

Specification

Vario series-D4120



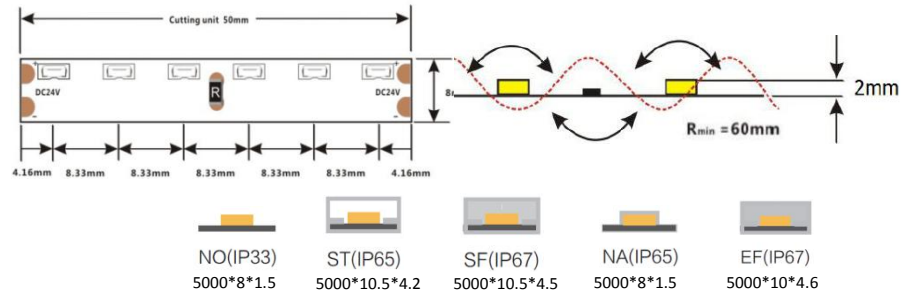
General description

- ※ Unilateral lighting strip
- ※ Luminance efficiency up to 110LM/W
- ※ With life span over 36000H
- ※ Widely used in advertising, decoration and other scenes
- ※ Ta: -25~40° C; Tc: 75° C (max)



Dimensions

- Max.length:** 5000mm
- Cutting unit:** 50mm/6leds
- LED pitch:** 8.33mm
- Min. bend diameter:** Φ 60mm
- Mounting:** 3M tape
- IP:** IP33/IP65/IP67

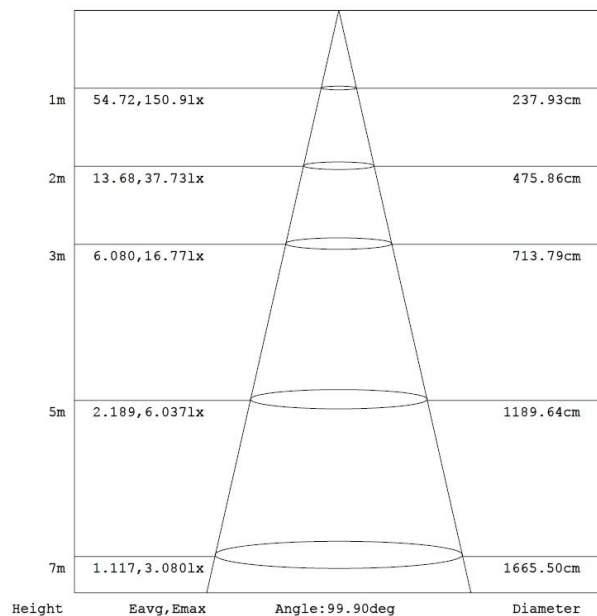
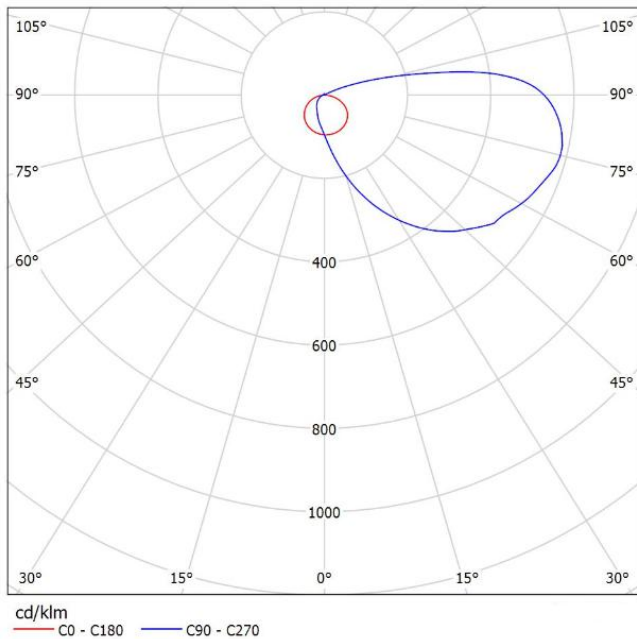


