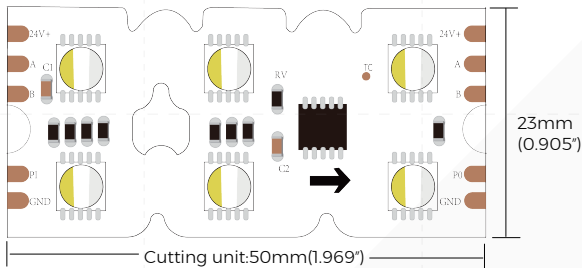
DM5120

24V-23mm



【General description】

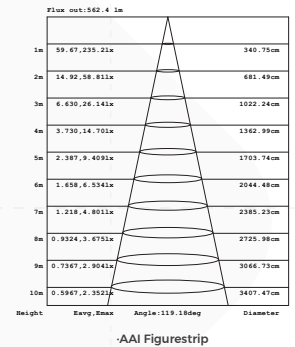
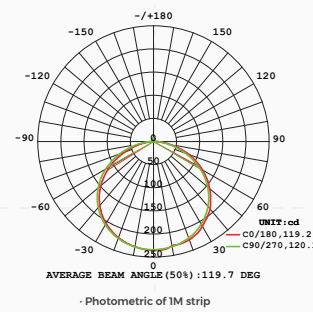
- RGBW(DMX) colorful strip.
- Suitable for CS50xx/CS70xx/CE5035/CE7035.
- High quality FPC, high thermal 3M adhesive.
- Easy to bend, suitable for curved profiles of various angles.
- Ta: -25~40°C; Tc: 75°C(max)
- 5 years warranty.



【Dimension-5M/REEL】

Input voltage: DC24V
 CRI: 80@white light
 Max.power: 15.8W/M
 Power range: 12.9 ~ 15.8W(1m)
 Rated current: 0.6A(1m) / 3A(5m)
 Typical Power: 14.4W(1m) / 72W(5m)
 tape IP: IP20

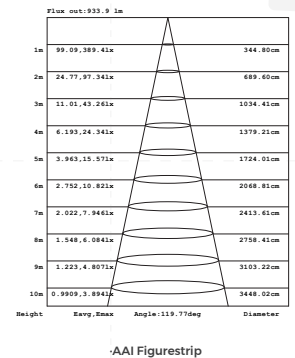
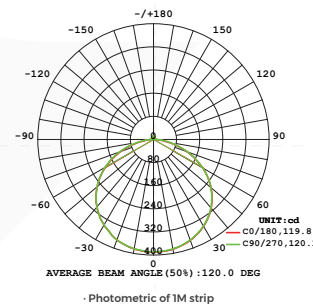
Max.length: 5000mm(16.4')
 Cutting unit: 6leds/50mm(1.969")
 LED pitch: 16.66mm(0.65")
 Min. bend diameter: Φ 60mm(2.36")
 Mounting: 3M tape
 Copper foil: 3oz
 Warranty: 3 years



【Dimension-4M/REEL】

Input voltage: DC24V
 CRI: 80@white light
 Max.power: 26.4W/M
 Power range: 21.6 ~ 26.4W(1m)
 Rated current: 1A(1m) / 4A(4m)
 Typical Power: 24W(1m) / 96W(4m)
 tape IP: IP20

Max.length: 4000mm(13.12')
 Cutting unit: 6leds/50mm(1.969")
 LED pitch: 16.66mm(0.65")
 Min. bend diameter: Φ 60mm(2.36")
 Mounting: 3M tape
 Copper foil: 3oz
 Warranty: 3 years



