

CSP LINEAR Series Specification

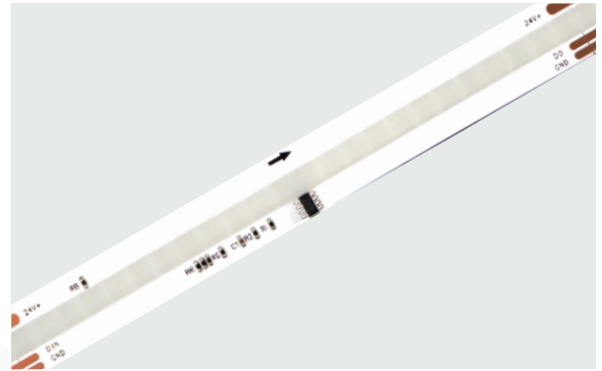
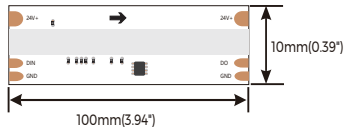
DPS4RGB

24V-10mm



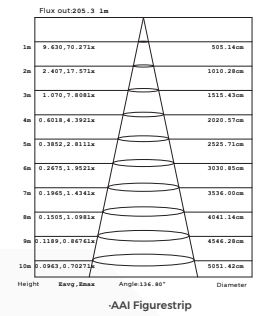
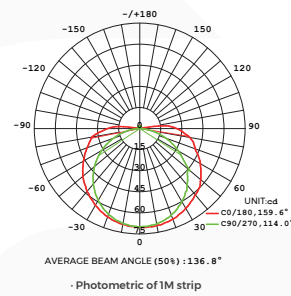
【General description】

- SPI RGB strips,10 Pixels/m,IC model: WS2811F
- Can be used with a simple controller
- Stronger Anti-bending Resistance
- Life longer than 36000H, Ta: -25~40°C; Tc: 75°C (max)
- UL/UACK/CE/ROHS/REACH certification



【Dimension】

| | |
|--|--|
| Input voltage: DC24V | Max.length: 5000mm(16.4') |
| CRI: / | Cutting unit: 100mm(3.94") |
| Max.power: 13.2W(1m) | LED pitch: / |
| Power range: 10.8-13.2W(1m) | Min. bend diameter: Φ 60mm(2.36") |
| Rated current: 0.5A(1m) | Mounting: 3M tape |
| Typical Power: 12W(1m) | Copper foil: 2oz |
| tape IP: IP20/IP65 | |
| On-off times: 10000 (test times) | |
| Warranty: 3 years indoors / 2 years outdoors | |





【Photo-electric Parameters】

| CRI | Color | CCT | Lumen(lm/m) | Lumen(lm/ft) | lm/W | ErP 2019 |
|-----|-------|-----------|-------------|--------------|------|----------|
| / | R | 620-630nm | 76 | 23 | 19 | / |
| / | G | 520-530nm | 310 | 93 | 77 | / |
| / | B | 460-470nm | 52 | 16 | 13 | / |
| / | RGB | RGB | 490 | 148 | 41 | / |

- 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/lmterter, data of 5m in only for reference.
- 4.IP protection process leads changes to size, CCT and luminous flux.
- 5.IC:WS2811F

【Electronic & output data】

| IP Process | Picture | Picture description | Size | optional CCT/color for finished product | lumen output rate |
|------------|---|---------------------|------------|---|-------------------|
| NO |  | No proof | 10mm*1.6mm | RGB | 100% |
| NA |  | Nano-proof | 10mm*1.6mm | RGB | 98% |

【Packing】

Colors brand package(NONA)



| 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*10*1.6 | 5 | 270 | 0.12 | 6.48 | 7.42 | 36.5*36.5*19 |
| NA | 5000*10*1.6 | 5 | 270 | 0.13 | 7.02 | 8.1 | 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.