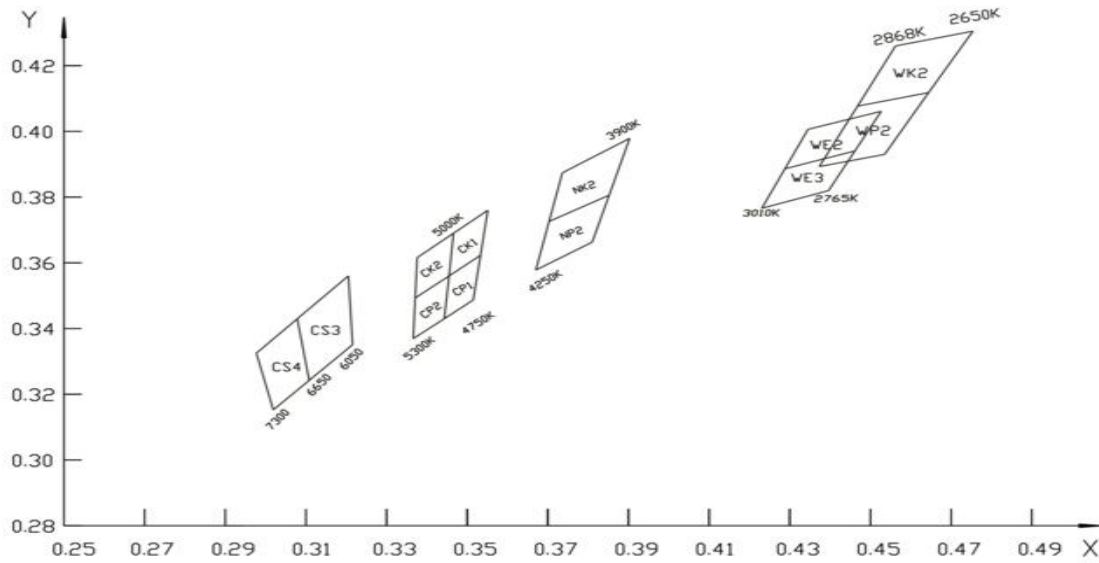
Electronic & output data

- Input voltage:** 24VDC
- Rated current:** 0.35A(1m) / 1.52A(5m)
- Typical Power:** 8.4W(1m) / 36.48W(5m)
- Power range:** 7.7~9.1W
- Max.power:** 9.6W (If=20mA)
- CRI:** >80
- On-off times:** 10000 (test times)





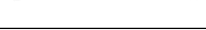

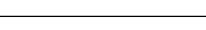









| Color | SW | WW | NW | DW | W |
|--------------------------------|-------|-------|-------|-------|-------|
| CCT | 2700K | 3000K | 4000K | 5000K | 6500K |
| Lumen | 848lm | 894lm | 921m | 921lm | 894lm |
| Lm/W | 101 | 106 | 110 | 110 | 106 |
| Energy efficiency class | A+ | A+ | A+ | A+ | A+ |

1.The tolerance of output data can be vary up to 10%
 2.the output data tested according to IES LM-79-08
 3.the output data is based on IP33/1merter
 4.IP protection process leads changes to size, CCT and luminous flux





Accessories Information

| Type | Name | Picture | Code | Color | Protection technique | Remark |
|---------------------------|------------------------------------|---|---|-------------|----------------------|-----------------------|
| wire cable with connector | red and black cable |  | 94.31.20201201 (head) /94.31.20201202 (tail) | white/black | NO/ST/SF/NA | 20AWG L=120mm |
| | Two core SM-male wire |  | 94.34.20201501 | white/black | NO | 20AWG L=210mm |
| | Two core SM-female wire |  | 94.34.20201502 | white/black | NO | 20AWG L=210mm |
| | Two core DC-male wire |  | 94.35.20201501 | black | NO | 20AWG L=150mm |
| | Two core DC-female wire |  | 94.35.20201502 | black | NO | 20AWG L=150mm |
| | Two core PVC-male wire |  | 94.35.21201501 | white | ST/SF/NA | 20AWG L=150mm |
| | Two core PVC-female wire |  | 94.35.21201502 | white | ST/SF/NA | 20AWG L=150mm |
| | Two core Lucid wire |  | 94.32.20202001 | transparent | ST/SF/NA | 20AWG L=200mm |
| | core Lucid-male wire |  | 94.35.23201501 | transparent | ST/SF/NA | 20AWG L=150mm |
| | core Lucid-female wire |  | 94.35.23201502 | transparent | ST/SF/NA | 20AWG L=150mm |
| | single pin,"-"shape wire connector |  | 94.50.110300001 | red/black | - | Wire Diameter < 2.1mm |
| | single pin,"T"shape wire connector |  | 94.50.110000001 | red/black | - | Wire Diameter < 2.1mm |
| | double pin,"-"shape wire connector |  | 94.50.210300001 | red/black | - | Wire Diameter < 2.1mm |
| | double pin,"T"shape wire connector |  | 94.50.210000001 | red/black | - | Wire Diameter < 2.1mm |
| Assembling | Fixed clip |  | 94.19.00080001 | white | ST/SF | - |
| | Fixed clip |  | 94.19.00080002 | white | NO/NA | - |

