

PRO Series Specification

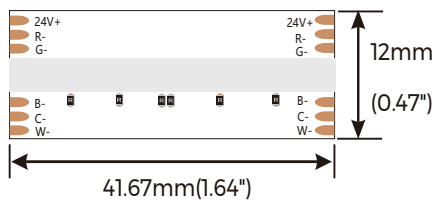
DP11RGBSWW

24V-12mm



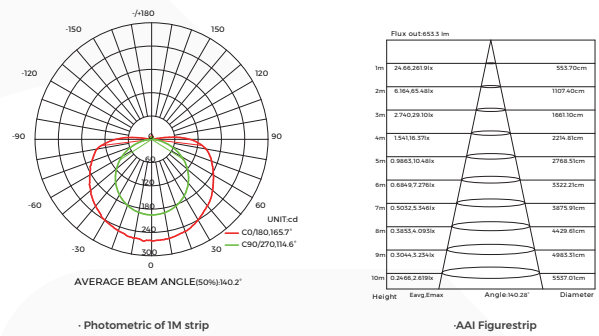
【General description】

- RGB+CCT, Five-color light strip
- Stronger Anti-bending Resistance
- Milky Surface Without "Yellow"
- Easy installation and maintaining



【Dimension】

Input voltage: DC24V	Max.length: 5000mm(16.4')
CRI: 90	Cutting unit: 41.67mm(1.64')
Max.power: 19.8W(1m)	LED pitch: /
Power range: 16.2-19.8W(1m)	Min. bend diameter: Φ 60mm(2.36')
Rated current: 0.75A(1m)	Mounting: 3M tape
Typical Power: 18W(1m)	Copper foil: 2oz
tape IP: IP20/IP65/IP67	
On-off times: 10000 (test times)	
Warranty: 3years	

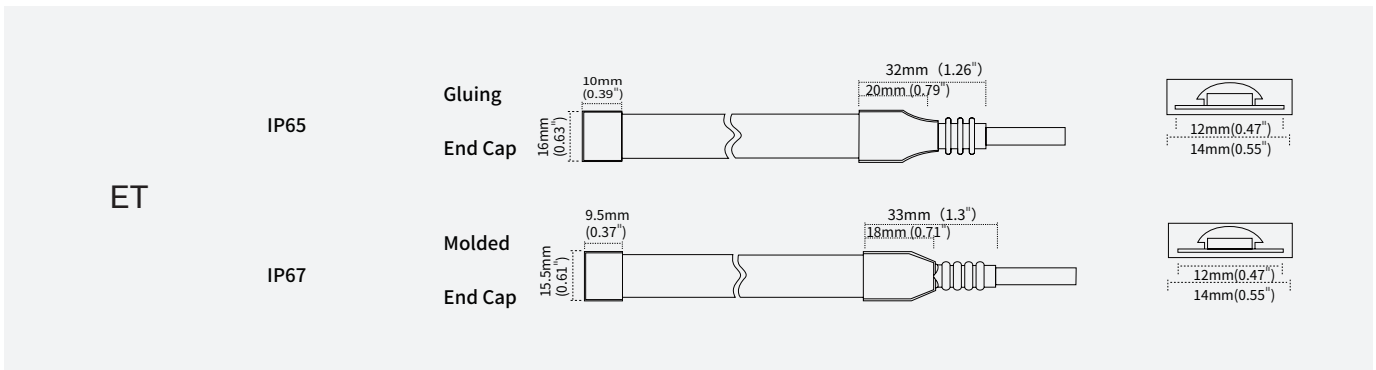


【Photo-electric Parameters】




CRI	Color	CCT	Lumen(lm/m)	Lumen(lm/ft)	lm/W	ErP 2019
/	R	620-630nm	95	167	26	/
/	G	520-530nm	380	167	113	/
/	B	450-460nm	50	182	19	/
Ra>90	SW	2700K	330	182	80	/
Ra>90	W	6500K	340	167	82	/
/	RGBSWW	RGB+2700K+6500K	1150	167	66	/

- 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 IP20/1meter
- 4.IP protection process leads changes to size, CCT and luminous flux.






【IP process information】



【Electronic & output data】

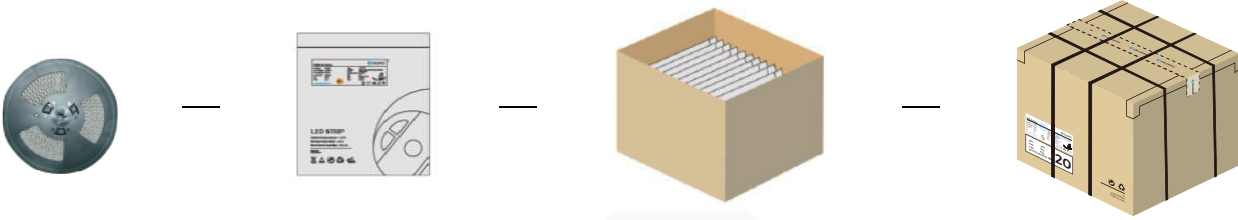
IP Process	Picture	Picture description	Size	optional CCT/color for finished product	lumen output rate
NO		No proof	12mm*2.1mm	RGBSWW	100%
NA		Nano-proof	12mm*2.1mm	RGBSWW	98%
ET		Extrusion tube	14mm*4.8mm	RGBSWW	88%

【Accessories Information】

Name	Picture	Code	coding	description
Fixed Clip		94-02-00-0004	FSW12SA	Silicone clip, screw: PA 3*8mm, suitable for 12mm FPC,EF/ET strip
Silicone Plug Kit		94-02-00-0048	DT12EA-A	Silicone plug kit, suitable for 12mm board width, ET/EF series silicone extrusion light strip
Silicone stopper kit		94-02-00-0049	DW12EA-A	Silicone tail plug kit, suitable for 12mm board width, ET/EF series silicone extrusion light strip
Mounting groove		94-02-00-0026	CPT12EA-16100100	Transparent PVC mounting groove, suitable for 12mm FPC, silicone extruded EF/ET strip
Stopper glue		94-16-03010001	AS-PG-0003	Silicone gel, suitable for ET/EF/EG/ERG waterproof LED strip

【Packing】

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*12*2.1	5	250	0.18	9	10.35	41*41*26
NA	5000*12*2.1	5	250	0.183	9.15	10.523	41*41*26
ET	5000*14*4.8	5	150	0.56	16.8	19.32	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.



