

SMD Series Specification

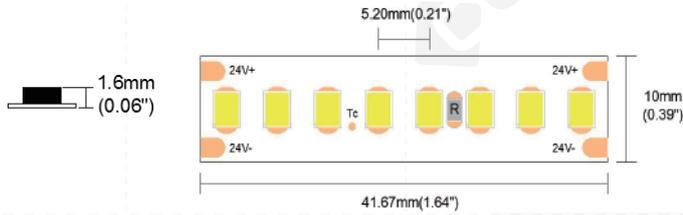
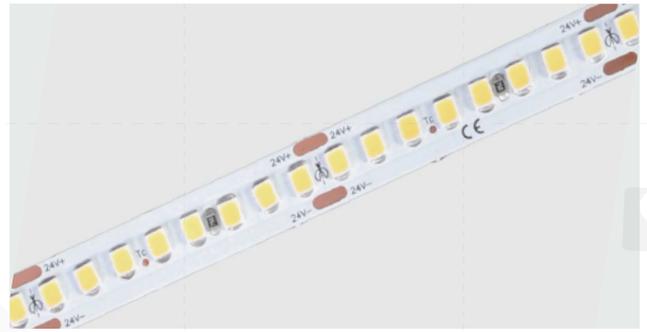
D8192F

24V-10mm



【General description】

- Luminance efficiency up to 155LM/W
- Self-encapsulated design offers five optional 2700-6500K white lights
- With life span over 60000H
- Ta: -25~40°C; Tc: 75°C (max)
- UL/JACK/CE/ROHS/REACH certification



【Dimension】

Input voltage: DC24V

CRI: 90

Max.power: 20.8W(1m)

Power range: 17.0~20.8W(1m)

Rated current: 0.32A(1m)

Typical Power: 18.9W(1m)

tape IP: IP20/IP65

Warranty: 5 years indoor / 3 years outdoor

Max.length: 5000mm(16.4)

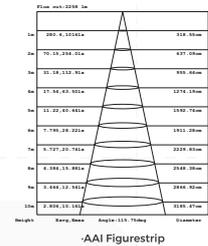
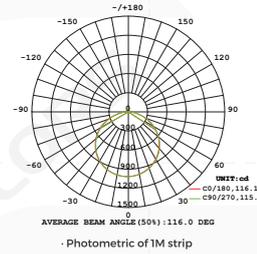
Cutting unit: 8leds/41.67mm(1.64")

LED pitch: 5.2mm(0.21")

Min. bend diameter: Φ 60mm(2.36")

Mounting: 3M tape

Copper foil: 3oz



【Photo-electric Parameters】

CRI	Color	CCT	Lumen(lm/m)	Lumen(lm/ft)	lm/W	ErP 2019
Ra>90	SW	2700K	3190	808	169	D
Ra>90	WW	3000K	3190	972	169	D
Ra>90	PW	3500K	3290	693	174	C
Ra>90	NW	4000K	3325	1014	176	C
Ra>90	W	6500K	3190	972	169	D

- 1.The tolerance of output data can be vary up to 10%.
- 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.

【Electronic & output data】

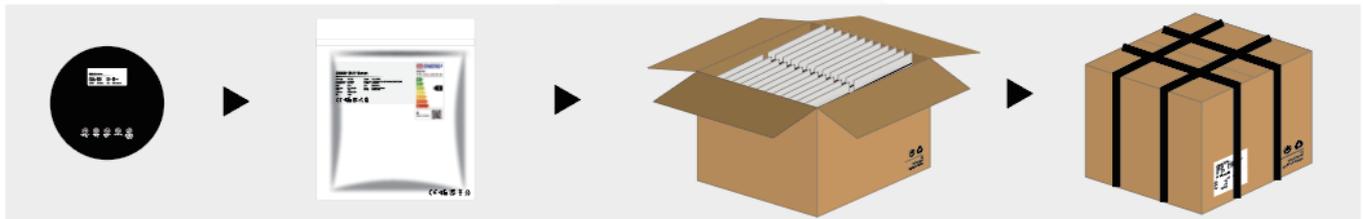
IP Process	Picture	Picture description	Size	optional CCT/color for finished product	lumen output rate
NO		No proof	10mm*1.5mm	2700K/3000K/3500K/ 4000K/6500K	100%
NA		Nano-proof	10mm*1.5mm	2700K/3000K/3500K/ 4000K/6500K	98%

【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*1.5	5	250	0.14	7	8.05	41*41*26
NA	5000*10*1.5	5	250	0.144	7.2	8.28	41*41*26

Remark: data with 10% tolerance

· Engineering packaging of NO(IP20)/NA(IP65).



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*10*1.5	50	500	1.4	14	16.1	41*41*26
NA	50000*10*1.5	50	500	1.44	14.4	16.56	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 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).
- 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.