【Photo-electric Parameters】

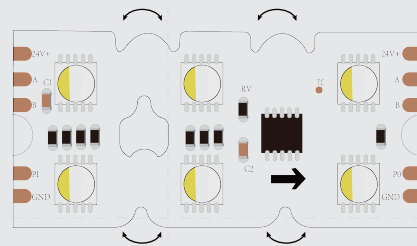
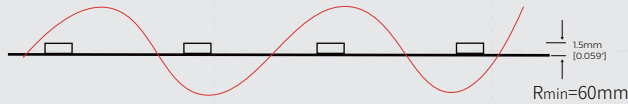
CRI	Color	CCT	Lumen (lm/m)	Lumen (lm/ft)	lm/W
Ra=0(14.4W)	R	R:620-630nm	80	24	12
Ra=0(14.4W)	G	G:520-530nm	350	107	50
Ra=0(14.4W)	B	B:460-470nm	80	24	12
Ra>80(14.4W)	RGBSW	RGB(DMX)+2700K	720	220	50
Ra>80(14.4W)	RGBWW	RGB(DMX)+3000K	750	229	53
Ra>80(14.4W)	RGBNW	RGB(DMX)+4000K	800	244	55
Ra>80(14.4W)	RGBW	RGB(DMX)+6000K	800	244	55
Ra=0(24W)	R	R:620-630nm	145	44	16
Ra=0(24W)	G	G:520-530nm	560	171	60
Ra=0(24W)	B	B:460-470nm	130	40	14
Ra>80(24W)	RGBSW	RGB(DMX)+2700K	1200	366	50
Ra>80(24W)	RGBWW	RGB(DMX)+3000K	1270	387	53
Ra>80(24W)	RGBNW	RGB(DMX)+4000K	1320	402	55
Ra>80(24W)	RGBW	RGB(DMX)+6000K	1320	402	55

- 1.The tolerance of output data can be vary up to 10%.
- 2.the output data tested according to the spectrum test report.
- 3.the output data is based on IP20/1 merter.

