



1. Features

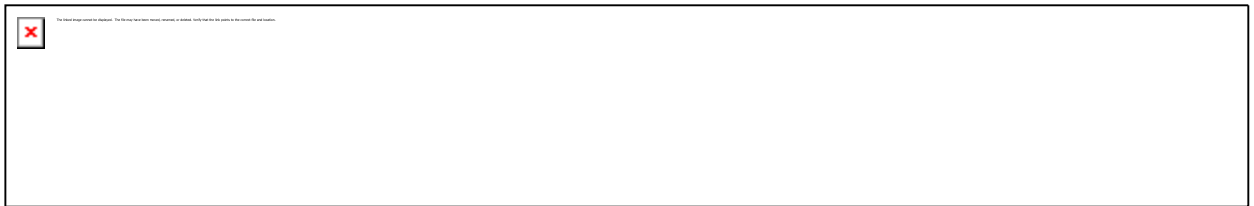
Each 3 LED per unit
 WS2811C

◇ 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:1200mA
Power range (per meter)	Max:14.4 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
RAQ082L-R	620nm	625nm	630nm	120LM	150LM
RAQ082L-G	520nm	525nm	530nm	400LM	480LM
RAQ082L-B	460nm	465nm	470nm	70LM	90LM

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 lightning protector should be needed additionally.

8. Package

Outal carton:45x25x25.6cm, Anti-static bag:186x197x0.12mm.

5 meters per reel, 1 reel per bag, 60 bags per boxes.