



## LED Tape | Specification



**XD60**  
**19.2W RGBW**



[info@xdesign.ie](mailto:info@xdesign.ie)

[www.xdesign.ie](http://www.xdesign.ie)

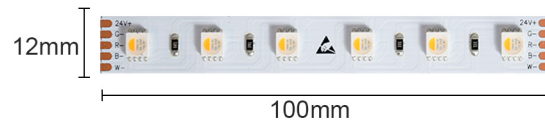
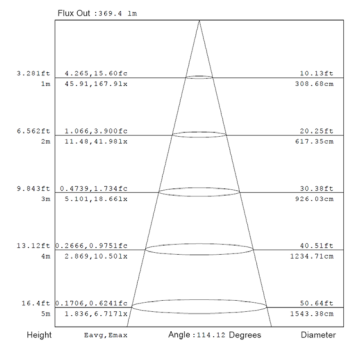
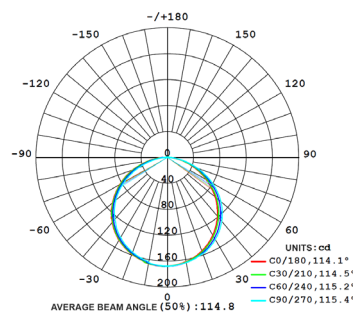
# General Description

- RGBW Colour Changing LED
- Self-encapsulated design offers 2 optional 2700k & 5000K white leds
- Adaptable to all types of controls Including DMX / Dali / KNX / Standalone



# Technical Details

Input voltage:DC24V  
 CRI: N/A  
 Max.power: 19.2W(1m)  
 Power range: 16.8W-19.2W(1m)  
 Rated current:0.7A(1m) /2.91A(5m)  
 Typical Power:19.2W(1m) /96W(5m)  
 Available Tape IP:IP20/IP67  
 On-off times: 10000(test times)  
 Warranty: 5years  
 Max.length: 5000mm  
 Cutting unit:6leds/100mm  
 LED pitch:16.66mm  
 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
N/A	RGBW	/	705	231	39	/
N/A	R	625nm	87	29	/	/
N/A	G	525nm	207	68	/	/
N/A	B	470nm	67	22	/	/
N/A	W	5000K	344	113	/	/

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:  $-25^{\circ}\text{C}$ - $45^{\circ}\text{C}$ . Storage temperature:  $0^{\circ}\text{C}$ - $60^{\circ}\text{C}$ . 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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