

# Meteor in One Light Engine User Manual

## 9555-LS2

### Dear Users

Thank you for choosing our new generation LED light engine. By reading this manual, you can fully understand the characteristics and how to use our light engine.

We will continue to optimize the product design, if there's any change, our sales department will keep you noted if there's any update in the design.

### Safety Notes

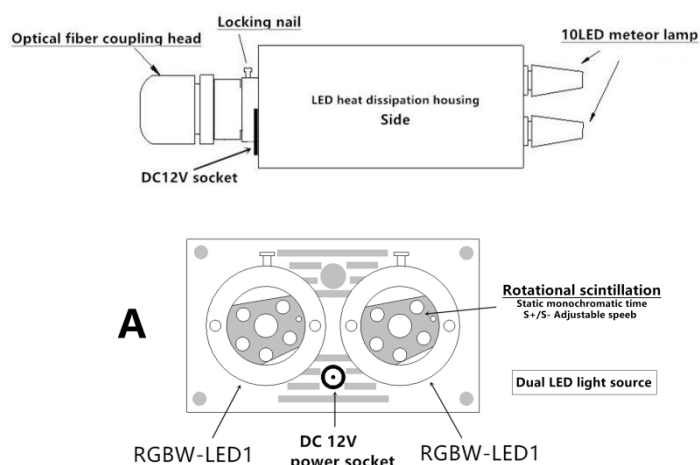
1. When using this machine, please make sure that the input voltage used matches this engine's designed voltage.
2. Non-professional personnel are not allowed to disassemble this engine, which may cause danger.
3. This machine is not waterproof, so it needs to be kept dry. Please choose a suitable environment when using it.

### Technical Parameters

Voltage: DC 12V (red + black-)  
Power: Max 32W (depending on luminous color)  
Size: 55\*95\*180mm

### Product Introduction

This light source machine is mainly composed of RGBW intelligent control light engine (constant current) + 10LED meteor lamps. RGBW light engine adopts mobile phone APP + RF remote controller (double control technology), which can realize wireless intelligent control, multi-color, multi-mode, automatic color change, etc effects. Built-in voice control function, make the lights can change along with music rhythm. RGB + W means it has colorful lights, together with pure white light. With memory function, it will keep the same effects with last time (before power off). Rich functions and simple operation; 10LED meteor can also switch modes and adjust speed by mobile phone APP + remote controller. After the integration of starry sky + meteor, the fuselage can be minimized, which is convenient for installation in various compact environments and realizes the effect of stars + meteors all over the sky.



### APP Control



Scan to download APP : LED LAMP

### Operating Steps

- 1 Scan QR code to download APP by mobile phone
- 2 The light engine needs to work under DC12V power supply
- 3 Directly click on the LED LAMP APP (Bluetooth needs to be turned on) by mobile phone
- 4 Select the first sub-software, LED BLE, and the system will automatically connect with the light engine.
- 5 For more operation methods, you can view the tutorial in the APP

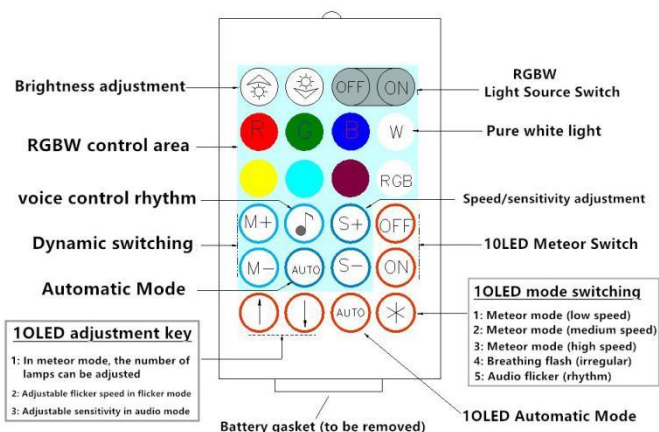
### Precautions:

You don't need to search or match the Bluetooth on your mobile phone. Just open the Bluetooth Function on, Open the LED Lamp APP, Connect the light engine with power, then the APP will automatically search and connect with the light engine.

(Support IOS & Android)

### RF Remote Control

RGBW+10LED wireless remote controller



Mobile APP control 10LED:



