

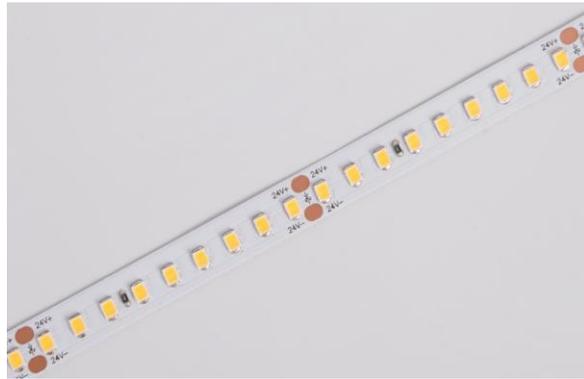
Specification

D8144-24V-10mm



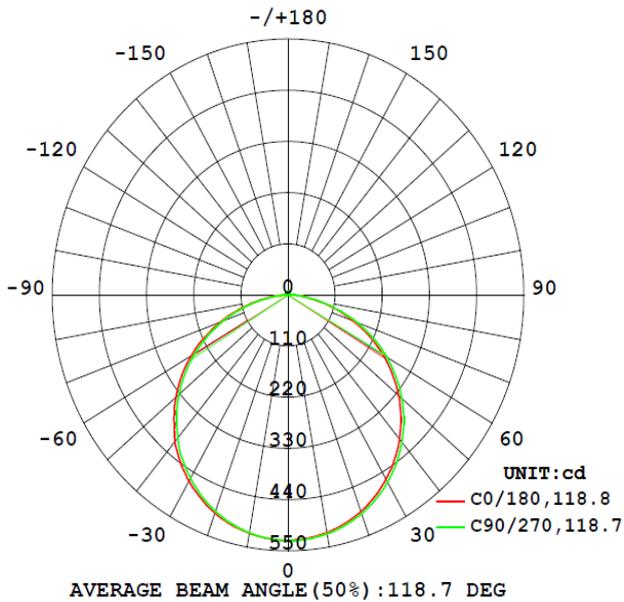
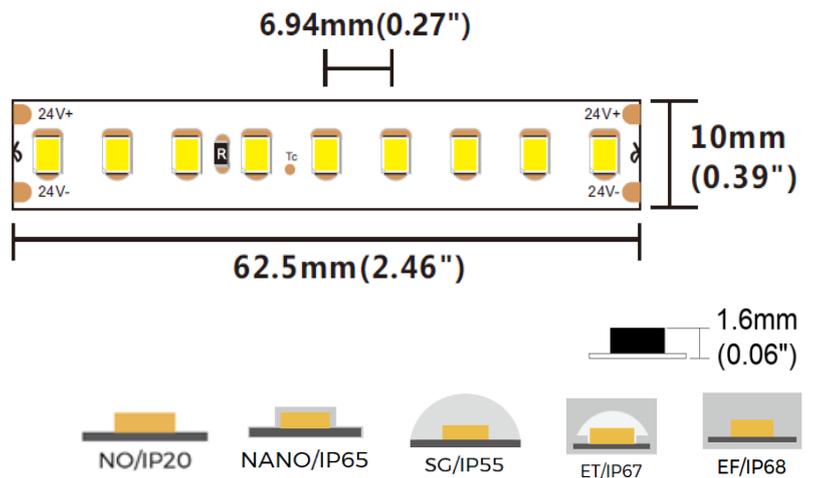
▼General description

- Luminance efficiency Max up to 220LM/W
- Self-encapsulated design offers 4 optional 2700-6500K white lights
- With life span over 60000H
- Ta: -25~40°C; Tc: 75°C (max)



▼Dimension

- Max.length: 5000mm
- Cutting unit: 9leds/62.5mm(0.27")
- LED pitch: 6.94mm(2.46")
- Min. bend diameter: Φ60mm
- Mounting: 3M tape
- IP: IP20/IP55/IP65/IP67
- ※Warranty: 5years



Photometric of 1M strip

Height	Eavg, Emax	Angle: 118.67deg	Diameter
1m	132.2, 528.31x		337.28cm
2m	33.04, 132.11x		674.55cm
3m	14.69, 58.701x		1011.83cm
4m	8.260, 33.021x		1349.10cm
5m	5.287, 21.131x		1686.38cm
6m	3.671, 14.671x		2023.66cm
7m	2.697, 10.781x		2360.93cm
8m	2.065, 8.2541x		2698.21cm
9m	1.632, 6.5221x		3035.48cm
10m	1.322, 5.2831x		3372.76cm

AAI Figure

※Warranty is based on indoor use

▼ Electronic & output data

Input voltage: DC24V

Rated current: 0.29A(1m) /1.2A(5m)

Typical Power: 7W(1m) /28.8W(5m)

CRI: 80

Max.power: 7.7W(1m)

On-off times: 10000 (test times)

Power range: 6.3 ~ 7.7W(1m)

Copper foil: 3oz

CRI	Color	CCT	Lumen(lm)	lm/W	Energy efficiency class
Ra>80	SW	2700K	1370	196	C
Ra>80	WW	3000K	1445	206	B
Ra>80	NW	4000K	1505	215	B
Ra>80	W	6500K	1445	206	B

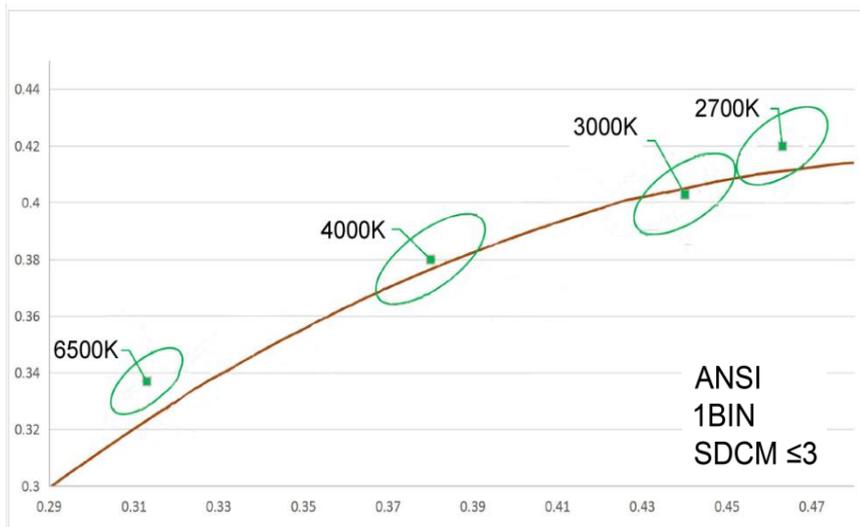
1.The tolerance of output data can be vary up to 15%

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

▼ BIN



▼ 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).