

STRIP LED



LX-ST-DA168RGB-24V-10mm



- RGB colorful strip
- Widely adaptable to all types of controllers
- High quality FPC, high thermal 3M adhesive
- Ta: -25~40°C ; Tc : 75°C (max)
- Rated current : 0.654A(1m) 3A(5m)
- On-off times: 10000 (test times)
- Max.length : 5000mm(16.4')
- Cutting unit : 6leds/35.7mm(1.41")
- Min. bend diameter : Φ 60mm(2.36")
- Mounting : 3M tape
- Copper foil: 2oz



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L I G H T I N G

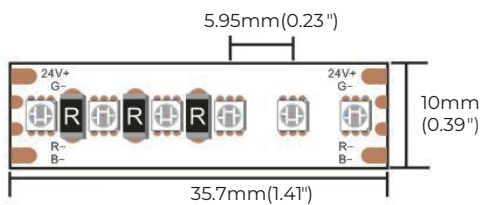
www.luxio-lighting.com

References

| Reference | Typical Power | Max Power | Luminous flux/m | CRI | CCT/K | IP Rating | Dimensions |
|-------------------------|-----------------------|-----------|-----------------|-----|-------------|-----------|---------------|
| LX-ST-DA168RGB-24V-10mm | 15.7W/(1m) & 72W/(5m) | 17.3W(1m) | 110lm | / | R:620-625nm | IP20/65 | 5000*10*1.5mm |
| | | | 375lm | | G:520-525nm | | |
| | | | 90lm | | B:455-460nm | | |
| | | | 530lm | | RGB | | |

- 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 IP20/1 merter, data of 5m in only for reference.
- 4.IP protection process leads changes to size, CCT and luminous flux.






Dimensions



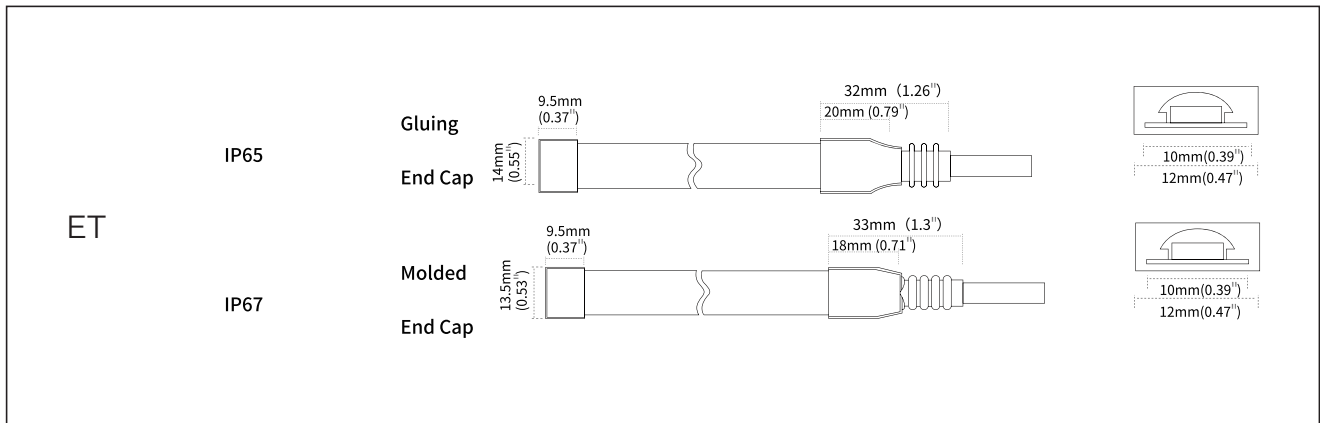
Electronic & output data

| IP Process | Picture | Picture description | Size | Optional CCT/color for finished product | Lumen output rate |
|------------|---|---------------------|------------|---|-------------------|
| NO |  | No proof | 10mm*1.5mm | RGB | 100% |
| NA |  | Nano-proof | 10mm*1.5mm | RGB | 98% |
| ET |  | Extrusion tube | 12mm*4.8mm | RGB | 88% |

IP process information

| Name | Picture | Code | coding | description |
|----------------------|---|----------------|---------------------|--|
| Fixed Clip |  | 94-02-00-0003 | LX-FSW10SA | Silicone clip, screw: PA 3*8mm, suitable for 10mm FPC,EF/ET strip |
| Silicone Plug Kit |  | 94-02-00-0046 | LX-DT10EA-A | Silicone plug kit is suitable for 10mm board width, ET/EF series silicone extrusion light strip |
| Silicone stopper kit |  | 94-02-00-0047 | LX-DW10EA-A | Silicone tail plug kit is suitable for 10mm board width, ET/EF series silicone extrusion light strip |
| Mounting groove |  | 94-02-00-0025 | LX-CVT10EA-14100100 | Transparent PVC mounting groove,suitable for 10mm FPC,silicone extruded EF/ET strip |
| Stopper glue |  | 94-16-03010001 | LX-AS-PG-0003 | Silicone gel,suitable for ET/EF/EG waterproof LED strip |

IP process information



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.