

# Technical data

**CODE:**

536615

**PRODUCT:**

LED STRIP

**NOTE:**

TECHNICAL DATA

**IMAGE:****LAST UPDATE:**

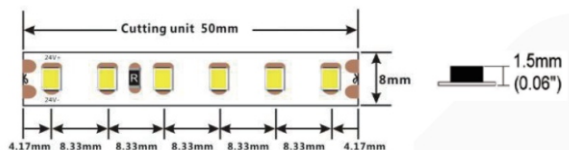
6/2026

# LED STRIP



## General description

- double leds per cut for 24V, easily for customized application
- self-encapsulated design offers 5 optional 1900-6000 K white lights
- High quality PFC, high thermal 3M adhesive
- With life span over 60000H
- Ta: -25~40°C; Tc: 75°C (max)
- UL/UACK/CE/ROHS/REACH certification



## Dimension

|               |                        |
|---------------|------------------------|
| Input voltage | DC24V                  |
| CRI           | >80/90/95              |
| Max. power    | 9.6W (1m)              |
| Power range   | 7.5 ~ 9.6 W (1m)       |
| Rated current | 0.35 (1m) / 1.4A (5m)  |
| Typical power | 8.4W (1m) / 33.6W (5m) |
| Tape IP       | IP20/IP65/IP67/IP67    |
| On-off times  | 10000 (test times)     |

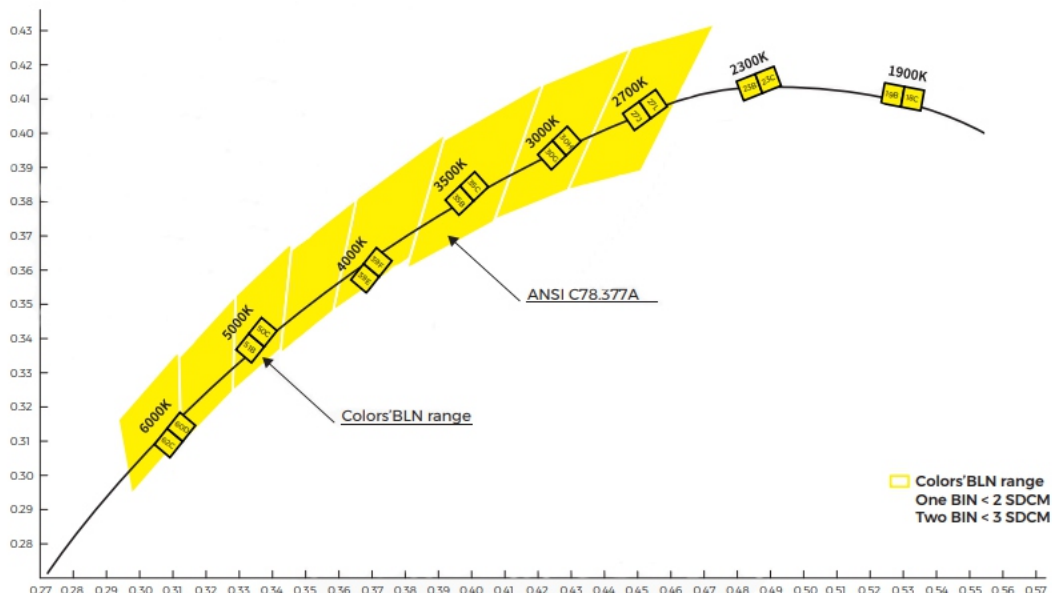
|                    |                                  |
|--------------------|----------------------------------|
| Warranty           | 5 years indoor / 3 years outdoor |
| Max. length        | 5000mm                           |
| Cutting unit       | 6 leds / 50mm                    |
| LED pitch          | 8.33mm                           |
| Min. bend diameter | 60mm                             |
| Mounting           | 3M tape                          |
| Copper foil        | 3oz                              |

