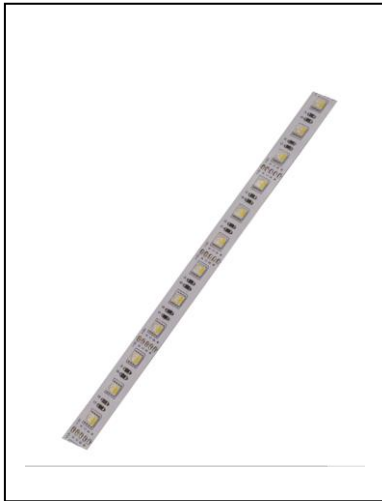


Best for curve lighting



RAU082A



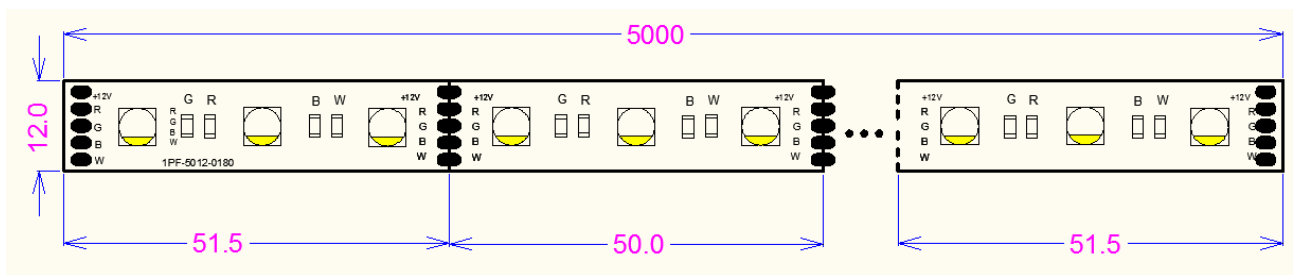
## 1. Features

- ◇ Rolled cooper FPC, better thermal dissipation & bend-ability
- ◇ 22WAG or above cables
- ◇ Each 3 LED per unit with a couple of soldering pads for secondary operation
- ◇ Enhanced 3V 5050 LED especially for strip products
- ◇ per meter 60pcs led

## 2. Applications

- ◇ Curve lighting
- ◇ Freeze lighting
- ◇ Light bar light source
- ◇ Special sign

## 3. Dimensions



## 4. Environmental and Application Conditions

Ambient temperature range (TA on free air)	-25...+50°C
Operating (case) temperature range (TC)	-25...+50°C
Storage temperature range	-25...+60°C
IP rating	IP33

## 5. Electrical parameters

Supply voltage range	12.5 ± 0.5 VDC
Supply Current range (per meter)	Max:1600mA
Power range (per meter)	Max:19.2 W
ESD protection	Contact 4KV, Air 8KV

## 6. Optical parameters

Part No.	Color Range			Flux per meter	
	Min. CCT or wavelength	Typ. CCT or wavelength	Max. CCT or wavelength	Min. Lumen	Typ. Lumen
RAU082A-R	620nm	625nm	630nm	210LM	230LM
RAU082A-G	520nm	525nm	530nm	230LM	250LM
RAU082A-B	460nm	465nm	470nm	70LM	90LM
RAU082A-W	2800K	3000K	3500K	280LM	306LM

## 7. Attention

- a. Max. Length of strip is 5meters from power supplier to single end.
- b. The LED strip itself and all its components may not be mechanical stressed.
- c. Please ensure that the power supply is adequate power to operate the total load. Only qualified personnel should be allowed to perform installations.
- d. The design of the housing should be according to the IP standards in the application.
- e. If surge protection structure not within power supplier, a lightening protector should be needed additionally.

## 8. Package

Outal carton:45x25x25.6cm, Anti-static bag:240x220x0.07mm.

5 meters per reel, 1 reel per bag, 40 bags per boxes.