

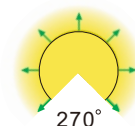


Icon:



Beam Angle:

- Lamp Source: SMD 5050
- Beam Angle: 270°



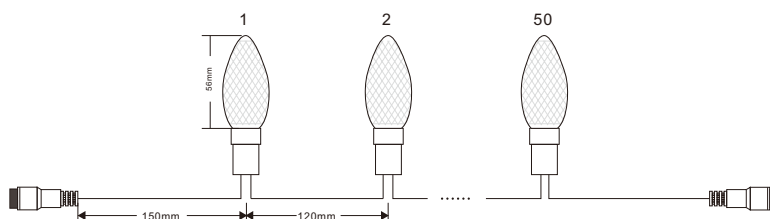
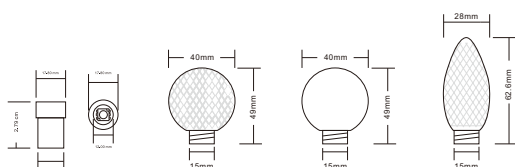
Features:

- 1.C9 Christmas light for outdoor application. Widely used for landscape lighting decoration, music festival, night bar, club, KTV, shopping mall, amusement park, streets, windows and other lighting.
- 2.One pixel per bulb. Each pixel individually control. GS8208 and SK9822 IC optional.
- 3.Color and effect: addressable lights you can set to any color, or animate, like running water, chasing and scanning etc.
- 4.GS8208 led has two data signal line /2 date pin, any pixel failure won't affect signal transfer, unless two consecutive adjacent led are broken.
- 5.SK9822 led has data pin and clock pin for signal transmission.
- 6.50pcs lamps per chain with 12 cm space (standard length) but it's could customization.
- 7.Low voltage DC 5V /12V / optional.Do not short circuit and do not use higher than the rated voltage or it will burn the pixel.
- 8.The PVC case is optical design to outlet lighting from different angle.
- 9.The connectors are waterproof, the Male with Pin is Input.
- 10.The whole string light is waterproof IP67.
- 11. Controller System : SD controller , DMX controller , Artnet and so on.

Technical Specification:

Part No	SJ-C9
Lighting Source	SMD 5050 RGB(BGR) LED / F8 Diode
Beam Angle	270 degree
Operate Voltage	DC 24V/12V/5V
Consumption Watt/PC	0.4/0.2/0.3 Watt (max)
Size (mm)	Height 85* Diameter 27.5 mm
Material	PVC
IC chip	GS8208 / SK9822 full color
Length	50Leds / string , can be customized
Waterproof Grade	IP 67
Lifetime	50000Hours
Working temperature	-20°C-50°C
Storage temperature	-30°C-70°C

Dimension Details: Unit : mm (millimeter)



Accessories Display:



Shell



two types of bases



PCB board : SMD 5050 / F8 Diode



4pin waterproof connector

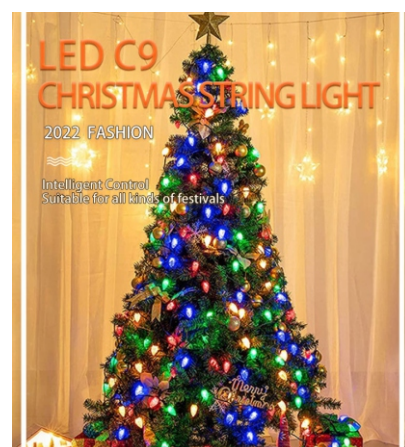
Live Shooting With Lights On:



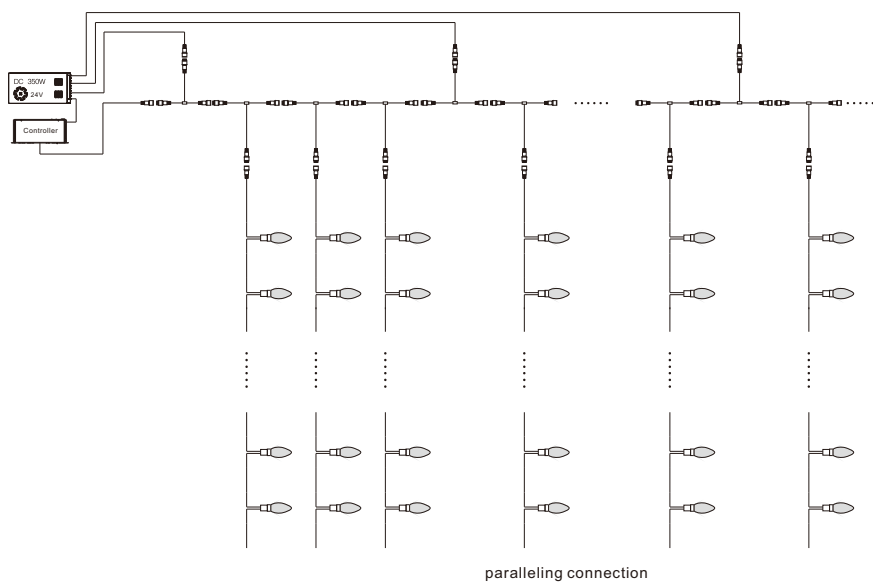
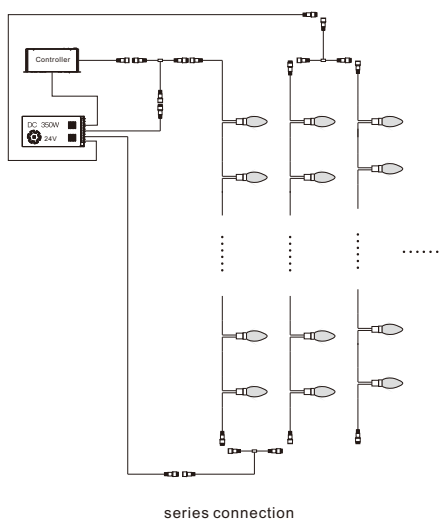
Real Time Lighting Diagram:











Application:



System Schematic Diagram:



Compatible Drivers:

Power Supply	Waterproof Type	Current Range	Watts	Voltage	Diagram
LPV-60-12/24V	Waterproof power supply	8.33/2.5A	60W	DC12V	
LPV-100-12/24V	Waterproof power supply	12.5/4.16A	100W	DC12V	
HLG-150-12/24V	Waterproof power supply	20/6.25A	150W	DC12V	
HLG-320-12V	Waterproof power supply	26.66A	320W	DC12V	
LRS-350-5/12/24V	non-waterproof power supply	70/29.16/14.58A	350W	DC5/12V	
LRS-450-5/12/24V	non-waterproof power supply	90/37.5/18.75A	450W	DC5/12V	
SE-600-5/12/24V	non-waterproof power supply	120/50/25A	600W	DC5/12V	
SE-1000-5/12/24V	non-waterproof power supply	200/83.33/41.66A	1000W	DC5/12V	



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