

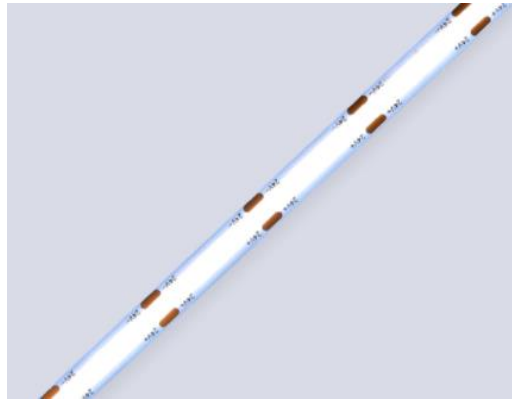
Specification

DF10-24V-8mm



▼ General description

- Light line and dot-free with big emitting angle
- CRI > 90, 100LM/W, 1000LM/M
- Easy installation and maintaining
- 2700K \ 3000K \ 4000K \ 6500K \ R \ G \ B optional



▼ Dimension

※ Max.length: 5000mm

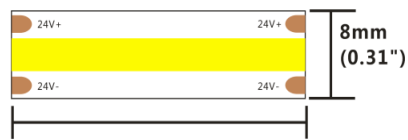
Cutting unit: 29.41mm

Min. bend diameter: Φ60mm

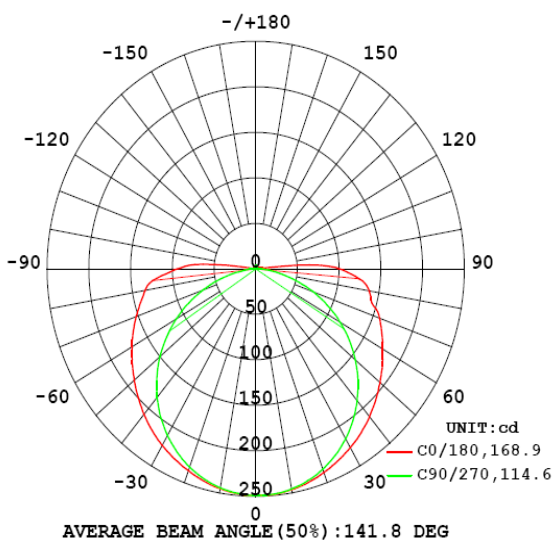
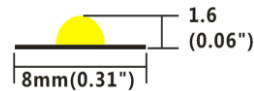
Mounting: 3M tape

IP: IP20/IP65/IP67

※ Warranty: 3years



Cutting Unit : 29.41mm(1.16")



Photometric of 1M (4000K) strip

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

※ Warranty is based on indoor use

| Height | Eavg, Emax | Angle: 114.55deg | Diameter |
|--------|-----------------|------------------|-----------|
| 1m | 72.83, 249.11x | | 311.26cm |
| 2m | 18.21, 62.281x | | 622.52cm |
| 3m | 8.092, 27.681x | | 933.78cm |
| 4m | 4.552, 15.571x | | 1245.04cm |
| 5m | 2.913, 9.9651x | | 1556.30cm |
| 6m | 2.023, 6.9201x | | 1867.56cm |
| 7m | 1.486, 5.0841x | | 2178.82cm |
| 8m | 1.138, 3.8931x | | 2490.08cm |
| 9m | 0.8991, 3.0761x | | 2801.33cm |
| 10m | 0.7283, 2.4911x | | 3112.59cm |