Order Code Formats

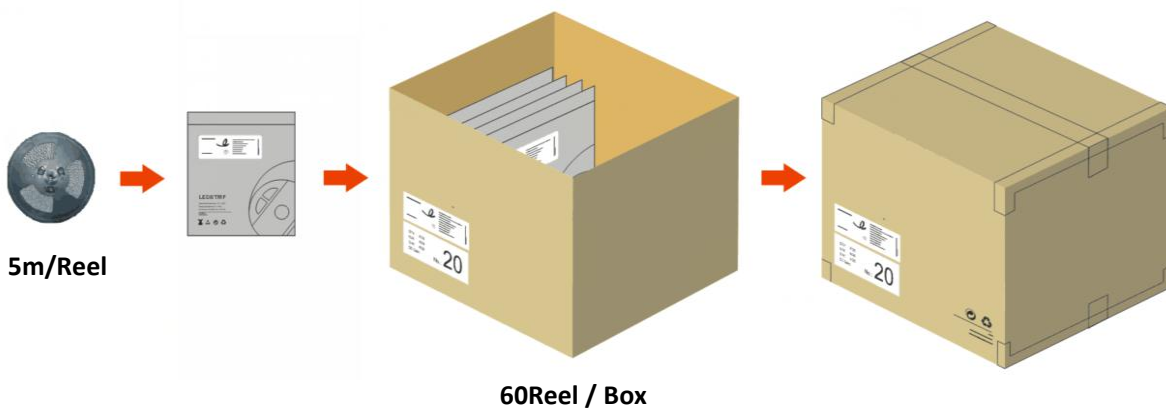
| 1:Category | | 2:LED | | 3:LED/m | | 4:Voltage | | 5:FPC Width | | 6:IP Process | | 7:CRI | | 8:CCT | |
|------------|---|-------|------|---------|---------|-----------|-----|-------------|-----|-----------------|----|-------|-----|-------|-------|
| D | - | 4 | 3014 | 120 | 120 LED | 24 | 24V | 08 | 8mm | NO | NO | 8 | >80 | SW | 2700K |
| | | | | | | | | | | SILICONE TUBE | ST | | | WW | 3000K |
| | | | | | | | | | | SILICONE FILLED | SF | | | NW | 4000K |
| | | | | | | | | | | NANO | NA | | | DW | 5000K |
| | | | | | | | | | | | | | | W | 6500K |

| 9:Silk Printing | | 10: Entry cable | | 11:Wire type | | 12:Wire length | | 13:Tape type | | 14:Label Type | | 15: Strip Length | |
|-----------------|------------|-----------------|---------|---------------------|--|----------------|---------|--------------|---|---------------|--|------------------|------|
| C | COLORS | S | Single | red and black cable | | A | 12cm | 012 | W | White 3M | | 0.5m | 0050 |
| S | customized | D | doubel | SM-male wire | | B | 15cm | 015 | Y | Yellow 3M | | 1m | 0100 |
| N | Neutral | X | Nothing | SM-female wire | | C | 20cm | 020 | R | Red 3M | | 2m | 0200 |
| | | | | Nothing | | X | 50cm | 050 | X | Nothing | | 5m | 0500 |
| | | | | | | | Nothing | Nothing | | | | 50m | 5000 |

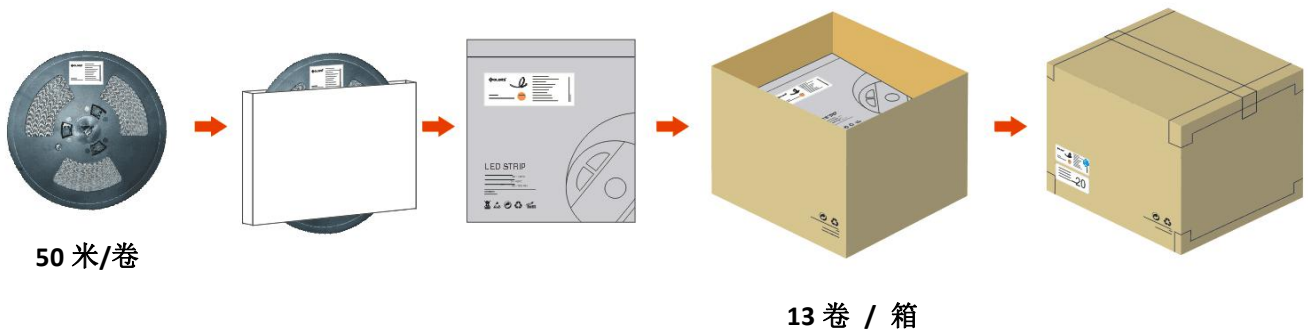
D41202408NO-8NWCD A012WC0500

Packing

1. Conventional packaging of NO(IP33).



2. Engineering packaging of NO(IP33).



Disclaimer

- ※ 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: $-20\text{ }^{\circ}\text{C} \sim +40\text{ }^{\circ}\text{C}$. Storage temperature: $-0\text{ }^{\circ}\text{C} \sim +60\text{ }^{\circ}\text{C}$. 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).