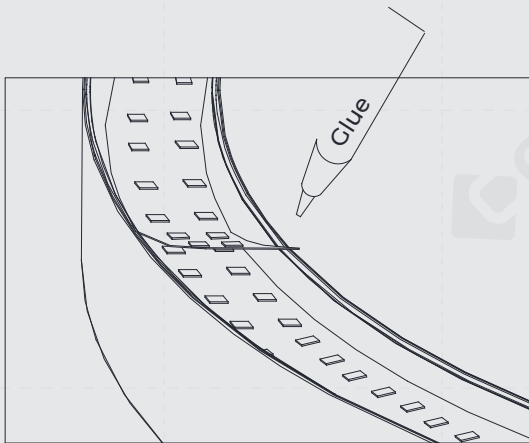
【Product mechanical data】

·Bending angle: $0^\circ < \theta < 10^\circ$

·Min.bend diameter: $\phi 60\text{mm}[2.36"]$

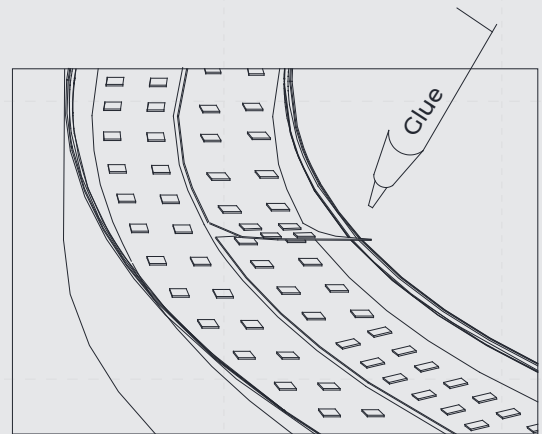


【Recommendations for use】



For the width of profile: 50mm

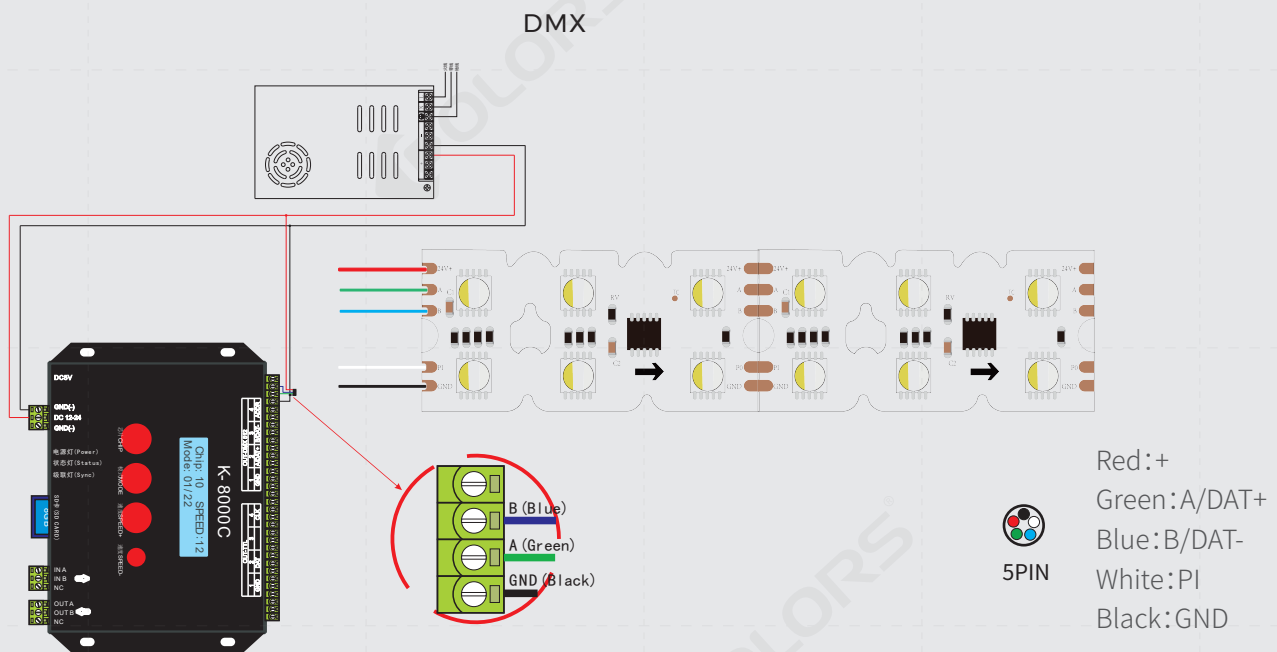
Stick single row light strip: 24W/M, 4M/REEL





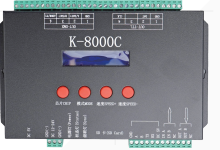
For the width of profile: 70mm

Stick two strips side by side: 14.4W/M, 5M/REEL

【Product Wiring Schematic】



[Accessories Information]

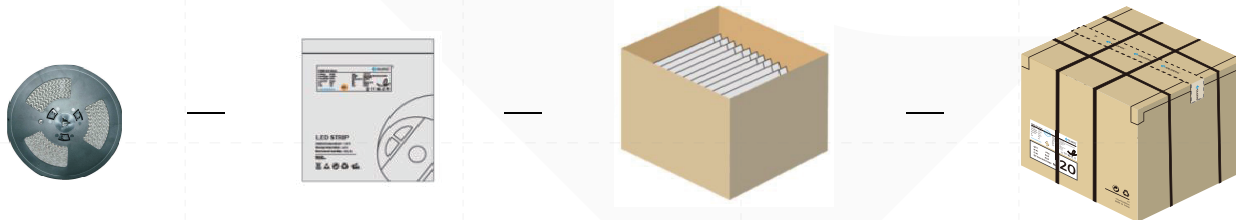
Name	Picture	model	Description
		LF-GHYXH24	Dimming mode: Non-Dimming Size: 316*30.7*22.8/361*33.1*22.8mm Input voltage: AC220-240V Operating frequency: 50/60Hz PF value: ≥0.9 Output voltage: DC24V Output current: ≤4.25A/≤10A Power: 100W/240W Efficiency: 0.92 Certification: ENEC,CE,CB,RCM,UKCA,MM,CCC Case material:Plastic
		K-1000C	Input voltage: 5-24V Control Pixel Points:Point Control 1CH*1024(SPI), Point Control 1CH*512(DMX) Dimming mode:DMX/SPI control IP:IP20 Warranty: 5 years
		K-8000C	Input Voltage: 5-24V Control Pixel Points:Point Control 8CH*1024(SPI), Point Control 8CH*512(DMX) Dimming mode:DMX/SPI control IP:IP20 Warranty: 5 years

[Packing]

Colors brand package



General customized package



IP Process	Product size(mm)	Product quantity (m/reel)	Product quantity (m/case)	Product net weight(kg)	Net weight per box(kg)	Gross weight(kg)	Package size (cm)
NO	5000*23*1.5	5	100	0.3	6	7.1	41*41*26
NO	4000*23*1.5	4	80	0.25	5	6.3	41*41*26

Remark: data with 10% tolerance

【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: -40°C~85°C. Storage temperature: 0°C~85°C.
- 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).