

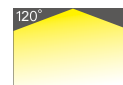


Icon:



Beam Angle:

- Lamp Source: SMD 5050
- Beam Angle: 120°



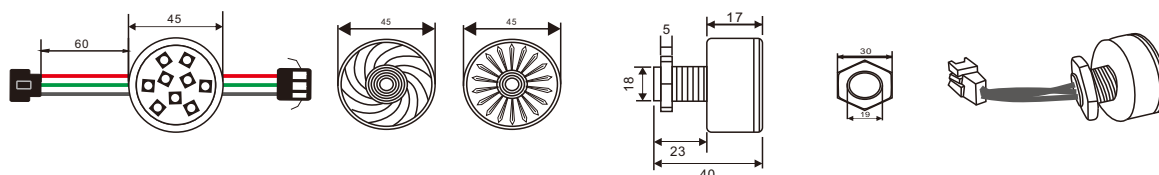
Features:

- 1. Digital pixel LED light for outdoor & indoor application. Widely used for amusement park, shopping mall, streets, billboards, windows and other lighting.
- 2. Color and effect: addressable lights you can set to any color, or animate, like running water, chasing and scanning etc.
- 3. Combination: PVC shell (thermostability, cold-resistant, resistant to UV) and PCB board, connector cables.
- 4. Waterproof IP66, with silicon glue waterproof protection.
- 5. Easy to install, drill the hole diameter 19mm.
- 6. With features of high brightness, low power dissipation, long lifespan, low voltage, low decline, colorful.
- 7. DC24V and DC12V optional. For the DC24V version, power supply should use a24V DC power supply to power this pixel, do not short circuit and do not use higher than 25V or it will burn the pixel.
And for the DC12V version, don't use higher than 13V and do not short circuit.
- 8. Connectors: 3PIN /4PIN JST female and male connectors/ waterproof connectors.

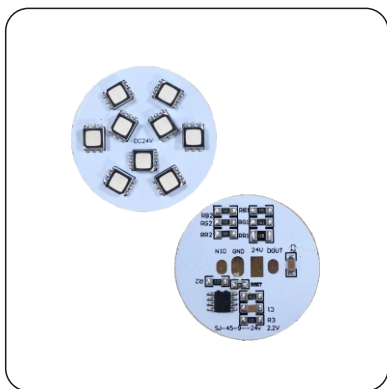
Technical Specification:

Part No	SJ-4591C
Lighting Source	9pcs SMD5050 RGB LED
Beam Angle	120 degree
Operate Voltage	DC 24V/12V
Consumption Watt/PC	2.88 Watt (max) / 2.16 Watt (max)
Diameter(mm)	45mm diameter
Install hole	19mm install hole
IC chip	UCS2903 /GS8206 full color
Cover	Transparent/ / milky white
Waterproof Grade	IP66
Lifetime	50000H
Working temperature	-20°C-50°C
Storage temperature	-30°C-70°C

Dimension Details: Unit : mm (millimeter)



Accessories Display:



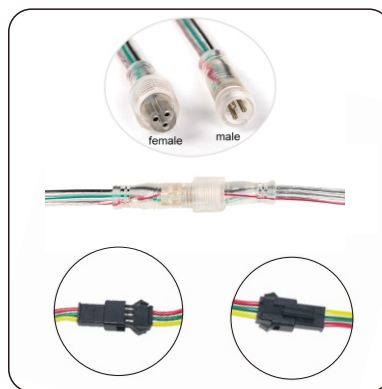
PCB board



Three caps optional



Shell and nut



Waterproof and non waterproof connector

Live Shooting With Lights On:



Real Time Lighting Diagram:

Flat transparent cover



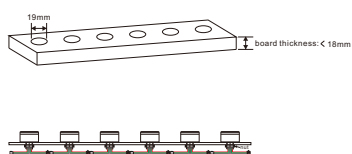
Spiral transparent cover



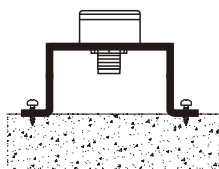
Linear transparent cover

Installation Details: Unit : mm (millimeter)

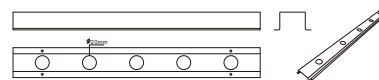
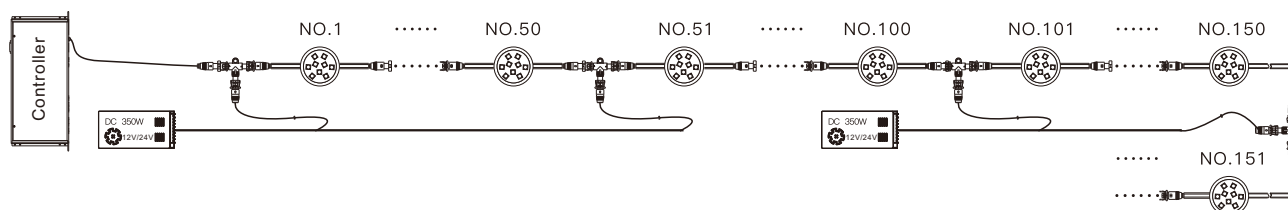
Install hole diameter : 19mm



First insert the aluminum groove and then screw it onto the wall



The color and size of the aluminum groove can be customized

**System Schematic Diagram:**

- The power connection section is for reference only. The actual situation prevails.
- Product specifications update, if necessary, please contact us!

Compatible Drivers:

Power Supply	Waterproof Type	Current Range	Watts	Voltage	Diagram
LPV-60-24V	Waterproof power supply	2.5A	60W	DC24V	
LPV-100-24V	Waterproof power supply	4.1A	100W	DC24V	
LPV-150-24V	Waterproof power supply	6.25A	150W	DC24V	
HLG-240-24V	Waterproof power supply	10A	240W	DC24V	
HLG-320-24V	Waterproof power supply	13.33A	320W	DC24V	
LRS-100-24V	non-waterproof power supply	4.1A	100W	DC24V	
LRS-150-24V	non-waterproof power supply	6.25A	150W	DC24V	
LRS-200-24V	non-waterproof power supply	8.3A	200W	DC24V	
LRS-350-24V	non-waterproof power supply	14.5A	350W	DC24V	
LRS-450-24V	non-waterproof power supply	18.75A	450W	DC24V	



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