

# PRODUCT DATA SHEET



Multi-Color

RGB+W 5050 96LEDs/m 22W/m



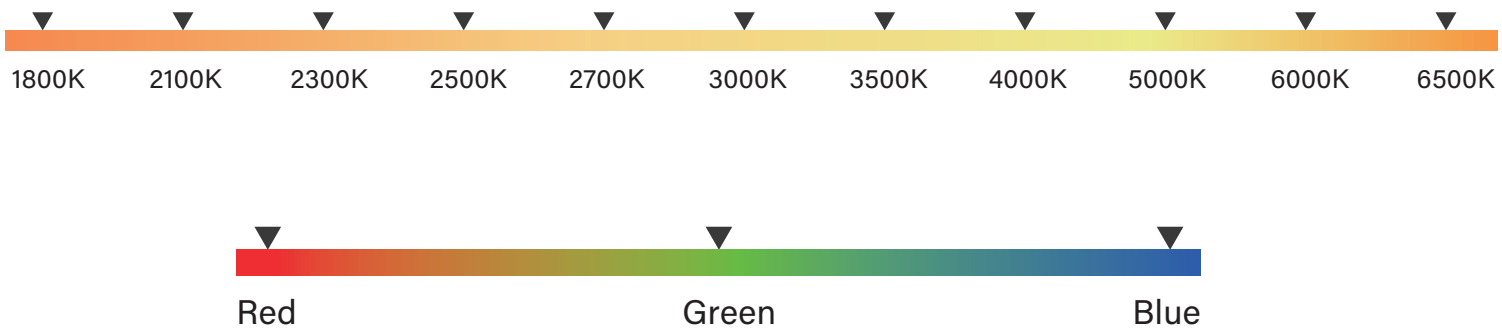
UTFS-MC6096-2412RGB+W



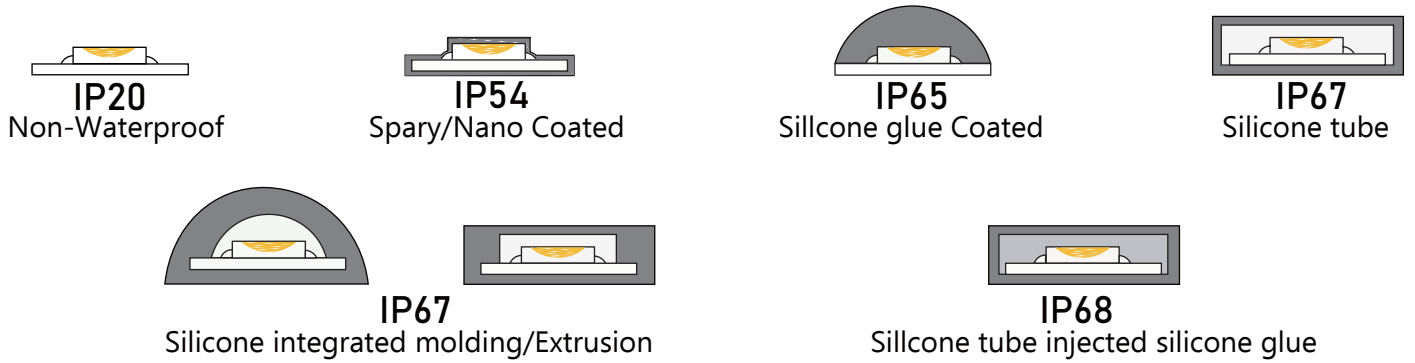
## Product Features

1. ▶ Up to 96 LEDs on single line, high power and high brightness
2. ▶ Compatible with most controllers in the markets
3. ▶ 24Vdc input, less heat and voltage drop then 12Vdc
4. ▶ Offer different IP rates for different applications

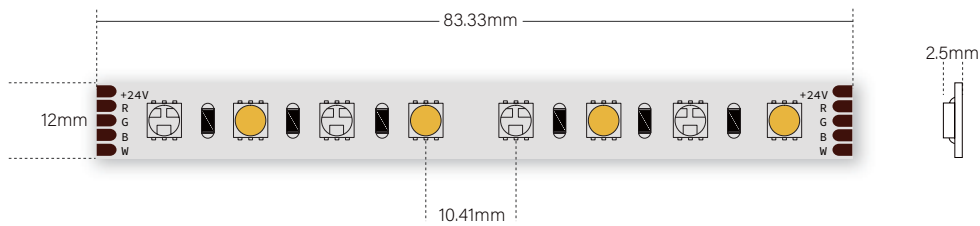
## CCT Option



## IP Rating Option



## Dimensions



### Note:

LED strip length tolerance is + -0.2%mm.  
 Width tolerance is + -0.2%mm.  
 Size of each section is 83.33mm.  
 DC 24V



## Diagram

### Dimension mm/inch

Length/Reel	Width	Height	Min. Cutting ✂
5000/196.85	12/0.4724	2.5/0.0984	Every 83.33mm/3.2807inch (8 LEDs)



## Data

Part Number	Working Voltage	Power (W/m)	Current (A/m)	LED Qty/m
UTFS-MC6096-2412RGB+W	24V	22W/m	0.9294A/m	96

CCT (°K)	Luminous Efficiency	lumen/m
RGB+W2700K	37.46lm/W	824.3lm/m
RGB+W3000K	37.46lm/W	824.3lm/m
RGB+W4000K	38.28lm/W	853.8lm/m
RGB+W6000K	38.28lm/W	853.8lm/m

