

12VDC/560mA/6.72W/780typ.Lumen/120 Beam angle

1. Features

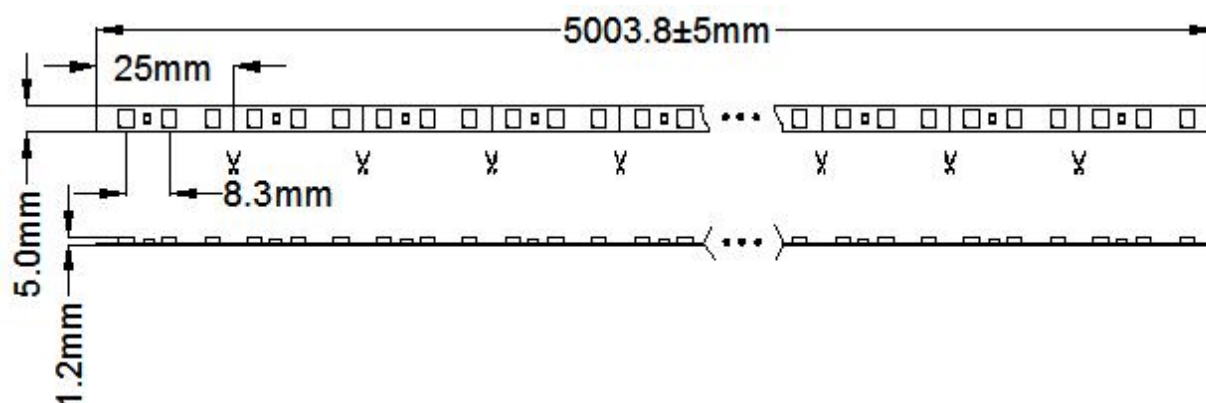
- Rolled cooper FPC, better thermal dissipation & bend-ability.
- 20WAG or above cables.
- Each 3 LED per unit with a couple of soldering pads for secondary operation.
- Enhanced 2835 LED especially for strip products.



2. Application

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

3. Dimensions



4. Optical parameters (module base)

Part No.	Color Range			Flux Range		Beam angle
	Min. CCT or wavelength	Typ. CCT or wavelength	Max. CCT or wavelength	Min. Lumen	Typ. Lumen	
RQW094A	6000K	7000K	8000K	780LM	900LM	120°
RQC094A	10000K	16000K	22000K	780LM	900LM	120°
RQM094A	3000K	3200K	3400K	780LM	900LM	120°
RQR094A	620nm	625nm	630nm	156LM	204LM	120°
RQY094A	588nm	591nm	594nm	108LM	144LM	120°
RQG094A	520nm	525nm	530nm	468LM	576LM	120°
RQB094A	460nm	465nm	470nm	156LM	192LM	120°

5. Electrical parameters

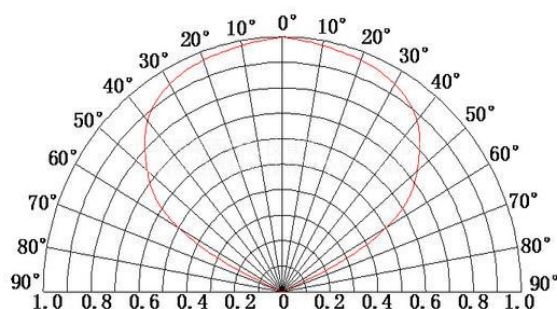
Supply voltage range (rated)	12.5±0.5VDC
Supply Current range (per module)	560mA
Power range (per module, rated)	6.72 W
number of lamp beads (per metre)	120pcs
ESD protection	Contact 4KV, Air 8KV

Note: The current will change in a certain range if the supply voltage changes

6. Environmental and Application Conditions

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

7. Light distribution graph



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 lightening 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.