Matrix LED lights for Drone
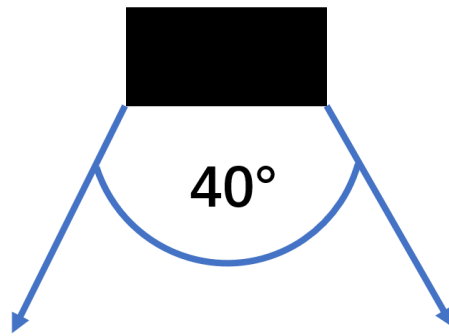
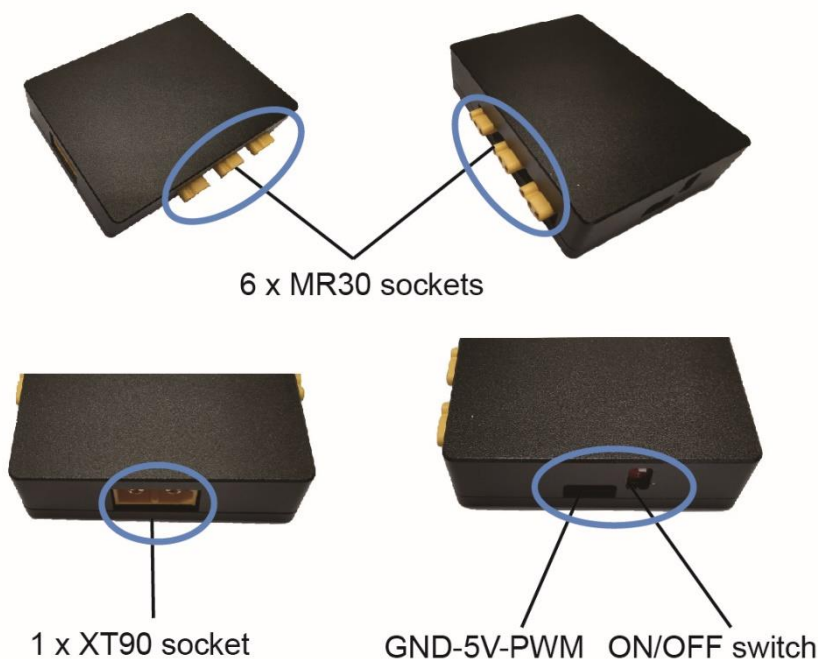## User Manual

L series

General use

L series is airborne matrix LED light for drone-lighting. It is equipped with 18 LED beads with total 10000lm luminance. The lampshade is specially designed to have a concentrating 40° lamination scale.

This light can be directly connected through MR30 cable to drone for power and PWM control. It can also team up with others and be connected through a transfer-board to drone.

Open the box

- N x L series airborne matrix LED light. (1 x cable MR30)

- 1 x Transfer-board (6 x MR30 sockets, 1 x XT90 socket, 1 x PWM cable)

6 x MR30 sockets

1 x XT90 socket   GND-5V-PWM   ON/OFF switch

Before use

1. Connect the LED light with the transfer-board through MR30 cable. Connect the transfer board with power supply with XT90 socket 20-80V.

2. Connect the PWM cable on the transfer-board into flight control and set the channel source as PWM on the remoter.

3. Open the on/off switch in transfer-board.

4. Have a trial ON/OFF before taking-off.

Illumination

5. Take off the drone until it reaches your target height.

6. Turn on the lights and adjust the brightness as your will.

Landing

7. Land the drone safely. And turn off the LED lights.

8. Disconnect the LED lights from the power supply.

Technical data

	L 10000
Power	90W
Measurement	230*40*22mm
Input	DC20V ~ 80V
Current	1~4A
Temp. protection	60 °C
LED type	CREE LED
Illumination	10000lm
Remote control	Off: PWM<1.2ms
	On: PWM≥1.2ms
	Brightness adjustment: 1.2~2.0ms