AAI Figure

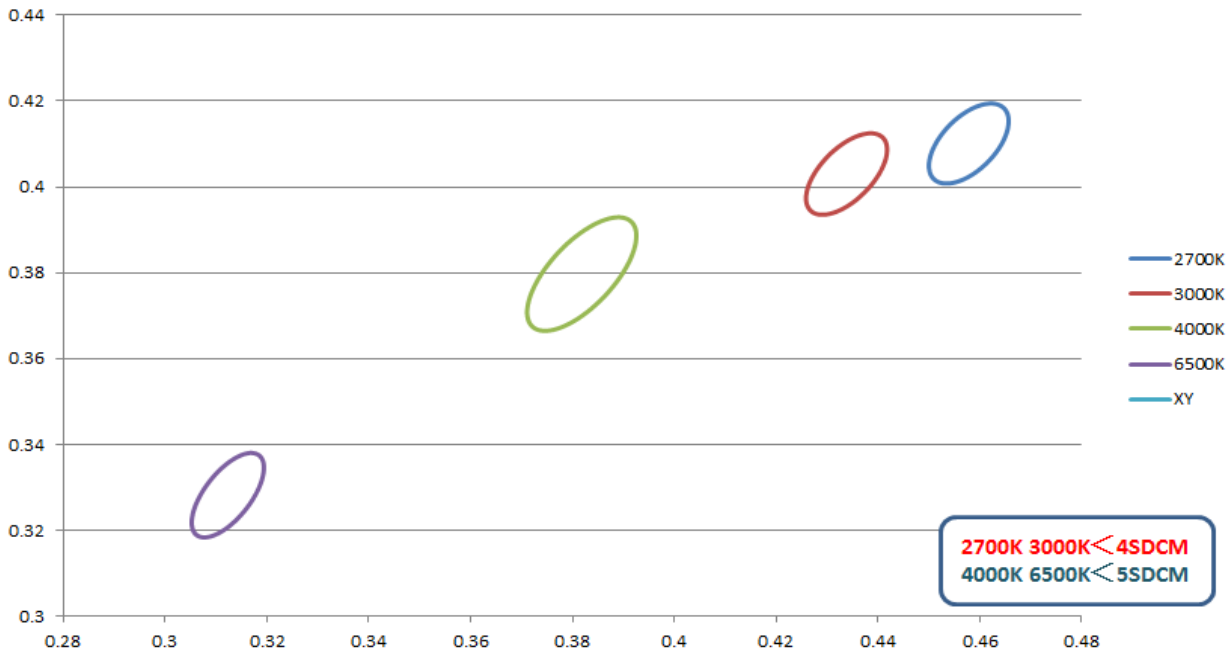
▼ Electronic & output data

| | |
|-----------------------------------|------------------------------------|
| Input voltage: DC24V | Rated current: 0.42A(1m) /1.8A(5m) |
| Typical Power: 10W(1m) /43.2W(5m) | CRI: >90 |
| Max.power: 11.2W | On-off times: 10000 (test times) |
| Power range: 8.8 ~ 11.2W | Copper foil: 2oz |

| CRI | Color | CCT | Lumen(lm) | lm/W | Energy efficiency class |
|-------|-------|-------|-----------|------|-------------------------|
| Ra>90 | SW | 2700K | 820 | 82 | G |
| Ra>90 | WW | 3000K | 900 | 90 | G |
| Ra>90 | NW | 4000K | 980 | 98 | G |
| Ra>90 | W | 6500K | 1000 | 100 | G |

- 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 IP20/1merter, data of 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/IP20 | No proof | 8mm*1.6mm | 2700K/3000K/4000K/6500K/R/G/B | 100% |
| NANO |  NANO/IP65 | NANo-proof | 8mm*1.6mm | 2700K/3000K/4000K/6500K/R/G/B | 98% |
| ET |  ET/IP67 | Extrusion tube | 10mm*4.8mm | 2700K/3000K/4000K/6500K/R/G/B | 88% |

▼ Accessories Information

| Name | Picture | Code | description |
|----------------------|--|----------------|--|
| Fixed Clip |  | 94-02-00-0002 | Silicone clip, screw:PA 3*8mm suitable for 8mm FPC,IP67 waterproof strip |
| Slim connector |  | 94-03-00-0065 | TSC-08-2, suitable for 8mm fpc to fpc connection , IP20, 2pin, 10pcs per bag |
| FPC with wire |  | 94-03-00-0066 | wire connection when using together with TSC-08-2,IP20,2PIN, 10PCS per bag |
| Silicone end cap set |  | 94-02-00-0021 | Silicone end cap set, including end cap and plug, suitable for 8mm FPC,EH/ET/EF silicone extrusion strip |
| Mounting groove |  | 94-02-00-0024 | Transparent PVC mounting groove,suitable for 8mm FPC,silicone extruded EF/ET strip |
| Stopper glue |  | 94-16-03010001 | Silicone gel, suitable for ST/ET/EH/EF waterproof LED strip |

▼ Order Code Formats

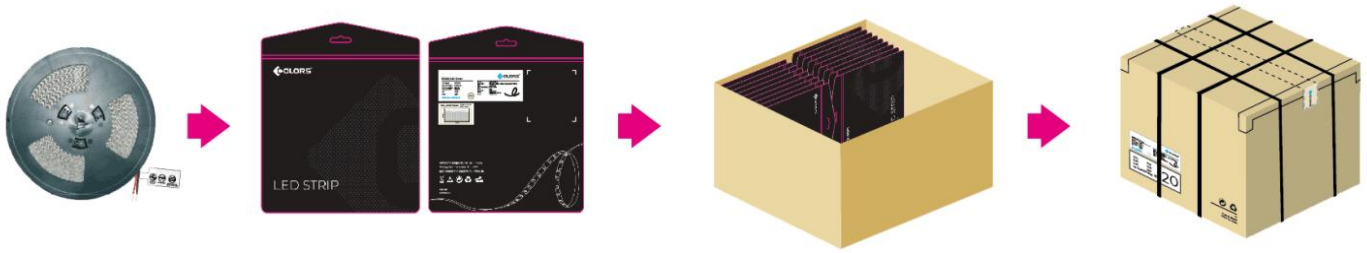
| 1: Category | | 2: LED | | 3: LED/m | | 4: Voltage | | 5:FPC Width | | 6: IP Process | | 7: CRI | | 8: CCT | |
|-------------|---|--------|-----|----------|----------|------------|-----|-------------|-----|---------------|----------------|--------|-----|--------|-------|
| D | - | F | COF | 10 | 1000LM/M | 24 | 24V | 08 | 8mm | NO | NO | 9 | >90 | SW | 2700K |
| | | | | | | | | | | NA | NANO | 0 | 0 | WW | 3000K |
| | | | | | | | | | | ET | Extrusion tube | | | NW | 4000K |
| | | | | | | | | | | | | | | W | 6500K |
| | | | | | | | | | | | | | | R | R |
| | | | | | | | | | | | | | | G | G |
| | | | | | | | | | | | | | | B | B |
| D | - | F | | 10 | | 24 | | 08 | | 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 | W | White 3M | C | COLORS | 0500 | 5m |
| | | D | Double | B | SM-male wire | 020 | 20cm | Y | Yellow 3M | S | Customized | | |
| | | X | Nothing | C | SM-female wire | 050 | 50cm | R | Red tape | | | | |
| | | | | X | Nothing | 100 | 100cm | X | Nothing | | | | |
| | | | | | | 0 | Nothing | | | | | | |
| N | | D | | A | | 012 | | W | | C | | 0500 | |

