

Specification

DF7-24V-4mm



▼ General description

- Light line and dot-free with big emitting angle
- CRI > 90, 85LM/W@4000K
- suit for furniture lighting and decorative lighting application
- 7 optional 2700K\3000K\4000K\6500K\R\G\B



▼ Dimension

※Max.length: 2500mm

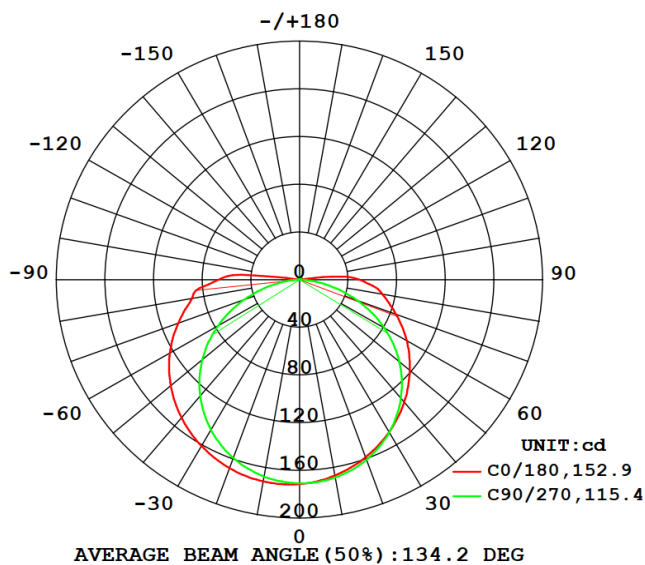
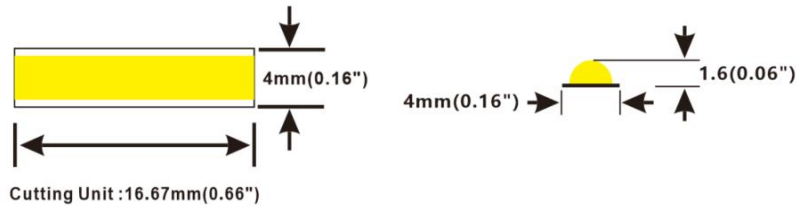
Cutting unit: 16.67mm

Min. bend diameter: Φ60mm

Mounting: 3M tape

IP: IP20/IP65

※Warranty: 3years



Flux out: 488.6 lm

| Height | Eavg, Emax | Angle: 134.20deg | Diameter |
|--------|------------------|------------------|-----------|
| 1m | 25.39, 171.61lx | | 473.47cm |
| 2m | 6.347, 42.901lx | | 946.93cm |
| 3m | 2.821, 19.071lx | | 1420.40cm |
| 4m | 1.587, 10.731lx | | 1893.87cm |
| 5m | 1.015, 6.8641lx | | 2367.33cm |
| 6m | 0.7052, 4.7671lx | | 2840.80cm |
| 7m | 0.5181, 3.5021lx | | 3314.26cm |
| 8m | 0.3967, 2.6811lx | | 3787.73cm |
| 9m | 0.3134, 2.1191lx | | 4261.20cm |
| 10m | 0.2539, 1.7161lx | | 4734.66cm |

Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

Photometric of 1M (3000K) strip

AAI Figure

※Max.length data is based on 10% voltage drop

※Warranty is based on indoor use

▼ **Electronic & output data**

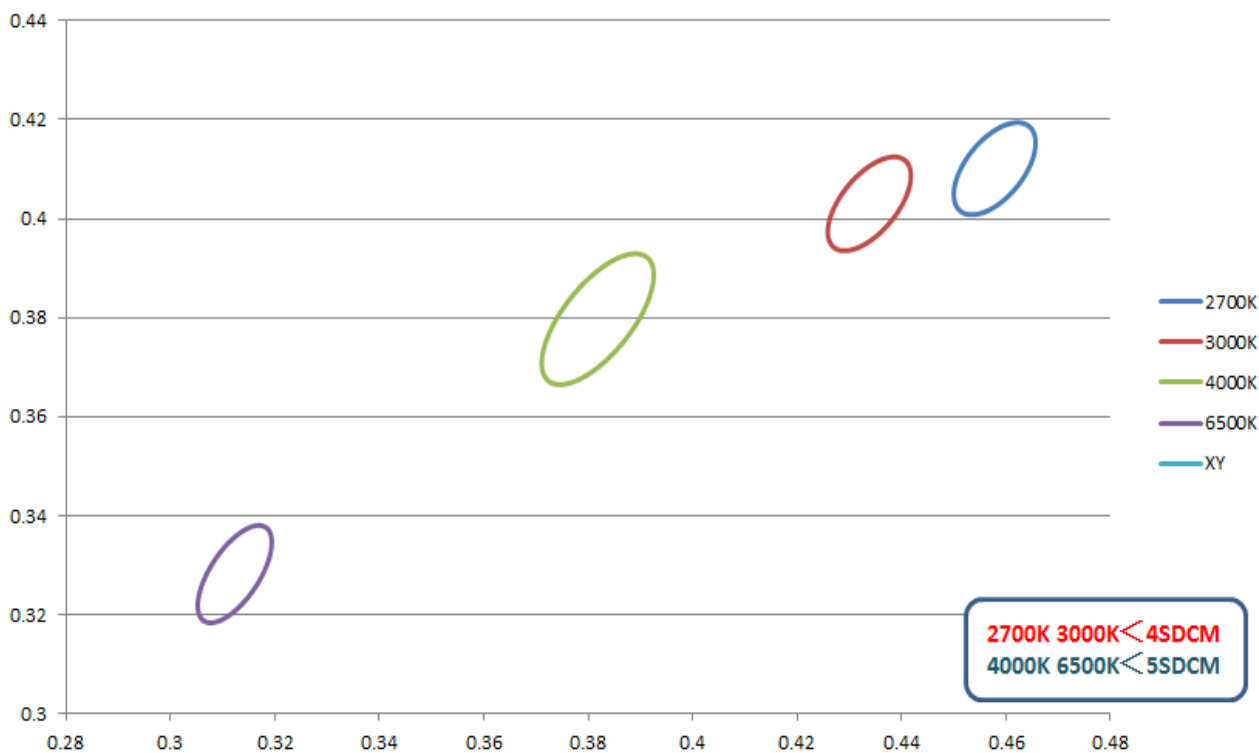
Input voltage: DC24V
 Typical Power: 9W(1m) /19W(2.5m)
 Max.power: 10W
 Power range: 8 ~ 10W

Rated current: 0.375A(1m) /0.79A(2.5m)
 CRI: 90
 On-off times: 10000 (test times)
 Copper foil: 2oz

| CRI | Color | CCT | Lumen(lm) | lm/W | Energy efficiency class |
|-------|-------|-----------|-----------|------|-------------------------|
| Ra>90 | SW | 2700K | 610 | 68 | A+ |
| Ra>90 | WW | 3000K | 680 | 76 | A+ |
| Ra>90 | NW | 4000K | 760 | 85 | A+ |
| Ra>90 | W | 6500K | 810 | 90 | A+ |
| - | R | 620-630nm | - | - | - |
| - | G | 520-530nm | - | - | - |
| - | B | 450-460nm | - | - | - |

- 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 IP20/1m, data of 2.5m in only for reference
- 4.IP protection process leads changes to size, CCT and luminous flux

▼ **BINNING**



▼ IP Process

| IP Process | Picture | description | Size | optional CCT/color for finished product | lumen output rate |
|------------|---|-------------|-----------|---|-------------------|
| NO |  | No proof | 4mm*1.6mm | 2700K/3000K/4000K/6500K/R/G/B | 100% |
| NANO |  | NANo-proof | 4mm*1.6mm | 2700K/3000K/4000K/6500K/R/G/B | 98% |

