

12VDC/60mA/14.4W/1550typ.Lumen  
/170 Beam angle

### 1. Features

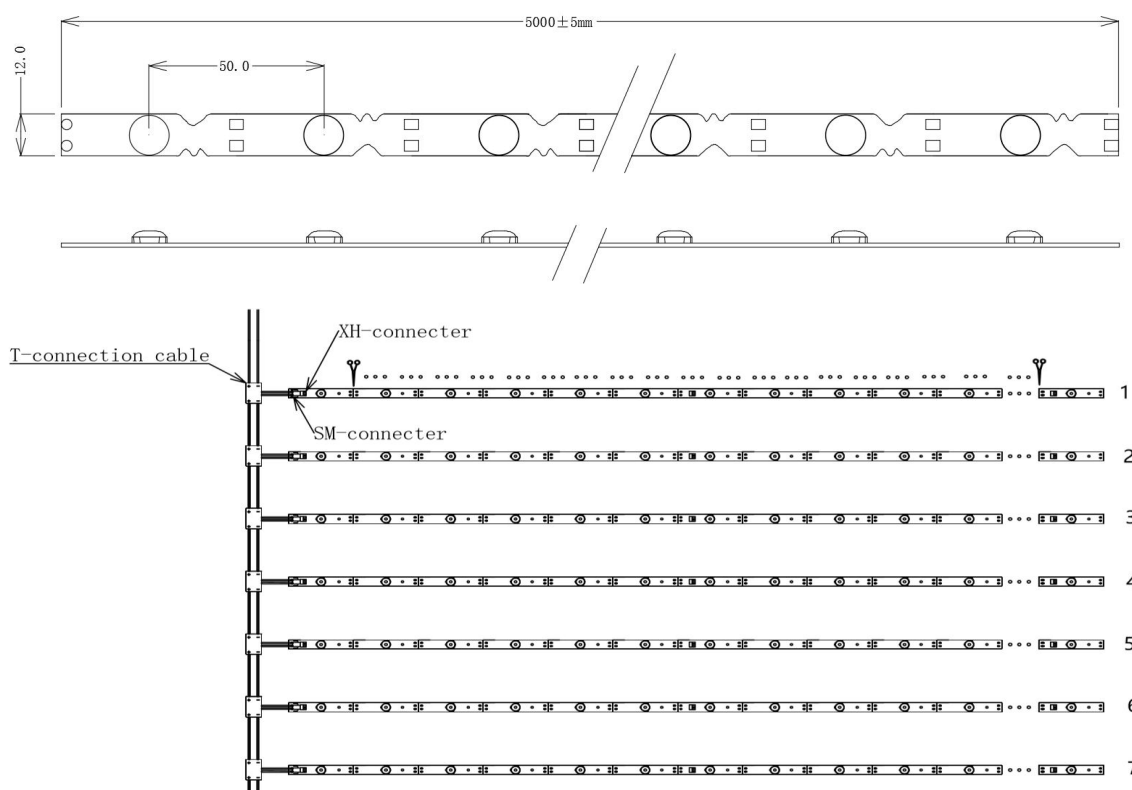
- P:D=2:1
- Rolled cooper FPC, better thermal dissipation & bend-ability.
- Each 1 LED per unit with a couple of soldering pads for secondary operation
- High efficiency chip, high brightness and reliability.
- 5 years warranty.

### 2. Application

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



### 3. Dimensions



### 4. Optical parameters (module base)

PN	Input	Power/m	Color Typ.	LED qty	Dimensions mm	Flux/m Typ.	Beam angle
RQW38NA	DC12V	14.4W	6500K	20	5000*12	1550lm	170°
RQM38NA	DC12V	14.4W	3500K	20	5000*12	1550lm	170°
RQC38NA	DC12V	14.4W	9000K	20	5000*12	1400lm	170°

## 5. Electrical parameters

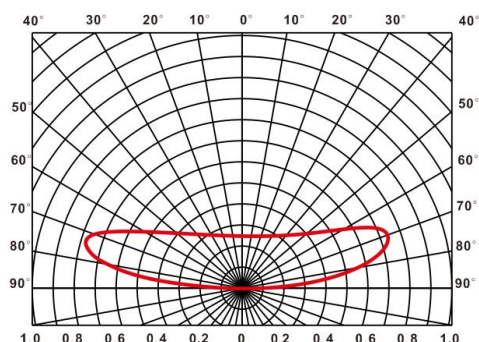
Supply voltage range (rated)	12.5 ± 0.5VDC
Supply Current range (per module)	1200mA
Power range (per module, rated)	14.4 W
number of lamp beads (per metre)	20pcs
ESD protection	Contact 4KV, Air 8KV

*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°C
Operating (case) temperature range (TC)	-25...+50°C
Storage temperature range	-25...+60°C
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.