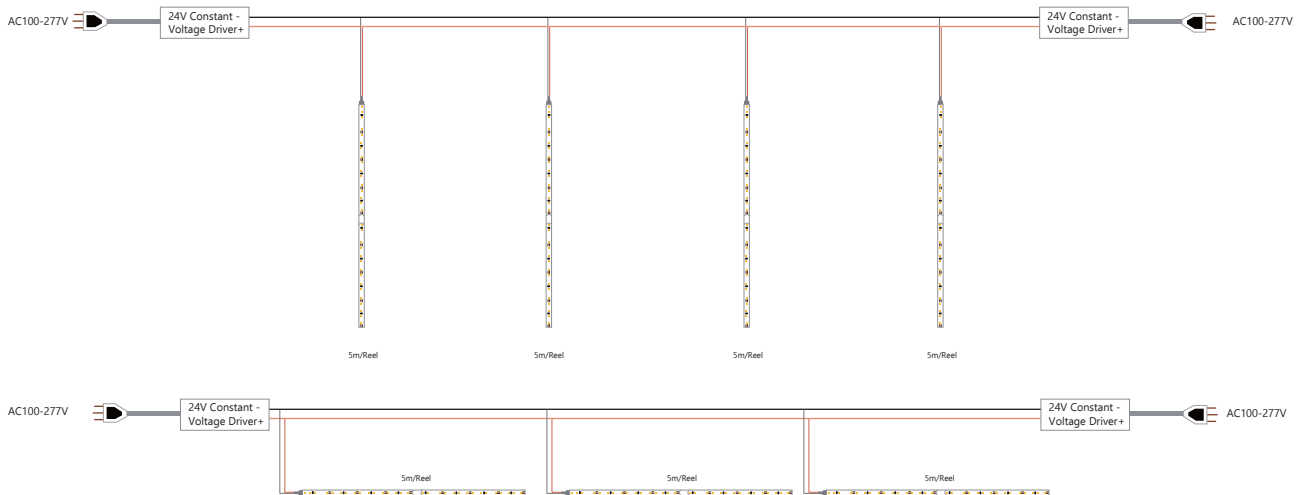
## Note:

The data base on IP20 non-waterproof.  
 The Lumen output value tolerance + -5% due to testing way.  
 The CCT will be + -100k tolerance.

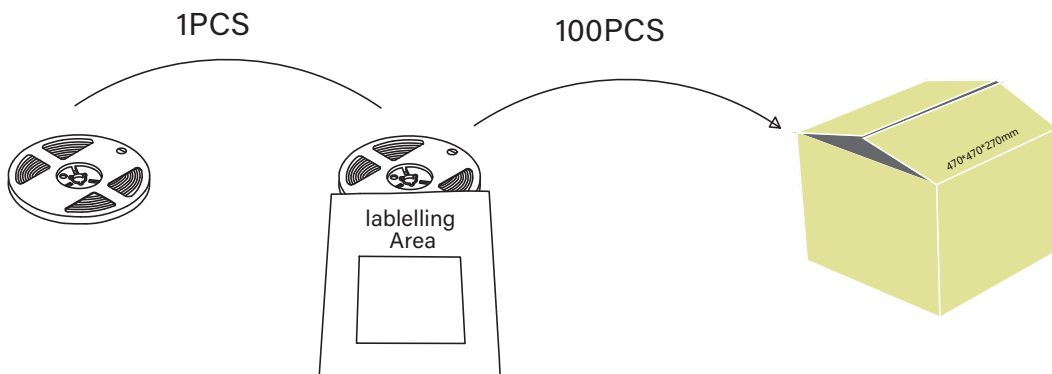
## Absolute Maximum Ratings

Parameter	Symbol	Value	Units
Thermal Measurement Point	Tc	80	
Operating Temperature	Topr	-20~+40	°C
Storage Temperature	Ts	-20~+80	
Number of FPC Connection			

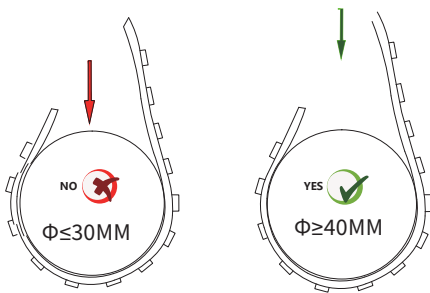
## Wiring Diagram Application



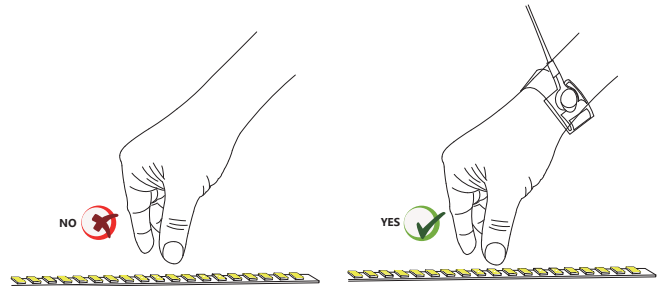
## Packaging



## ⚠ Cautions



<50mm diameter of wrapped object prohibited



Pls wear the electrostatics ring for avoid ESD

## ✓ Safety & Disclosures

1. ▶ Do not install the led strip in environment where excessive heat may occur.
2. ▶ Do not extend beyond the recommended maximum run length.
3. ▶ Only use copper wiring. Use wires rated for at least 176°F(80°C) and certified for use with external connection of electrical equipment.
4. ▶ Do not install IP20 LED strip products in outdoor / wet location environments.
5. ▶ Excessive handling, bending, and pressure may damage the product, voiding the warranty.
6. ▶ Improper wire selection and installation could overheat wires, and cause fire.
7. ▶ Do not connect directly to high voltage or AC power.
8. ▶ Installation must be in accordance with local and national electrical code regulations.
9. ▶ To ensure safety and correct installation, our strips are intended to be installed by a qualified, licensed electrician.