

24VDC/800mA/19.2W/1780typ.Lumen
/120 Beam angle

1. Features

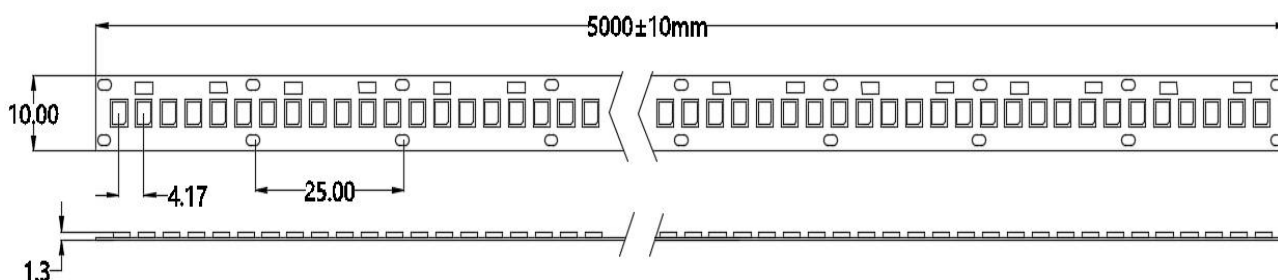
- Constant Voltage Technology, 5 meters per series.
- Rolled cooper FPC, better thermal dissipation & bend-ability
- High efficiency chip, high brightness and reliability.
- Each 6 LED per unit with a couple of soldering pads for secondary operation
- 20WAG or above cables
- 5 years warranty.



2. Application

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

3. Dimensions



4. Optical parameters (module base)

Part No.	Color Range			Flux per meter	
	Min. CCT or wavelength	Typ. CCT or wavelength	Max. CCT or wavelength	Min. Lumen	Typ. Lumen
RQW07DA	6000K	7000K	8000K	1720LM	1920LM
RQC07DA	10000K	16000K	22000K	1750LM	1950LM
RQM07DA	3000K	3200K	3400K	1700LM	1860LM
RQR07DA	620nm	625nm	630nm	450LM	520LM
RQY07DA	588nm	591nm	594nm	460LM	520LM
RQG07DA	520nm	525nm	530nm	900LM	1050LM
RQB07DA	460nm	465nm	470nm	260LM	280LM

5. Electrical parameters

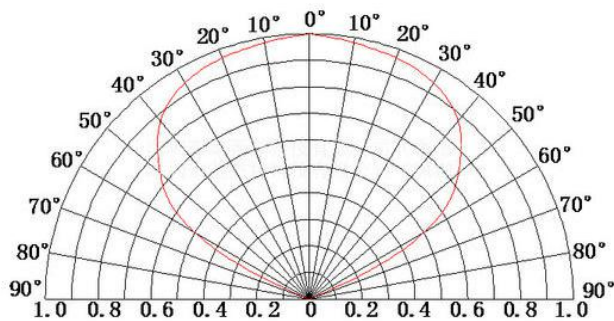
Supply voltage range	24 ± 0.5 VDC
Supply Current range (per meter)	800mA
Power range (per meter)	19.2 W
number of lamp beads (per metre)	240pcs
ESD protection	Contact 4KV, Air 8KV

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.