Brief introduction of 10LED control

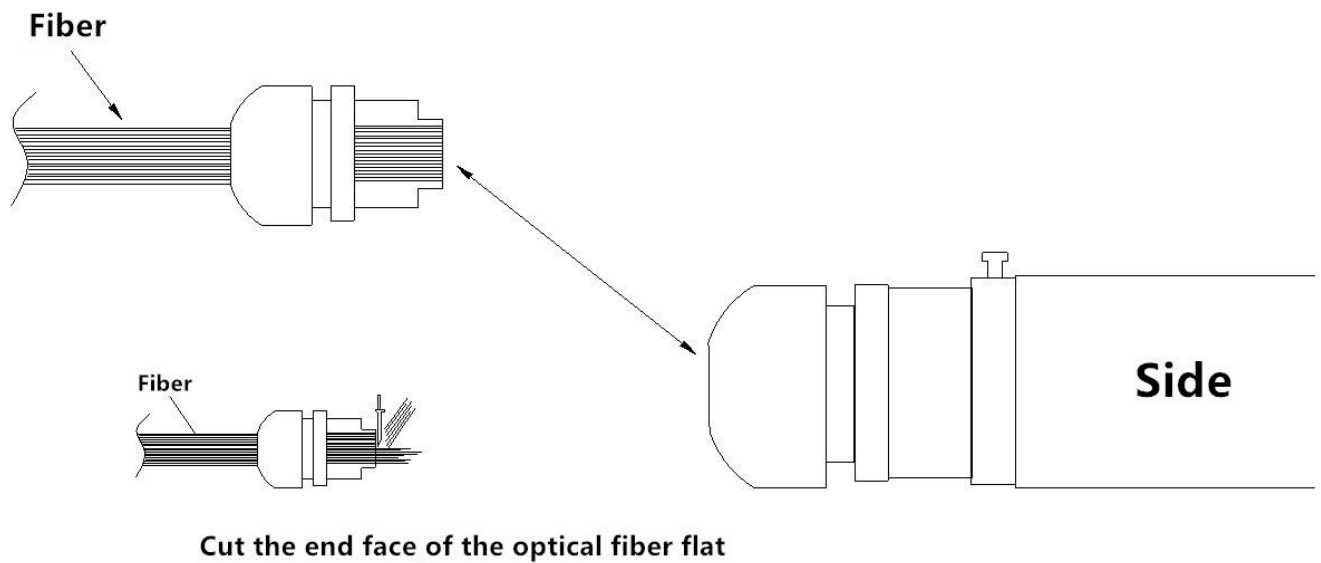
#### K1 mode switching

- 1: Meteor mode "low speed"
- 2: Meteor mode "medium speed"
- 3: Meteor mode "high speed"
- 4: Breathing flashes "irregular"
- 5: Audio flashing "rhythm"

#### K2 K3 adjusting key

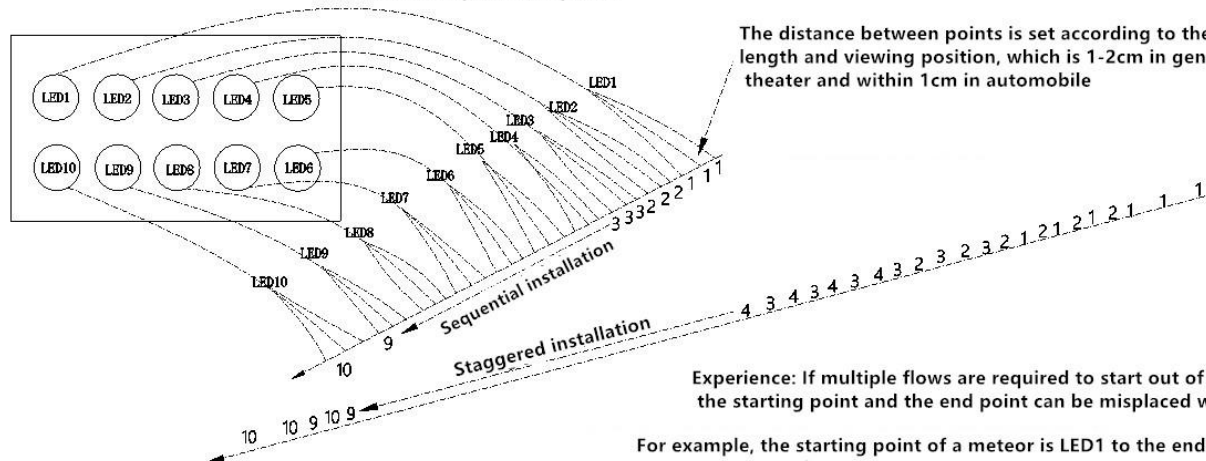
- 1: In meteor mode, the number of drag lights can be adjusted
- 2: Adjustable flicker speed in flicker mode
- 3: Adjustable sensitivity in audio mode

## How to Connect Optic Cable to the Light Engine's Port:



## Installation Method of Meteor Lamp:

For example, if the total length of meteors is 50CM and the distance between points is 1CM, 50 points (i.e., 50 optical fibers) are needed, and each group of LED controls 5 optical fibers, which can be made into a row in sequence to form a meteor; Make two or more meteors and add optical fiber copies. If you need a longer meteor length, you can lengthen the point distance or add optical fiber points



Experience: If multiple flows are required to start out of sync, the starting point and the end point can be misplaced when installing;

For example, the starting point of a meteor is LED1 to the end point LED7, and the meteor of B can be LED4 to LED10; C channel meteor LED3 to LED8, the specific requirements are set according to yourself

FCC Warning:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.