



LED Tape | Specification



XD160
14.4W



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General Description

- Luminance efficiency up to 155LM/W
- Self-encapsulated design offers 4 optional 2700-5000K white lights With a life span of over 60000H
- Ta: -25~45°C; Tc:75°C(max)



Technical Details

Input voltage:DC24V
 CRI:80
 Max.power: 14.4W(1m)
 Power range: 13W~14.4W(1m)
 Rated current:0.54A(1m) /2.4A(5m)
 Typical Power:14.4W(1m) /72W(5m)
 Available Tape IP:IP20/IP67
 On-off times: 10000(test times)
 Warranty: 5years
 Max.length: 5000mm
 Cutting unit:8leds/50mm
 LED pitch:6mm
 Min. bend diameter: Φ60mm
 Mounting: 3M tape
 Copper foil: 2oz

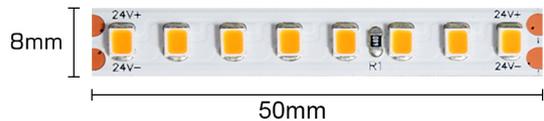
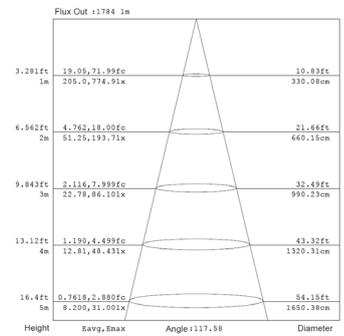
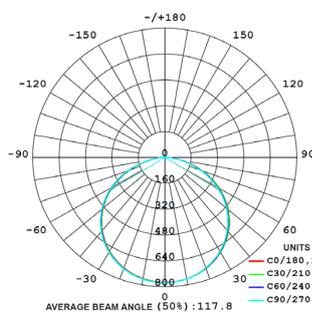


Photo-electric Parameters

CRI	Color	CCT	Lumen(lm/m)	Lumen(lm/ft)	lm/W	ErP 2022
Ra>80	SW	2700K	2030	667	145	D
Ra>80	WW	3000K	2146	705	153	D
Ra>80	NW	4000K	2232	734	160	D
Ra>80	CW	5000K	2232	734	159	D

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

The output data tested according to IES TM-30-15.

The output data is based on IP20/1meter, data of 5m is only for reference.

IP protection process leads to changes in size, CCT and luminous flux.

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Precautions

Please power the led strip with 24VDC isolated power, 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 of the LED Tape.

Do not fold the LED Tape as doing so may damage the LED diodes and/or components.

Do not pull on the power cable as doing so may cause the soldered connection to come away from the solder pads.

Please make sure the cable is connected to the anode (+) and cathode (-) correctly. The power output should be consistent with the voltage of the strip to avoid damage.

The LED tape should be stored in a dry, sealed environment. Please only unpack it before usage. Ambient temperature: -25°C - 45°C . Storage temperature: 0°C - 60°C . Please use indoor strips in an indoor environment with humidity less than 70%.

Please be careful during operation. Do not touch the AC power supply in case of electric shock.

Allow for at least 20% reserved power on the power supply. This will ensure the LED Tape has enough drive from the driver.

Do not use any acid or alkaline adhesives to fix the product (e.g.: glass cement).

Do not scratch the product when IP protection is not available. Ultraviolet rays will damage the nano-layers on the product and seriously affect the life of the product.

We always recommend where possible to house the LED Tape inside one of our profiles. this will help protect the LED Tape from minor damage and remain dust free.

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