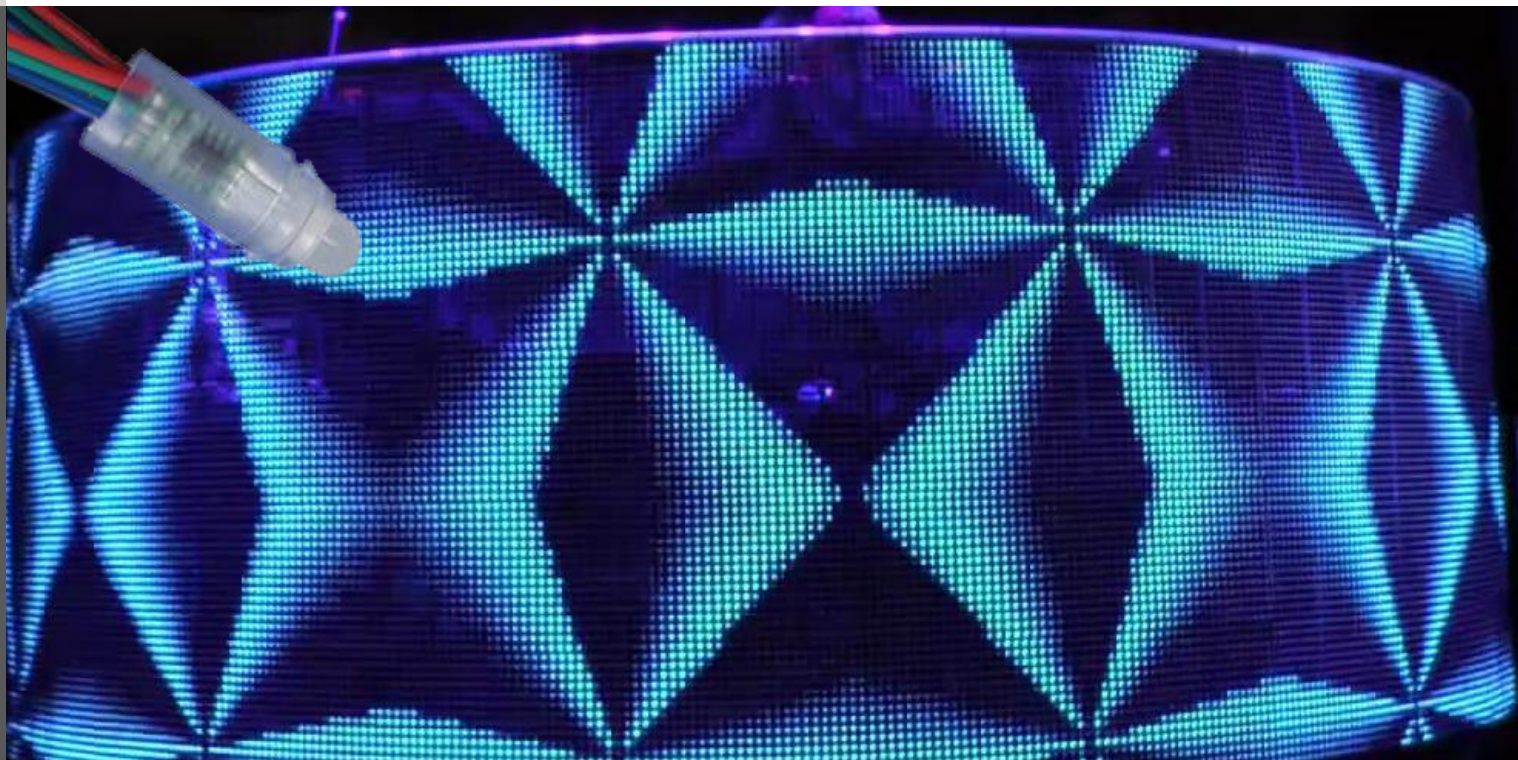


12mm LED Module– Dot Series

12mm LED Module for advertisement billboard, christmas lighting, and other decoration
V2.1



Feature:



Certificates:



Feature:



