

Best for curve lighting

TQX072A



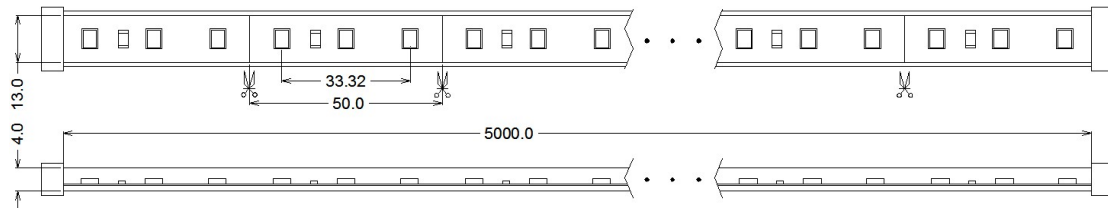
1. Features

- ✧ Rolled cooper FPC, better thermal dissipation & bend-ability
- ✧ 20WAG or above cables
- ✧ Each 3 LED per unit with a couple of soldering pads for secondary operation
- ✧ Enhanced 2835 LED especially for strip products

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	IP65

5. Electrical parameters

Supply voltage range	12.5 ± 0.5 VDC
Supply Current range (per meter)	1000mA
Power range (per meter)	12 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
TQW072A	6000K	7000K	8000K	918LM	1134LM
TQC072A	10000K	16000K	22000K	918LM	1134LM
TQM072A	3000K	3200K	3400K	918LM	1134LM
TQR072A	620nm	625nm	630nm	291.6LM	361.8LM
TQY072A	588nm	591nm	594nm	259.2LM	318.6LM
TQG072A	520nm	525nm	530nm	545.4LM	669.6LM
TQB072A	460nm	465nm	470nm	178.2LM	221.4LM

7. Attention

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

8. Package

Outal carton:45x25x25.6cm, Anti-static bag:240x220x0.12mm.

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