

Dedicated light source Specification

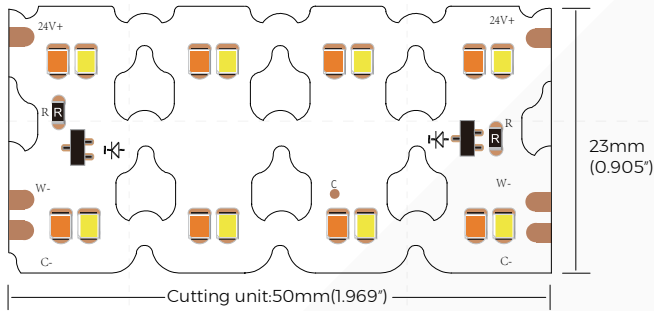
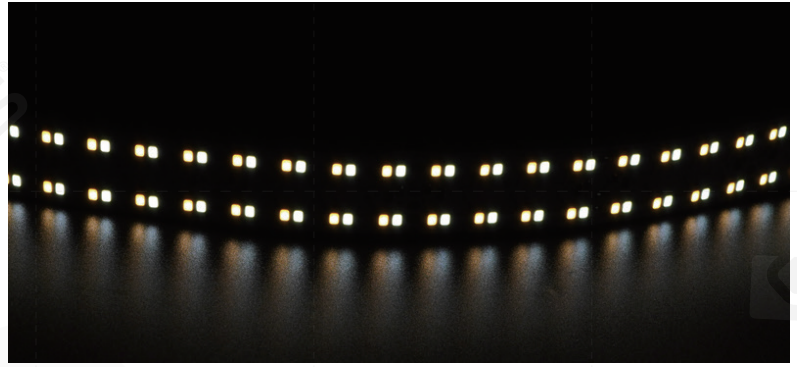
DS8320

24V-23mm



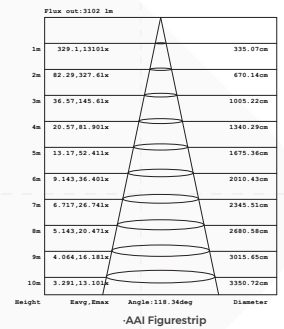
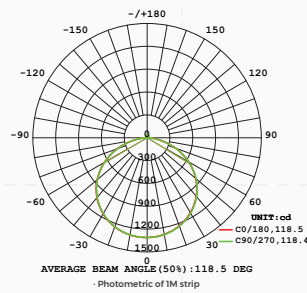
【General description】

- LUMILED 2835LED ,SCDM<3.
- Suitable for CS50xx/CS70xx.
- 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.



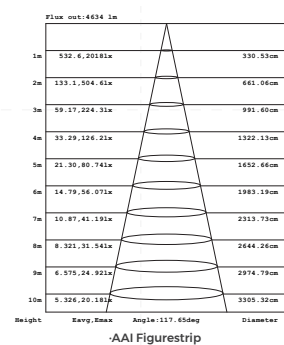
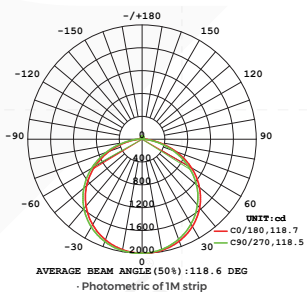
【Dimension-4M/REEL】

- Input voltage: DC24V
 CRI: 80&90
 Max.power: 31.7W/M
 Power range: 25.9~31.7W(1m)
 Rated current: 1.2A(1m) / 4.8A(4m)
 Typical Power: 28.8W(1m) / 115W(4m)
 tape IP: IP20
 On-off times: 10000 (test times)
 Warranty: 5 years
- Max.length: 4000mm(13.12')
 Cutting unit: 16leds/50mm(1.969")
 LED pitch: 12.5mm(0.49")
 Min. bend diameter: Φ 60mm(2.36")
 Mounting: 3M tape
 Copper foil: 3oz



【Dimension-3M/REEL】

- Input voltage: DC24V
 CRI: 80&90
 Max.power: 52.8W/M
 Power range: 43.2~52.8W(1m)
 Rated current: 2A(1m) / 6A(3m)
 Typical Power: 48W(1m) / 144W(3m)
 tape IP: IP20
 On-off times: 10000 (test times)
 Warranty: 5 years
- Max.length: 3000mm(9.84')
 Cutting unit: 16leds/50mm(1.969")
 LED pitch: 12.5mm(0.49")
 Min. bend diameter: Φ 60mm(2.36")
 Mounting: 3M tape
 Copper foil: 3oz