## Photo-electric parameters

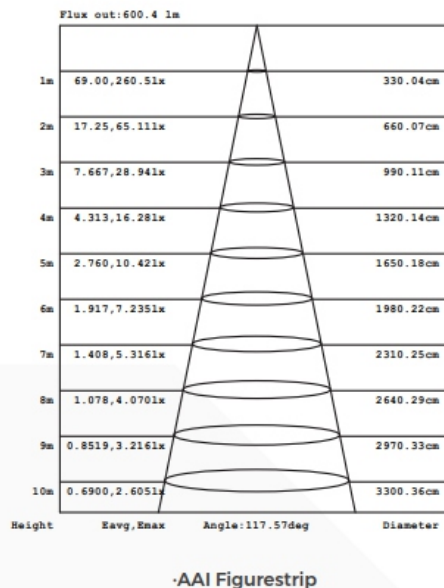
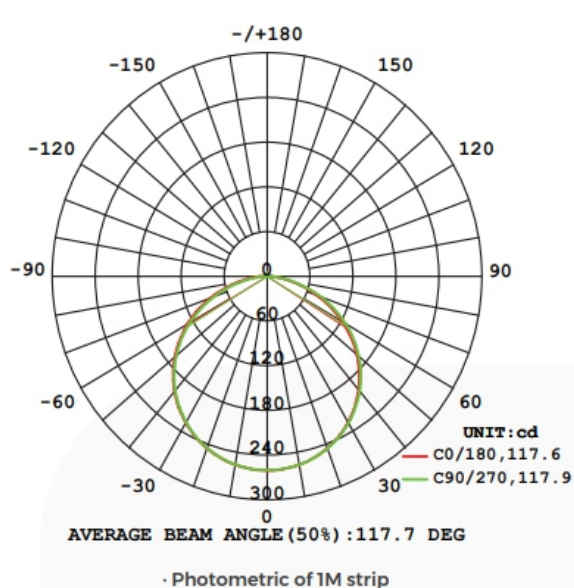
| CRI   | Color | CCT   | Lumen (lm/m) | Lumen (lm/ft) | lm/W | ERP 2019 |
|-------|-------|-------|--------------|---------------|------|----------|
| Ra>90 | WW    | 3000K | 790          | 241           | 94   | F        |

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

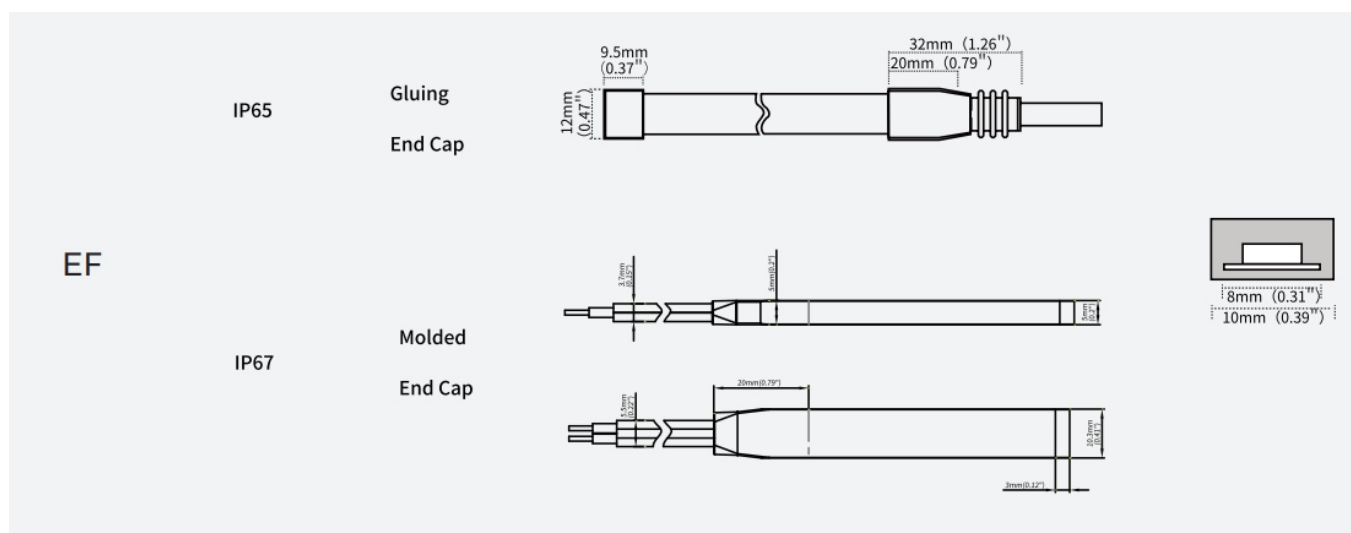
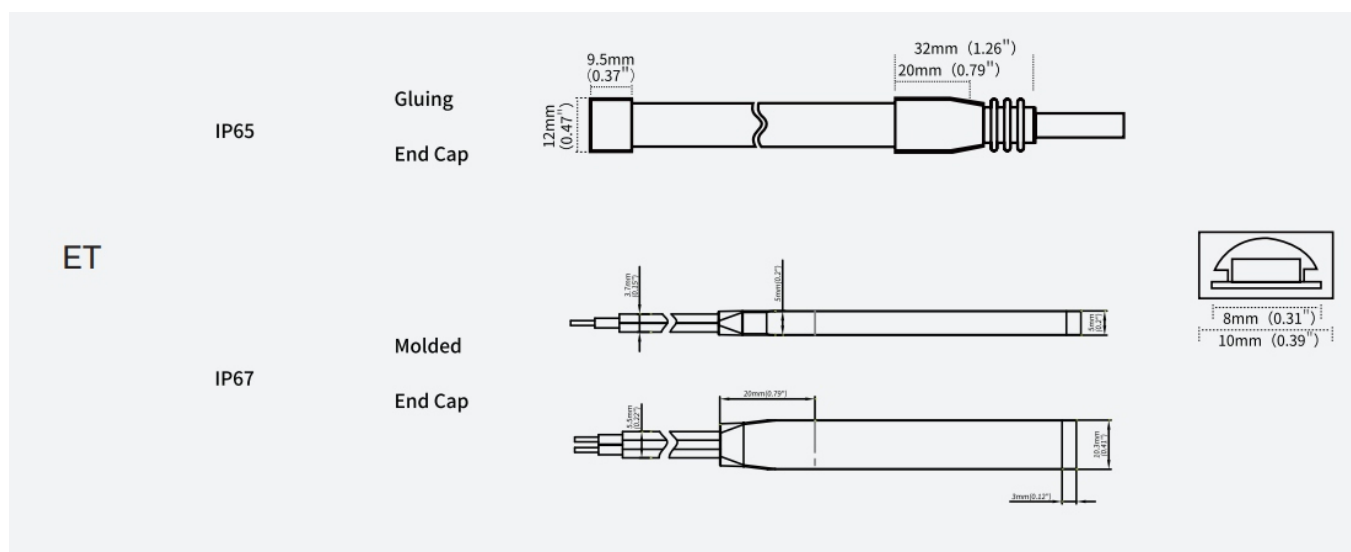
## [BIN]




