

PRO Series Specification

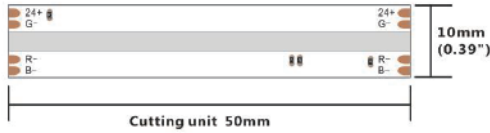
DF4RGB

24V-10mm



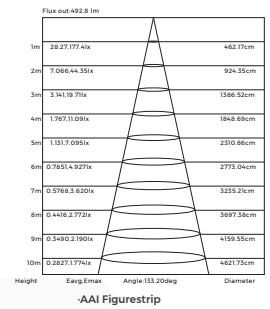
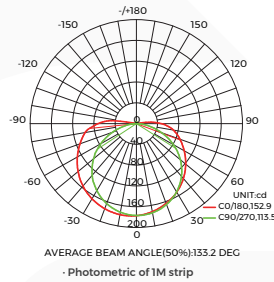
【General description】

- Super-dense LED distribution of 840 LED/m and ultraslim thickness of 1.6mm, matching profiles better
- With life span over 36000H
- Ta: -25-40°C; Tc: 75°C(max)



【Dimension】

- | | |
|-----------------------------------|--|
| Input voltage: DC24V | Max.length: 5000mm(16.4') |
| CRI: / | Cutting unit: 50mm(1.97") |
| Max.power: 16.8W(1m) | LED pitch: / |
| Power range: 13.2~16.8W(1m) | Min. bend diameter: Φ 60mm(2.36") |
| Rated current: 0.63A(1m) 2.6A(5m) | Mounting: 3M tape |
| Typical Power: 15W(1m) 62.4W(5m) | Copper foil: 2oz |
| tape IP: IP20/IP65 | |
| On-off times: 10000 (test times) | |
| Warranty: 3years | |

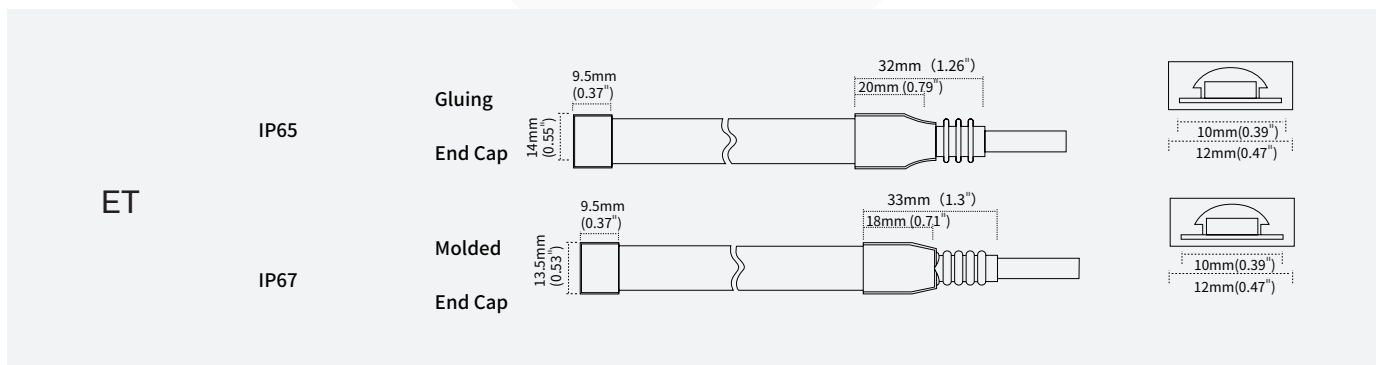


【Photo-electric Parameters】




CRI	Color	CCT	Lumen(lm/m)	Lumen(lm/ft)	lm/W	ErP 2019
/	RGB	/	720	219	48	/
/	R	R:620-625nm	125	38	25	/
/	G	G:520-525nm	495	150	99	/
/	B	B:455-460nm	70	21	14	/

- 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/Imeter, 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】

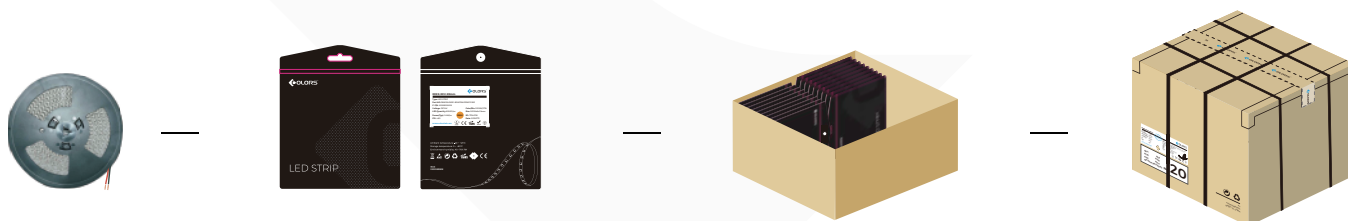
IP Process	Picture	Picture description	Size	optional CCT/color for finished product	lumen output rate
NO		No proof	10mm*1.6mm	RGB	100%
NANO		Nano-proof	10mm*1.6mm	RGB	98%
ET		Extrusion tube	12mm*4.8mm	RGB	88%

【Accessories Information】

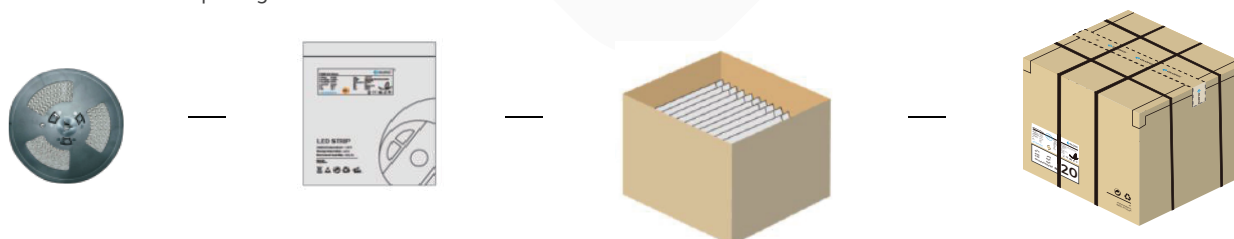
Name	Picture	Code	coding	description
Fixed Clip		94-02-00-0003	FSW10SA	Silicone clip, screw: PA 3*8mm, suitable for 10mm FPC,EF/ET strip
Silicone Plug Kit		94-02-00-0046	DT10EA-A	Silicone plug kit is suitable for 10mm board width, ET/EF series silicone extrusion light strip
Silicone stopper kit		94-02-00-0047	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】

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 (cm)
NO	5000*10*1.6	5	300	0.12	7.2	8.28	41*41*26
NA	5000*10*1.6	5	300	0.13	7.8	8.97	41*41*26
ET	5000*12*4.8	5	200	0.4	1.6	18.4	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.