【Photo-electric Parameters】

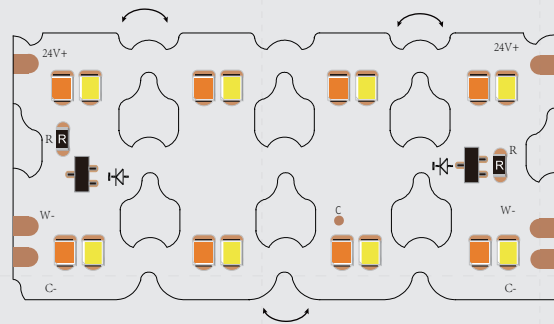
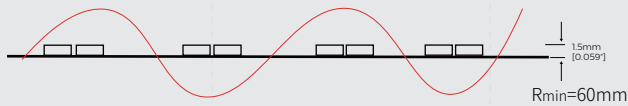
CRI	Color	CCT	Lumen (lm/m)	Lumen (lm/ft)	lm/W
Ra>80(14.4W)	SW	2700K	1944	592	135
Ra>80(14.4W)	W	6500K	2131	649	148
Ra>80(28.8W)	SWW	2700-6500K	/	/	134-149
Ra>90(14.4W)	SW	2700K	1671	509	116
Ra>90(14.4W)	W	6500K	1811	552	125
Ra>90(28.8W)	SWW	2700-6500K	/	/	116-126
Ra>80(24W)	SW	2700K	3240	987	135
Ra>80(24W)	W	6500K	3408	1039	142
Ra>80(48W)	SWW	2700-6500K	/	/	135-143
Ra>90(24W)	SW	2700K	2786	849	116
Ra>90(24W)	W	6500K	2930	893	122
Ra>90(48W)	SWW	2700-6500K	/	/	116-123

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

【Product mechanical data】

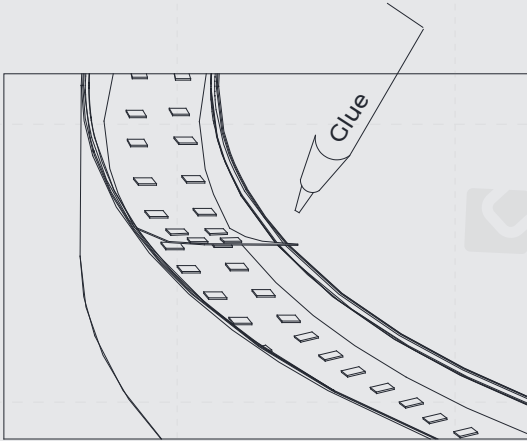
·Bending angle: $0^\circ < \theta < 10^\circ$

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



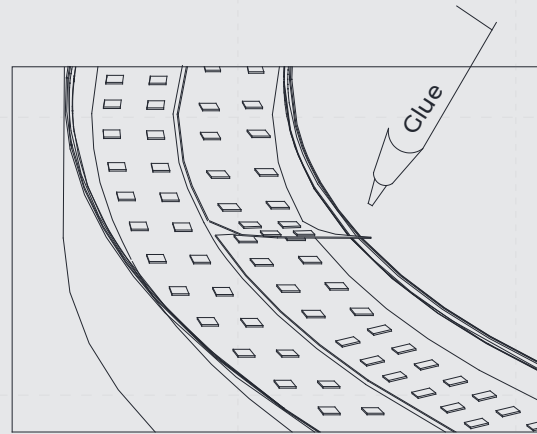
· Horizontal bending: $D_{\text{min}} \geq 320\text{mm}$

