

Toning Series Specification

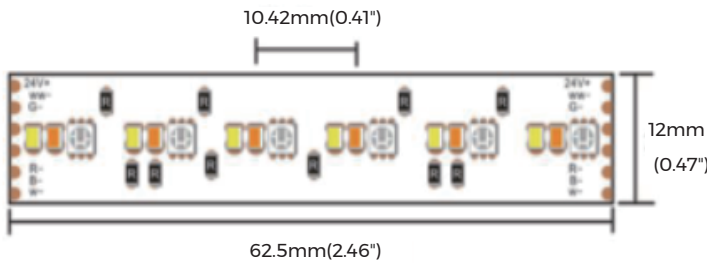
DA696RGBSWW

24V-12mm



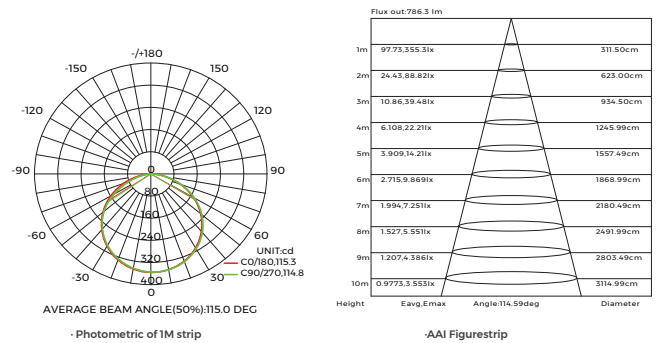
【General description】

- 5 colours mixture design, more uniform light
- 65536 colors can be achieved at the highest level
- High quality FPC, high thermal 3M adhesive
- Ta: -25-40°C; Tc: 75°C (max)



【Dimension】

- | | |
|------------------------------------|------------------------------------|
| Input voltage: DC24V | Max.length: 5000mm(16.4') |
| CRI: / | Cutting unit: 18leds/62.5mm(2.46") |
| Max.power: 19.2W(1m) | LED pitch: 10.42mm(0.41") |
| Power range: 15.9~19.2W(1m) | Min. bend diameter: Φ60mm(2.36") |
| Rated current: 0.73A(1m) 3.2A(5m) | Mounting: 3M tape |
| Typical Power: 17.5W(1m) 76.8W(5m) | Copper foil: 2oz |
| tape IP: IP20/IP65 | |
| On-off times: 10000 (test times) | |
| Warranty: 3years | |

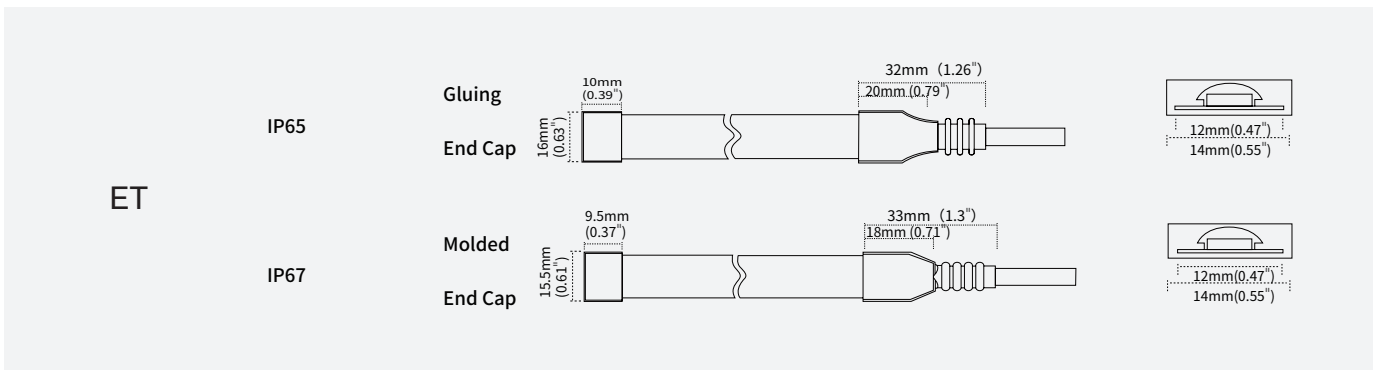


【Photo-electric Parameters】




| CRI | Color | CCT | Lumen(lm/m) | Lumen(lm/ft) | lm/W | ErP 2019 |
|-----|--------|-------------|-------------|--------------|------|----------|
| / | R | R:620-625nm | 110 | 33 | 28 | / |
| / | G | G:520-525nm | 305 | 92 | 81 | / |
| / | B | B:455-460nm | 80 | 24 | 18 | / |
| / | RGBSWW | / | 1130 | 344 | 61 | / |
| 90 | SW | 2700K | 315 | 96 | 87 | G |
| 90 | W | 6000K | 345 | 105 | 95 | F |

- 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/Imeter, data of 5m in only for reference.
- 4.IP protection process leads changes to size, CCT and luminous flux.






【IP process information】



【Electronic & output data】

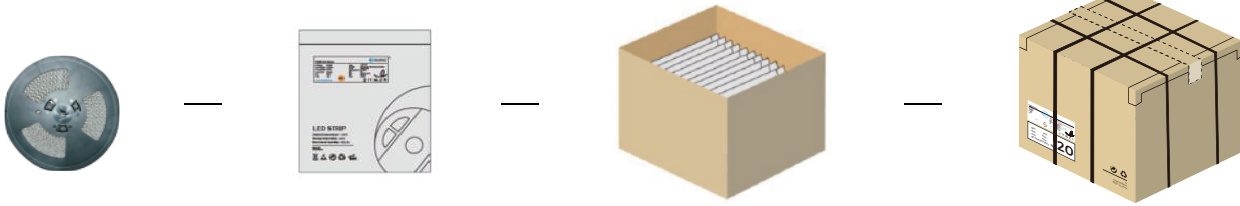
| IP Process | Picture | Picture description | Size | optional CCT/color for finished product | lumen output rate |
|------------|---|---------------------|------------|---|-------------------|
| NO |  | No proof | 12mm*2.1mm | RGBSWW | 100% |
| NA |  | Nano-proof | 12mm*2.1mm | RGBSWW | 98% |
| ET |  | Extrusion tube | 14mm*4.8mm | RGBSWW | 88% |

【Accessories Information】

| Name | Picture | Code | coding | description |
|----------------------|---|----------------|------------------|--|
| Fixed Clip |  | 94-02-00-0004 | FSW12SA | Silicone clip, screw: PA 3*8mm, suitable for 12mm FPC,EF/ET strip |
| Silicone Plug Kit |  | 94-02-00-0048 | DT12EA-A | Silicone plug kit, suitable for 12mm board width, ET/EF series silicone extrusion light strip |
| Silicone stopper kit |  | 94-02-00-0049 | DW12EA-A | Silicone tail plug kit, suitable for 12mm board width, ET/EF series silicone extrusion light strip |
| Mounting groove |  | 94-02-00-0026 | CPT12EA-16100100 | Transparent PVC mounting groove, suitable for 12mm FPC, silicone extruded EF/ET strip |
| Stopper glue |  | 94-16-03010001 | AS-PG-0003 | Silicone gel, suitable for ET/EF/EC/ERG waterproof LED strip |

【Packing】

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*12*2.1 | 5 | 250 | 0.18 | 9 | 10.35 | 41*41*26 |
| NA | 5000*12*2.1 | 5 | 250 | 0.183 | 9.15 | 10.523 | 41*41*26 |
| ET | 5000*14*4.8 | 5 | 150 | 0.56 | 16.8 | 19.32 | 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℃~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).
- 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.