## Light distribution





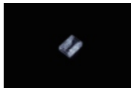
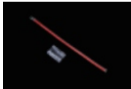
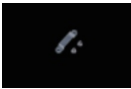

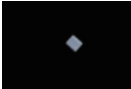





## IP process structure and size



## IP Process Parameters

| IP Porcess | Picture   | Picture description | Size      | Optional CCT/color for finished product               | Lumen output rate |
|------------|---|---------------------|-----------|---|-------------------|
| NA         |  | Nano-proof          | 8mm*1.6mm | 1900K/2300K/2700K /3000K/3500K/4000K /5000K/6000K/G/B | 98%               |

## Accessories Information

| Name                       | Picture   | Description  |
|----------------------------|---|--|
| Connector for wire and FPC |    | 8mm width, 2PIN connector of wire and FPC, suitable for white color strip, NO/NA, 2PIN wire18- 22AWG |
| Connector for FPC and FPC  |    | 8mm width, 2PIN connector of FPC and FPC, suitable for white color strip,NO/NA                       |
| Slim connector             |    | Suitable for 8mm board width, IP20, 2PIN board-to-board solderless terminal                          |
| Slim connector             |   | Suitable for 8mm board width, IP20, 2PIN wire- to-board solderless terminal                          |
| Fixed Clip                 |  | Silicone clip, screw: PA 3*8mm, suitable for 8mm FPC,EF/ET strip                                     |
| Silicone Plug Kit          |  | Silicone plug kit, suitable for 8mm board width, ET/EF series silicone extrusion light strip         |
| Silicone Stopper Kit       |  | Silicone tail plug kit, suitable for 8mm board width, ET/EF series silicone extrusion light strip    |
| Mounting groove            |  | Transparent PVC mounting groove,suitable for 8mm FPC,silicone extruded EF/ET strip                   |
| Stopper glue               |  | Silicone gel,suitable for ET/EF/EG waterproof LED strip  |
| ET solderless plug         |  | Monochromatic light strip, 8mm board width, ET protection technology                                 |
| ET press-fit terminals     |  | Monochromatic light strip, 8mm board width, ET protection technology                                 |
| ET press-fit terminal kit  |  | Monochromatic light strip, 8mm board width, ET protection technology                                 |

## 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) | Cross weight (kg) | Package size (mm) |
|------------|-------------------|---------------------------|---------------------------|-------------------------|-------------------------|-------------------|-------------------|
| NA         | 5000*8*1.6        | 5                         | 300                       | 0.118                   | 7.04                    | 8.142             | 41*41*26          |

Remark: data with 10% tolerance

## Engineering packaging of ET(IP67)/EF(IP67)

(free-soldering end caps with 40 cover per box could be ordered separately if needed)



## Engineering packaging of NO(IP20)/NA(IP65)



| IP Process | Product size (mm) | Product quantity (m/reel) | Product quantity (m/case) | Product net weight (kg) | Net weight per box (kg) | Cross weight (kg) | Package size (mm) |
|------------|-------------------|---------------------------|---------------------------|-------------------------|-------------------------|-------------------|-------------------|
| NA         | 5000*8*1.5        | 50                        | 650                       | 1.18                    | 15.34                   | 17.641            | 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.