

CLASSIC Series Specification

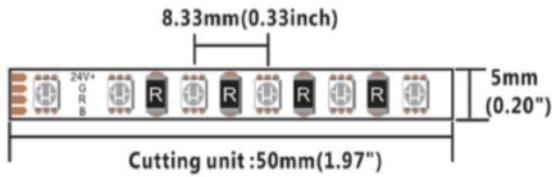
DA120RGB

24V-5mm



【General description】

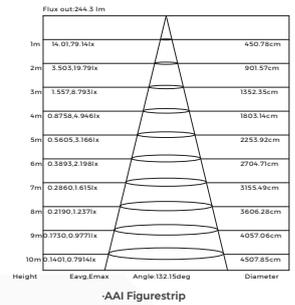
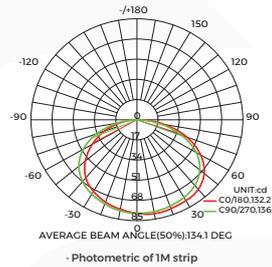
- RGB colorful strip
- Widely adaptable to all types of controllers
- High quality FPC, high thermal 3M adhesive, Smallest and thinnest with LED RGB
- With life span over 60000H, Ta: -25-40°C; Tc: 75°C(max)
- UL/UACK/CE/ROHS/REACH certification



【Dimension】

Input voltage: DC24V
 CRI: /
 Max.power: 9W(1m)
 Power range: 6.2~9W(1m)
 Rated current: 0.31A(1m) 1.35A(5m)
 Typical Power: 7.5W(1m) 32.4W(5m)
 tape IP: IP20/IP65
 On-off times: 10000 (test times)
 Warranty: 5 years indoor / 3 years outdoor

Max.length: 5000mm(16.4')
 Cutting unit: 6leds/50mm(1.97")
 LED pitch: 8.33mm(0.33")
 Min. bend diameter: Φ 60mm(2.36")
 Mounting: 3M tape
 Copper foil: 2oz



【Photo-electric Parameters】

| CRI | Color | CCT | Lumen(lm/m) | Lumen(lm/ft) | lm/W | ErP 2019 |
|-----|-------|-------------|-------------|--------------|------|----------|
| / | R | R:620-625nm | 45 | 13 | 20 | / |
| / | G | G:520-525nm | 210 | 64 | 78 | / |
| / | B | B:455-460nm | 40 | 12 | 18 | / |
| / | RGB | / | 290 | 88 | 39 | / |

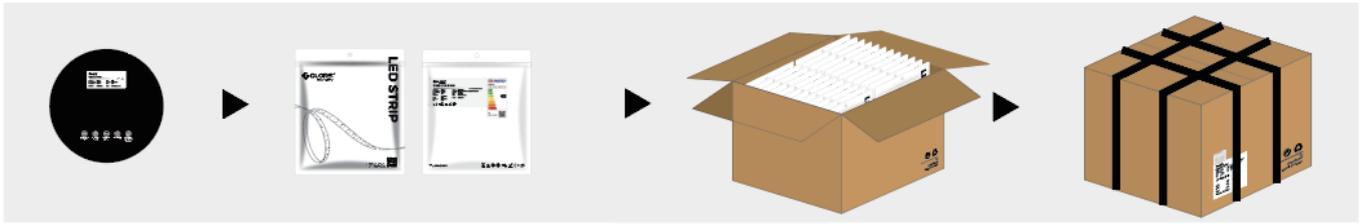
- 1.The tolerance of output data can be vary up to 10%.
- 2.the output data tested according to IES TM-30-15.
- 3.the output data is based on IP20/Imeter, data of 5m in only for reference.
- 4.IP protection process leads changes to size, CCT and luminous flux.

【Electronic & output data】

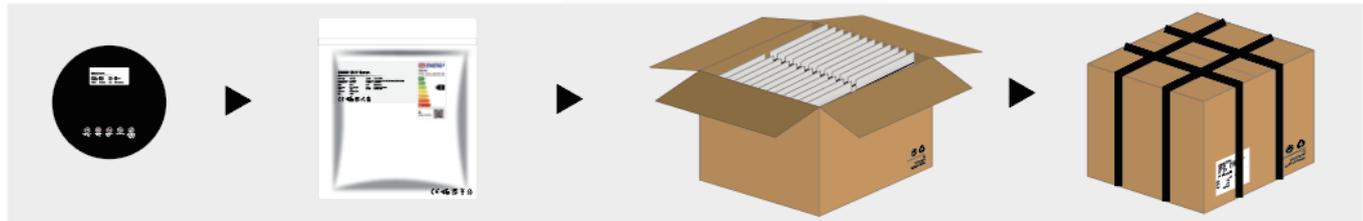
| IP Process | Picture | Picture description | Size | optional CCT/color for finished product | lumen output rate |
|------------|-----------|---------------------|-----------|---|-------------------|
| NO | NO/IP20 | No proof | 5mm*1.5mm | RGB | 100% |
| NA | NANO/IP65 | Nano-proof | 5mm*1.5mm | RGB | 98% |

【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*5*1.5 | 5 | 400 | 0.095 | 7.6 | 8.74 | 41*41*26 |
| NA | 5000*5*1.5 | 5 | 400 | 0.097 | 7.76 | 8.924 | 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: -25 C ~40 C. Storage temperature: 0 C ~60 C. 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).
- Do not scratch the product when IP process of the product is NA. Ultraviolet rays will damage the nano-layers on the product and seriously affect the life of the product.