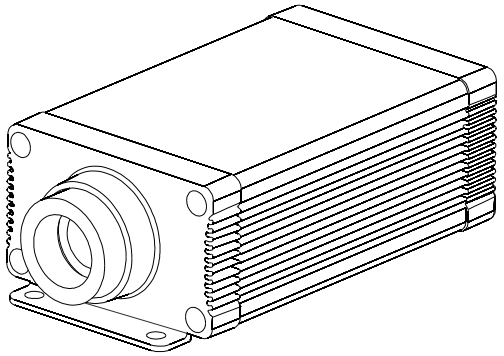
LIGHT ENGINE

USER MANUAL

MODEL: LLE-004TW



Accessories:

Fiber Connector .....1 PC

RF Remote Controller..... 1 PC (Optional)

User Manual .....1 PC

Power Adaptor .....1 PC

CE

RoHS

LIGHT ENGINE
USER MANUAL

Welcome to use LLE series of mini light engine. Please read the manual carefully before turning on the light engine. If you have any questions concerning the operation or maintenance, please contact your wholesaler.

Safety Instruction

1. Keep out of rain or moist area to avoid shock hazards;
2. Avoid to use at high ambient temperature (>40℃);

LLE-004TW Tunable white light engine

1. Technical Data

Voltage:	12V DC	Power:	10W
LED:	1-8W(White)	CCT:	2700-6000K
LED Life:	50000H	Standard Aperture:	Φ14mm (Optional: Φ18mm)
Size:	L133XW71XH46 mm	Weight:	0.24 Kg

2. Installation

The installation dimension of Light Engine and rear panel (Fig. 1)

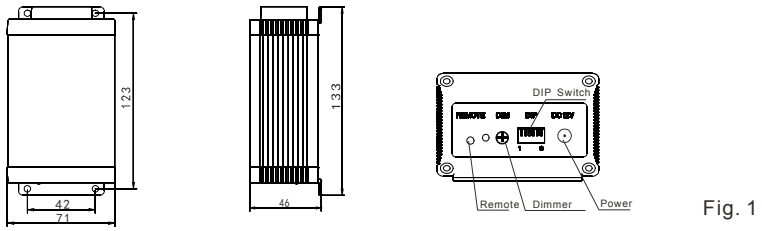


Fig. 1

3. Installation of the fiber optic strands (Fig.2)

(1) Cut the fiber strands to the specified length. If the fiber cable has the PVC sheath,peel off 5-10cm of the PVC jacket carefully and avoid hurting the raw fiber strands;

(2) Collect all fiber strands in one bundle and tightly enlace it with the tape at the 10cm location from the end. Insert the fiber bundle into the PG joint till it reaches out of the fiber connector, and then fasten the PG joint. Cut the fiber bundle flush with the fiber connector with hot knife;

(3) Insert the finished fiber connector into the fixing flange and fasten the screw tightly;

(4) The installation of the fiber optic strands on the panel;

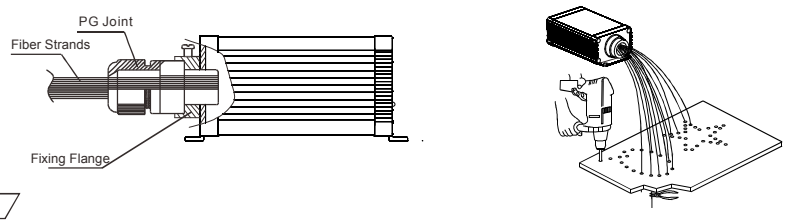


Fig.2

4. Light Engine Setup:

(1) DIP switches: SW1~SW4 for programs selection, please see Attached Table (1=ON, 0=OFF). SW6 for remote controller; (see fig. 3)

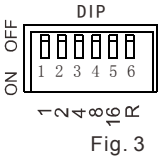
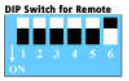


Fig. 3

(2) Calculation of DIP address code:

e. g. 003=2(2)+1(1) 005=4(3)+1(1)

(3) Using of Wireless Remote Controller:

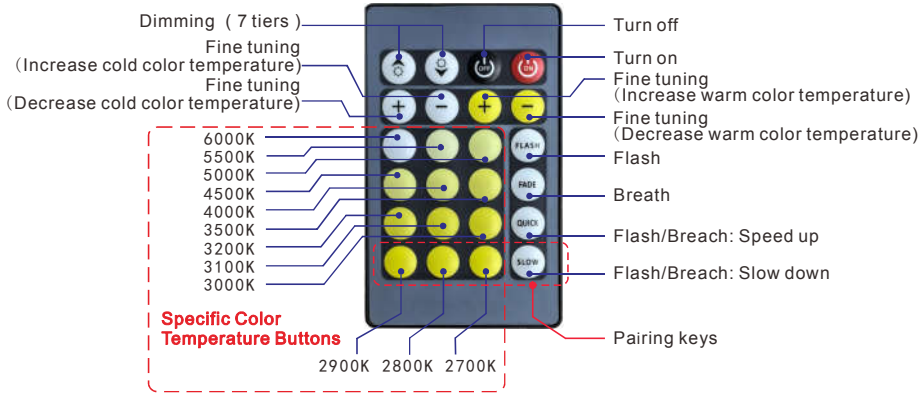


a. Make sure that the SW6 of the DIP switches on the back panel of the light engine is at the "ON" position

b. The remote control needs to be paired with the light engine before use. It has been paired with the light engine by the button “SLOW” by default

How to pair the remote control with the light engine: Pess and hold one of the last row of the four buttons, and then turn on the light engine. When the light engine flashes, the pairing is done.

About the remote control:



Attached Table:

PRO. NO.	DIP SWITCH(1=ON, 0=OFF) 1 2 3 4 5 6	FUNCTION
0 0	0 0 0 0 0 0	NO Light
0 1	1 0 0 0 0 1	White（2700K）
0 2	0 1 0 0 0 1	White（3000K）
0 3	1 1 0 0 0 1	White（3500K）
0 4	0 0 1 0 0 1	White（4000K）
0 5	1 0 1 0 0 1	White（4500K）
0 6	0 1 1 0 0 1	White（5000K）
0 7	1 1 1 0 0 1	White（5500K）
0 8	0 0 0 1 0 1	White（6000K）