

VARIO Series Specification

# DM560RGBW

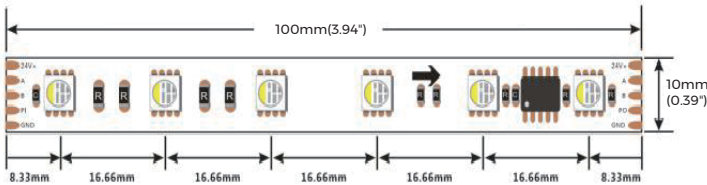
## 24V-10mm

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General description

- DMX512 RGB strip, with good anti- interference capacity
- Same brightness from head end to tail end, no color change,
- Can be programming for various mode
- 10 pixels per meter,256 grey scale
- Ta: -25~40℃; Tc: 75℃ (max)



Dimension

- Input voltage: DC24V

CRI: /

Max.power: 18W(1m)

Power range: 14 ~18W(1m)

Rated current: 0.67A(1m) 2.85A(5m)

Typical Power: 16W(1m) 68.4W(5m)

tape IP: IP20/IP65

On-off times: 10000 (test times)

Warranty: 3years
- Max.length: 5000mm(16.4')

Cutting unit: 6leds/100mm(3.94")

LED pitch: 16.66mm(0.66")

Min. bend diameter: Φ60mm(2.36")

Mounting: 3M tape

Copper foil: 3oz

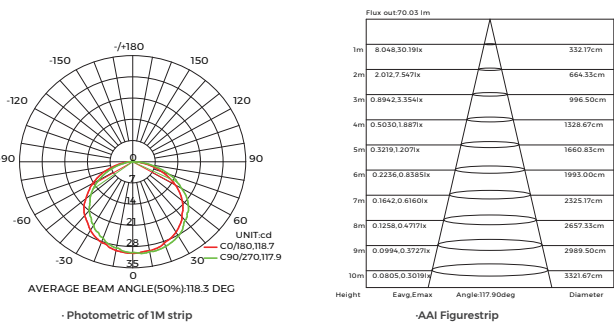
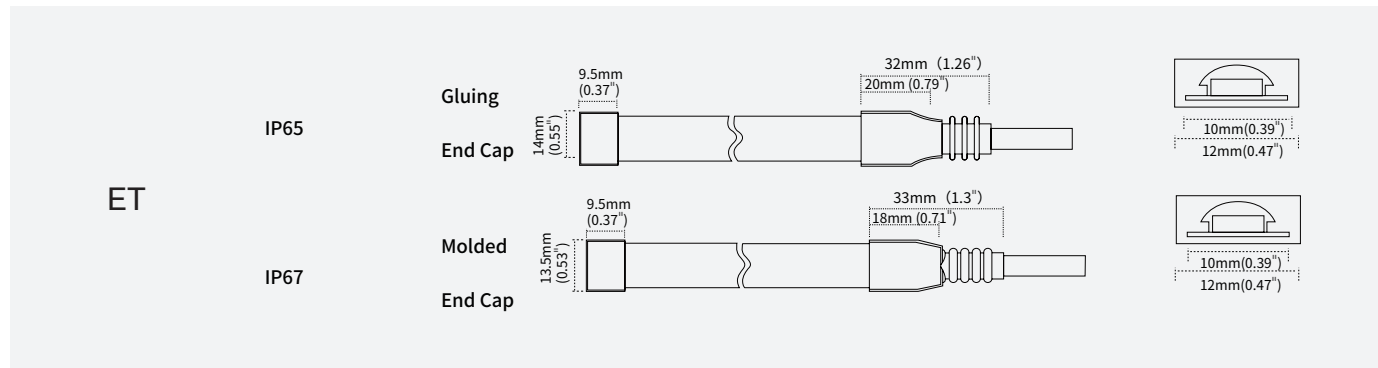


Photo-electric Parameters

| CRI | Color | CCT         | Lumen(lm/m) | Lumen(lm/ft) | lm/W | ErP 2019 |
|-----|-------|-------------|-------------|--------------|------|----------|
| /   | R     | R:620-625nm | 85          | 25           | /    | /        |
| /   | G     | G:520-525nm | 235         | 71           | /    | /        |
| /   | B     | B:455-460nm | 65          | 19           | /    | /        |
| /   | W     | 6000K       | 290         | 88           | 49   | /        |

- 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.