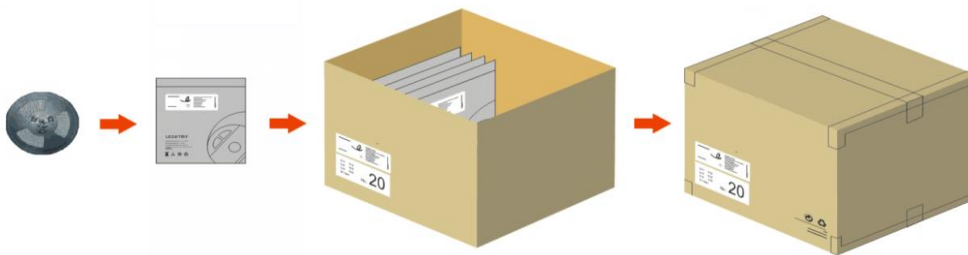
DF102408NO-9SWNDA012WC0500

▼ Packing

Colors brand package



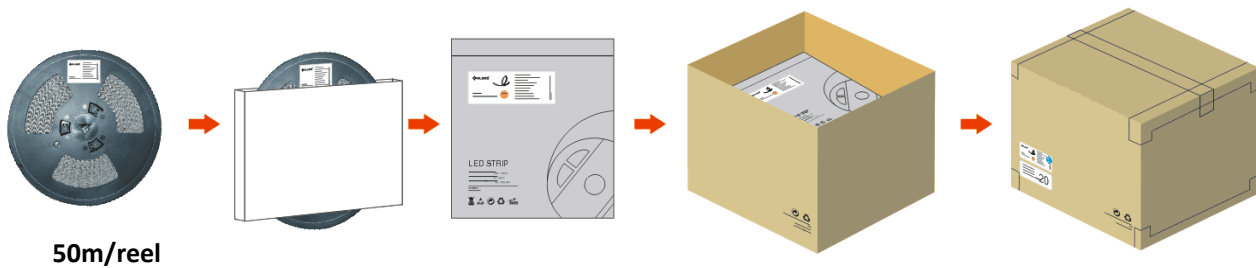
General customized package



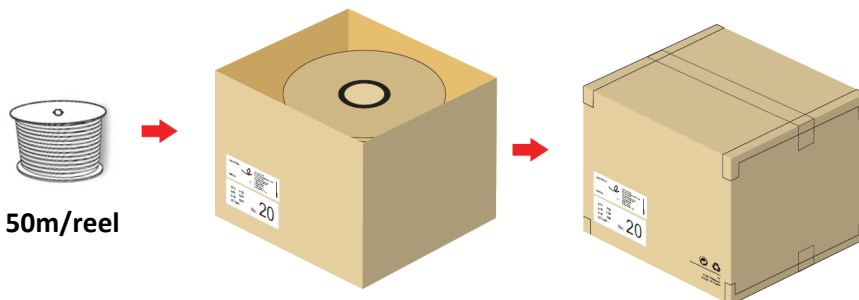
| IP Process | Product size(mm) | Product quantity (m/reel) | Product quantity (m/case) | Product net weight(kg) | Net weight per box (kg) | Gross weight (kg) | Package size (mm) |
|------------|------------------|---------------------------|---------------------------|------------------------|-------------------------|-------------------|-------------------|
| NO | 5000*8*1.6 | 5 | 300 | 0.12 | 7.2 | 8.28 | 410*410*260 |
| NA | 5000*8*1.6 | 5 | 300 | 0.13 | 7.8 | 8.97 | 410*410*260 |
| ET | 5000*10*4.8 | 5 | 200 | 0.4 | 16 | 18.4 | 410*410*260 |

Remark: data with 10% tolerance

Engineering packaging of NO(IP20).



Engineering packaging of ET(IP67)



| 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 | 50000*8*1.5 | 50 | 650 | 1 | 13 | 14.95 | 41*41*26 |
| ET | 50000*10*4.8 | 50 | 100 | 4.5 | 9 | 10.35 | 25.5*25.5*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).