【Recommendations for use】



For the width of profile: 50mm

Stick single row light strip: 48W/M, 3M/REEL

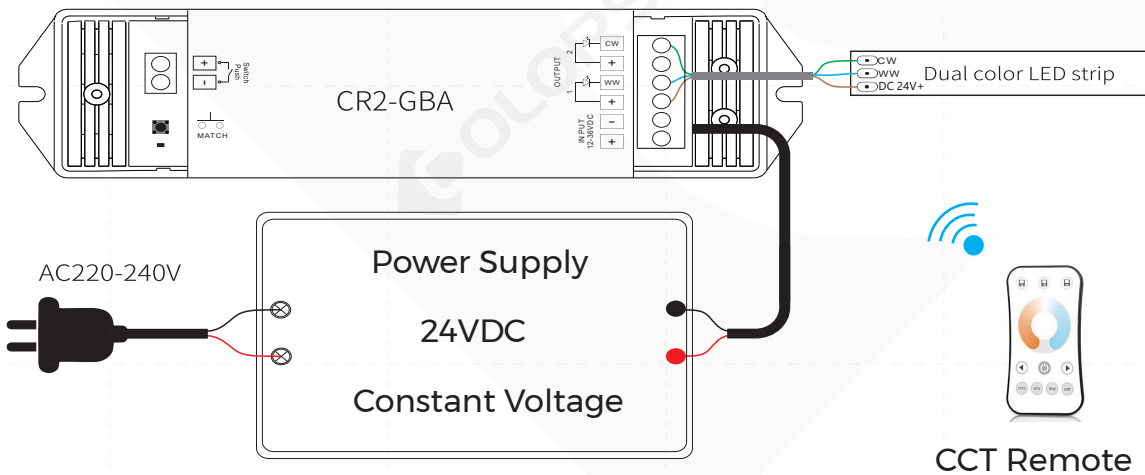


For the width of profile: 70mm

Stick two strips side by side: 28.8W/M, 4M/REEL

【Accessories Information】

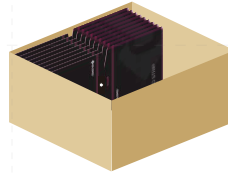
·Wiring diagram



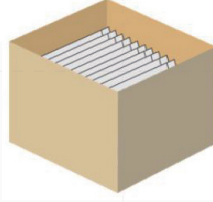
Name	Picture	model	Description
		LF-GHY100H24	Dimming mode: Non-Dimming Size: 316*30.7*22.8mm Input voltage: AC220-240V Operating frequency: 50/60Hz PF value: ≥0.9 Output voltage: DC24V Output current: ≤4.25A Power: 100W Efficiency: 0.92 Certification: ENEC,CE,CB,RCM,UKCA,MM,CCC Case material:Plastic
		LF-GHY240H24	Dimming mode: Non-Dimming Size: 361*33.1*22.8mm Input voltage: AC220-240V Operating frequency: 50/60Hz PF value: ≥0.9 Output voltage: DC24V Output current: ≤10A Power: 240W Efficiency: 0.92 Certification: ENEC,CE,CB,RCM,UKCA,MM,CCC Case material:Plastic
		BK-MGV100-24V0M	Dimming mode: 1-10V Dimming Size: 355*30*21mm Input voltage: AC200-240V Operating frequency: 50/60Hz PF value: ≥0.9 Output voltage: DC24V Output current: ≤4.2A Power: 100W Efficiency: 0.92 Certification: TUV, CE, RCM Case material: Metal housing
		BK-MEV200-24V0M	Dimming mode: 1-10V Dimming Size: 321.5*48*30mm Input voltage: AC200-240V Operating frequency: 50/60Hz PF value: ≥0.9 Output voltage: DC24V Output current: ≤8.3A Power: 200W Efficiency: 0.93 Certification: CE, ENEC, UKCA, RCM, CCC, EL Case material: Metal housing
		BK-DGV100-24V0D	Dimming mode: DALI Dimming Size: 355*30*21mm Input voltage: AC200-240V Operating frequency: 50/60Hz PF value: ≥0.9 Output voltage: DC24V Output current: ≤4.2A Power: 100W Efficiency: 0.9 Certification: CE, ENEC, UKCA, RCM, CCC, EL Case material: Metal housing
		BK-DEV200-24V0D	Dimming mode: DALI2,PUSH-dimming,1-10V 3in1 dimming Size: 361*33.1*22.8mm Input voltage: AC200-240V Operating frequency: 50/60Hz PF value: ≥0.9 Output voltage: DC24V Output current: ≤8.3A Power: 200W Efficiency: 0.92 Certification: TUV, CE, RCM Case material: Metal housing
		CR2-GBA	Input Voltage: 12-48V Output Current: 8A*2CH, Max 16A Output Power: 192W/384W@12V/24V, 384W/576W@36V/48V Dimming Mode: Two-color 2.4 remote control IP: IP20 Product Size: L175*W45*H27(mm)
		R7-1	Working Voltage : 3VDC(Battery CR2032) Operating Frequency: 2.4GHz Remote Control Distance: 30 meters Operating Temperature: -30°C-55°C Product Size: L107*W58.5*H9(mm)

【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	4000*23*1.5	4	80	0.2	4	5.3	41*41*26
NO	3000*23*1.5	3	60	0.18	3.6	5	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).