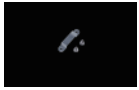
IP process information



## 【Electronic & output data】

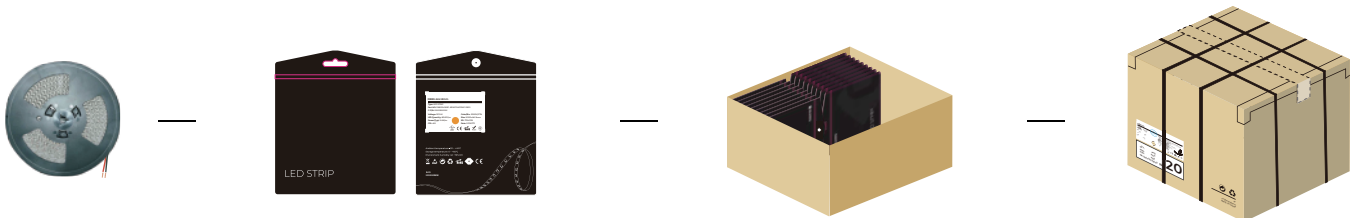
| IP Process | Picture                                                                           | Picture description | Size       | optional CCT/color for finished product | lumen output rate |
|------------|-----------------------------------------------------------------------------------|---------------------|------------|-----------------------------------------|-------------------|
| NO         |  | No proof            | 10mm*2.1mm | RGBW                                    | 100%              |
| NA         |  | Nano-proof          | 10mm*2.1mm | RGBW                                    | 98%               |
| ET         |  | Extrusion tube      | 12mm*4.8mm | RGBW                                    | 88%               |

## 【Accessories Information】

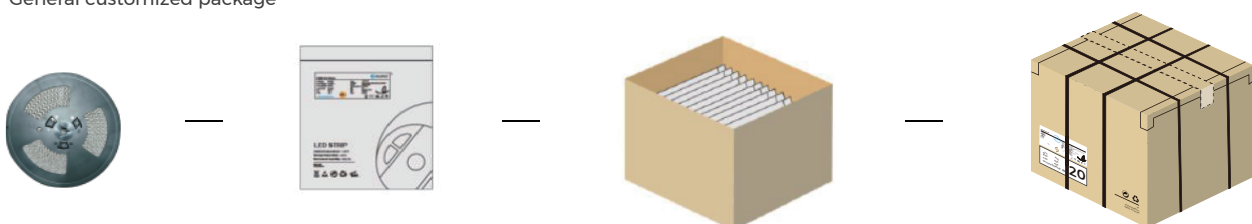
| Name                 | Picture                                                                             | Code           | coding           | description                                                                                          |
|----------------------|-------------------------------------------------------------------------------------|----------------|------------------|------------------------------------------------------------------------------------------------------|
| Fixed Clip           |    | 94-02-00-0003  | FSW10SA          | Silicone clip, screw: PA 3*8mm, suitable for 10mm FPC,EF/ET strip                                    |
| Silicone Plug Kit    |   | 94-02-00-0046  | DT10EA-A         | Silicone plug kit is suitable for 10mm board width, ET/EF series silicone extrusion light strip      |
| Silicone stopper kit |  | 94-02-00-0047  | DW10EA-A         | Silicone tail plug kit is suitable for 10mm board width, ET/EF series silicone extrusion light strip |
| Mounting groove      |  | 94-02-00-0025  | CVT10EA-14100100 | Transparent PVC mounting groove,suitable for 10mm FPC,silicone extruded EF/ET strip                  |
| Stopper glue         |  | 94-16-03010001 | AS-PG-0003       | Silicone gel,suitable for ET/EF/EG waterproof LED strip                                              |

## 【Packing】

SEL 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 (cm) |
|------------|------------------|---------------------------|---------------------------|------------------------|------------------------|------------------|-------------------|
| NO         | 5000*10*2.1      | 5                         | 250                       | 0.175                  | 8.75                   | 10.063           | 41*41*26          |
| NA         | 5000*10*2.1      | 5                         | 250                       | 0.178                  | 8.9                    | 10.235           | 41*41*26          |
| ET         | 5000*12*4.8      | 5                         | 200                       | 0.505                  | 20.2                   | 23.23            | 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.