

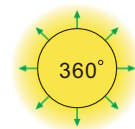


Icon:



Beam Angle:

- Lamp Source: SMD 5050
- Beam Angle: 360°



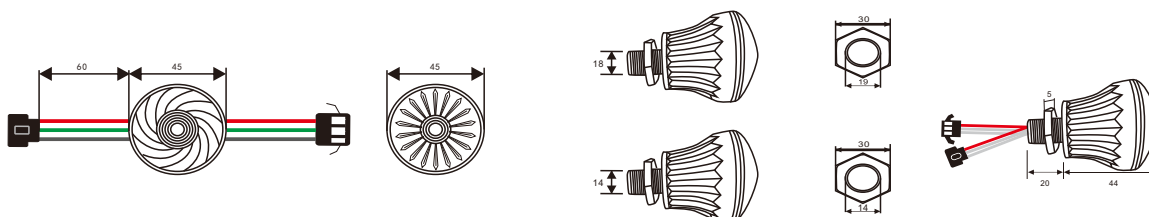
Features:

- 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 and 15mm optional.
- 6. With features of high brightness, low power dissipation, long lifespan, low voltage, low decline, colorful.
- 7. Power supply should use a 24V DC power supply to power this pixel, do not short circuit and do not use higher than 25V or it will burn the pixel.
- 8. Connectors: 3PIN JST female and male connectors / waterproof connectors, DAT, DC24V+, GND

Technical Specification:

Part No	SJ-4512-24V
Lighting Source	12pcs SMD 5050 RGB LED
Beam Angle	360 degree
Operate Voltage	DC 24V
Consumption Watt/PC	2.88 Watt(max)
Diameter(mm)	45mm diameter
Install hole	19mm/15mm install hole
IC chip	UCS2903 full color
Cover	Transparent
Waterproof Grade	IP 66
Lifetime	50000H
Working temperature	-20°C-50°C
Storage temperature	-30°C-70°C

Dimension Details: Unit : mm (millimeter)



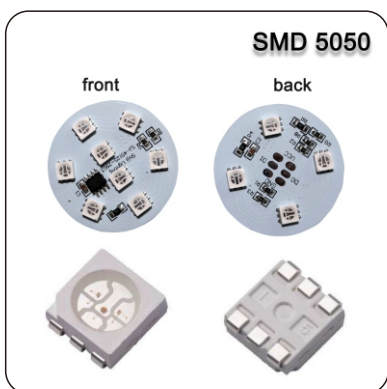
Accessories Display:



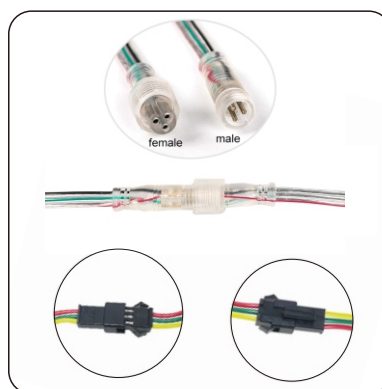
Shell and nut



Two types of caps



PCB board(front 8LEDs,back 4LEDs)



Waterproof and non waterproof connector

Live Shooting With Lights On:



Real Time Lighting Diagram:

Linear transparent cover



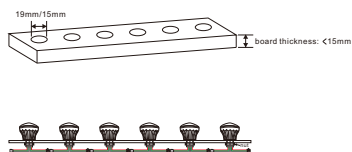
Spiral transparent cover



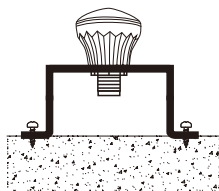
Spiral transparent cover

Installation Details: Unit : mm (millimeter)

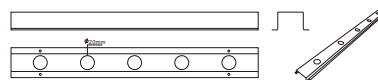
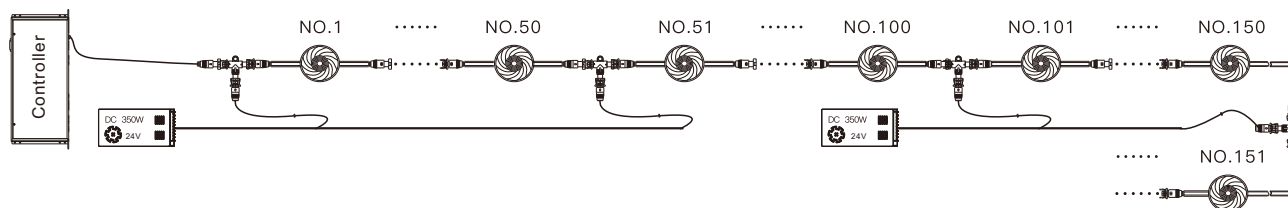
Install hole diameter :19mm/15mm



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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