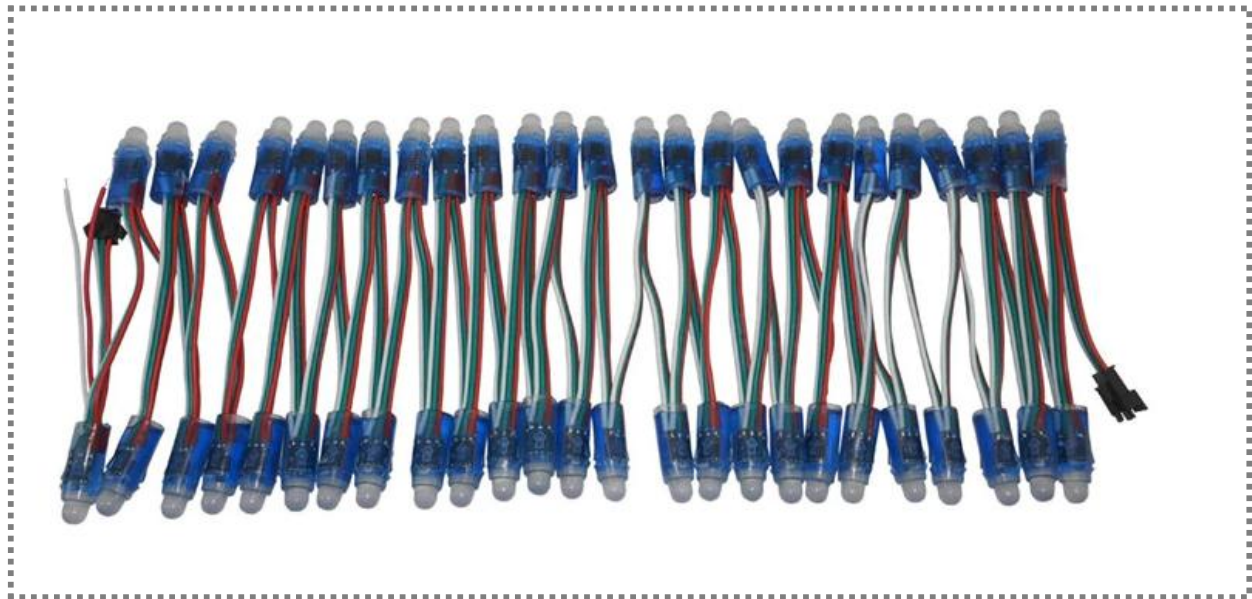


12mm Round RGB led pixel string light



● Quick Details

Part NO	RL-12mm-ws2811-F8-RGB-5V(12V optional)
Lighting Source	F8 RGB Dioide
Beam Angel	120 degree
Operate Voltage	DC12V
Consumption Watt/M	0.5Watt (max)
Quantity/string	50pcs
Cable length between each light	10cm (customized length available)
Luminance (mcd)	R:300:G1000 B:300
IC chip	Ws2811
Cable	AWG20
Installing	Drilling 12mm hole
Waterproof Grade	IP67(inject full dripping glue)
Working temperature	-40℃ -40℃
warranty	2years

● Features

- 1.This addressable round LED pixel have 50pcs in a string,
- 2.10cm wire length between each LED,wire size:20AWG,
- 3.It used a silicon case make waterproof by inject A/B Epoxy
- 4..DC12V power requirement only(do not exceed 6VDC or short circuit) - no polarity protection,

5.3/Pin JST SM connector (non-waterproof) soldered in each end of string,

6.The extra 2 single wire for powering in input side

With three wires Date Pin for signal transfer , GND and +DC5V ,signal input need to be connected to controllers

7. Controller System: SD controller , DMX controller , Art net and so on .

● Wire Define

There is 3 Pin JST SM female/male connector on both end for signal input/output ;

Green : Date ; Blue: Clock Note; (3 wire version ,ucs1903,ws2811 ,Date&Clock wire combined on one Green wire)

Red : +12V ; Green: Data white:GND

3wire version (ucs193,ws2811,TM1803ect)

Signal wire define



● Dimension chart