▼ Order Code Formats

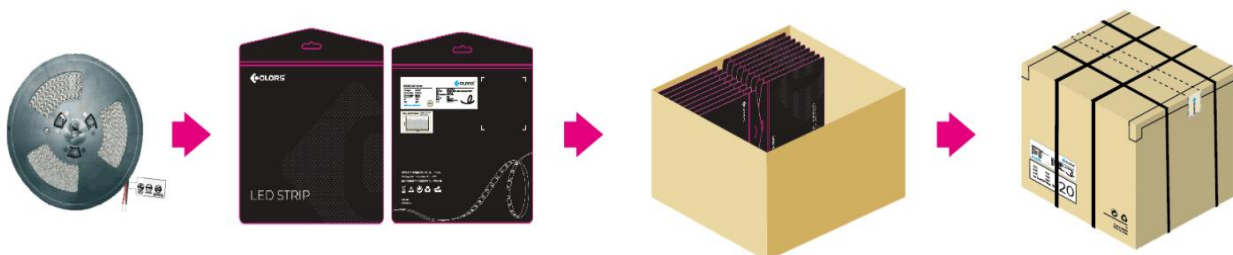
| 1: Category | | 2: LED | | 3: LM/m | | 4: Voltage | | 5:FPC Width | | 6: IP Process | | 7: CRI | | 8: CCT | |
|-------------|---|--------|-----|---------|---------|------------|-----|-------------|-----|---------------|------|--------|------|--------|-------|
| D | - | F | COF | 7 | 700LM/M | 24 | 24V | 04 | 4mm | NO | NO | 9 | > 90 | SW | 2700K |
| | | | | | | | | | | NA | NANO | 0 | 0 | WW | 3000K |
| | | | | | | | | | | | | | | NW | 4000K |
| | | | | | | | | | | | | | | W | 6500K |
| | | | | | | | | | | | | | | R | R |
| | | | | | | | | | | | | | | G | G |
| | | | | | | | | | | | | | | B | B |
| D | - | F | | 7 | | 24 | | 04 | | NO | | 9 | | | SW |

| 9: Silk Printing | | 10: Entry cable | | 11: Wire type | | 12: Wire length | | 13: Tape type | | 14: Label Type | | 15: Strip Length | |
|------------------|---------|-----------------|---------|---------------|---------------------|-----------------|---------|---------------|-----------|----------------|------------|------------------|------|
| N | Neutral | S | Single | A | red and black cable | 012 | 12cm | Y | Yellow 3M | C | COLORS | 0250 | 2.5m |
| | | D | Double | B | SM-male wire | 020 | 20cm | | | S | Customized | 0500 | 5m |
| | | X | Nothing | C | SM-female wire | 050 | 50cm | | | | | | |
| | | | | X | Nothing | 100 | 100cm | | | | | | |
| | | | | | | 0 | Nothing | | | | | | |
| N | | D | | A | | 012 | | Y | | C | | 0250 | |

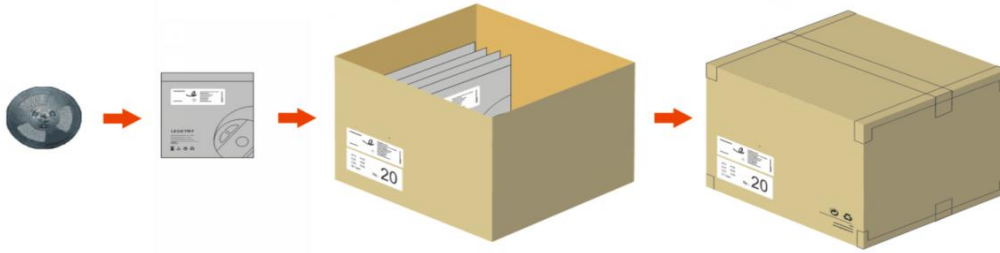
DF72404NO-9SWNSA012YC0250

▼ 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) | Gross weight (kg) | Package size (mm) |
|------------|------------------|---------------------------|---------------------------|------------------------|-------------------------|-------------------|-------------------|
| NO | 2500*4*1.6 | 5 | 400 | 0.13 | 10.4 | 11.96 | 410*410*260 |
| NA | 2500*4*1.6 | 5 | 400 | 0.14 | 11.2 | 12.88 | 410*410*260 |

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).