

# STRIP LED



LX-ST-DA696RGBSWW-24V-12mm



- 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)
- Rated current : 0.73A(1m) 3.2A(5m)
- On-off times: 10000 (test times)
- Max.length : 5000mm(16.4')
- Cutting unit : 18leds/62.5mm(2.46")
- Min. bend diameter :  $\Phi$ 60mm(2.36")
- Mounting : 3M tape
- Copper foil: 2oz



**luxio**  
L I G H T I N G

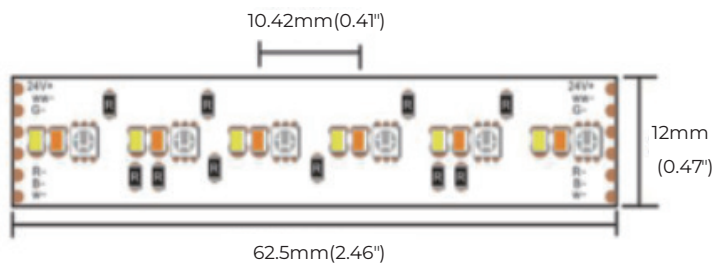
[www.luxio-lighting.com](http://www.luxio-lighting.com)

## References

| Reference                      | Typical Power              | Max Power | Luminous flux/m | CRI | CCT/K       | IP Rating | Dimensions    |
|--------------------------------|----------------------------|-----------|-----------------|-----|-------------|-----------|---------------|
| LX-ST-DA696RGBS<br>WW-24V-12mm | 17.5W/(1m) &<br>76.8W/(5m) | 19.2W(1m) | 110lm           | /   | R:620-625nm | IP20/65   | 5000*12*2.1mm |
|                                |                            |           | 305lm           |     | G:520-525nm |           |               |
|                                |                            |           | 80lm            |     | B:455-460nm |           |               |
|                                |                            |           | 1130lm          |     | /           |           |               |
|                                |                            |           | 315lm           |     | 2700K       |           |               |
|                                |                            |           | 345lm           |     | 6000K       |           |               |

- 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.


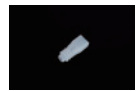

## Dimensions



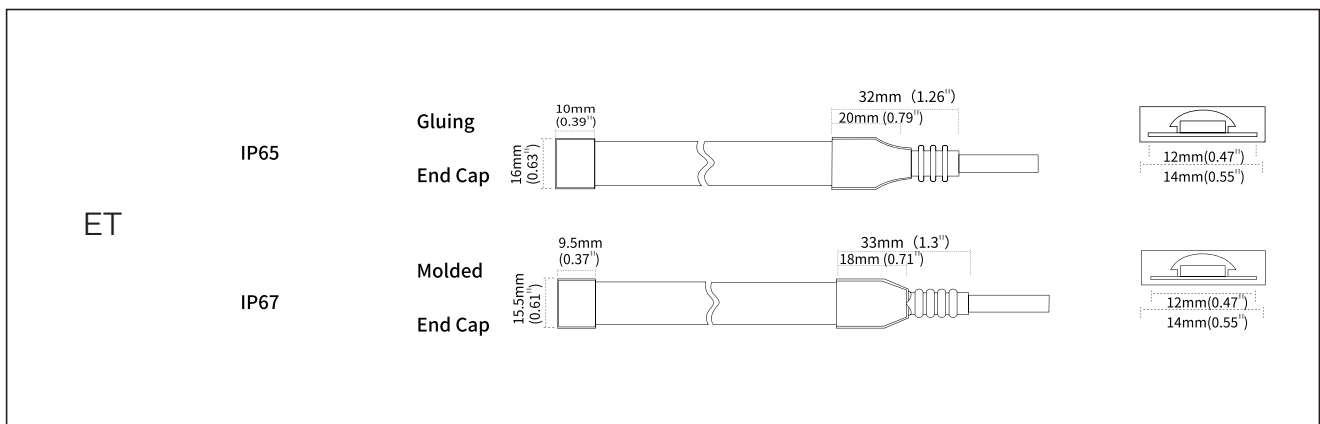
## Electronic & output data

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

## IP process information

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