Dimension: 12mm

Input Voltage: DC 5V

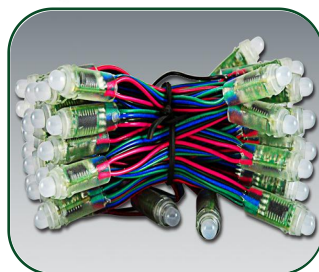
Power: 0.3W

50 modules / string with standard 10cm pitch

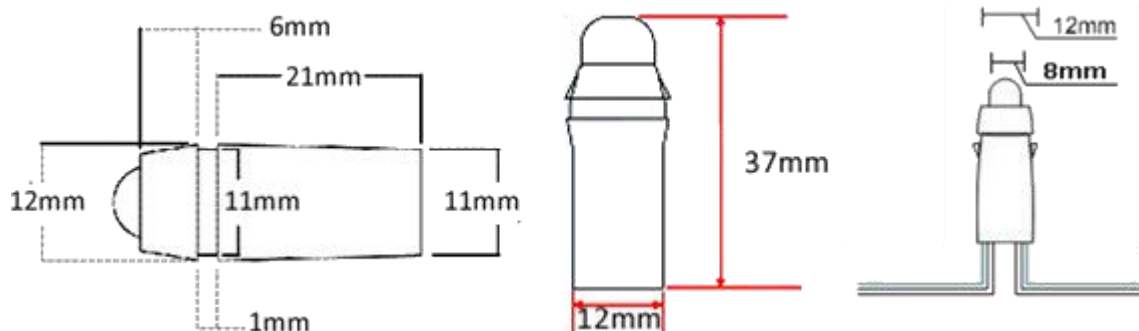
φ12mm and drill 12.0-12.3mm hole for installation

The module controllable by 2811 LED controller

Application: Lighting box, Advertisement billboard, Exposed luminous characters, Club Screen on the ceiling or the wall, Digital ceiling light, Digital LED wall and so on.



Product size and Parameters



Unit: mm

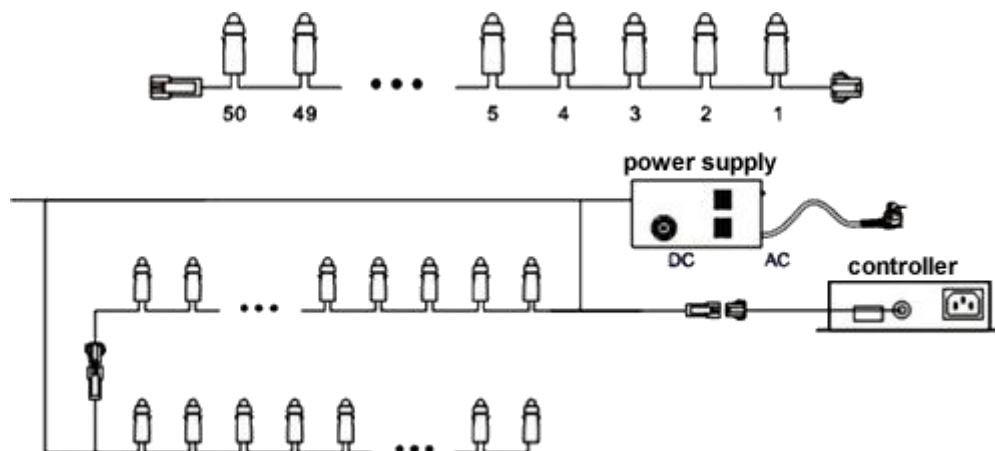
PRODUCT SPECIFICATION

LED, Input and Control	Model NO.	LED-PL12SPI28110101	LED-PL12SPI28210101
	LED type and QTY	Φ8 DIP LED *1	Φ8 DIP LED *1
	Emitting angle	120 degrees	120 degrees
	Color	RGB full color	RGB full color
	Pixels/ string	50pcs/string	50pcs/string
	Operating Voltage	DC 5V	DC 5V
	Power	MAX=0.3W	MAX=0.3W
	Control Protocol	WS2811	DMX512
Physic and Environment	Dimension (PCB)	10MM	10MM
	Dimension (housing)	12*37MM	12*37MM
	Base Material	PVC	PVC
	LED Source Life	50,000 hours, based on test data of LED manufacturer	
	Temperature	-4°F to 122°F (-20°C to 50°C) operating temperature	
	Humidity Range	0 to 95% non-condensing	
	Protection	IP65	IP65
	Package	50 pcs / string, 350 pcs / bag, 4200 pcs / carton	50 pcs / string, 350 pcs / bag, 4200 pcs / carton

Remark: Specifications are subject to change without notice.



Wiring Diagram



Accessories



Model Definition

LED- PL 12 SPI 2811 01- 01

01=Pixel Quantity

01=LED Quantity

SPI2811=Control Protocol

12=Diameter(mm)

PL=Pixel Light

LED=ISEELED

