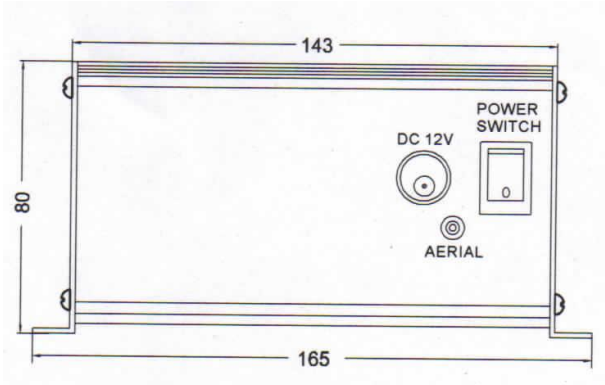
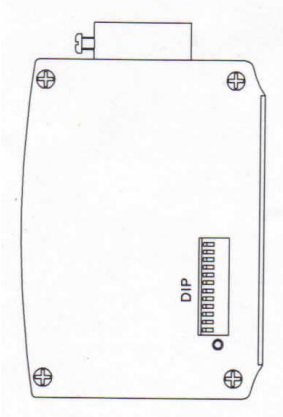
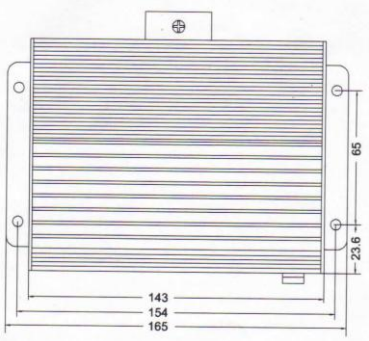


LED LIGHT ENGINE
INSTRUCTION MANUAL

10W LED Illuminator

MODEL: LEE-1001



A. INSTRUCTION FOR LED LIGHT ENGINE

Voltage: 12DC

Avoid use in high temperature areas. (Below 104 Degrees)

Color: White

Light Source: 10W LED

Power Consumption: 15W

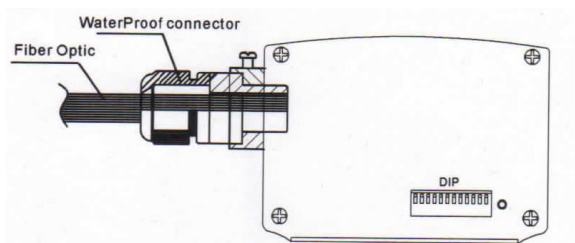
LED Life: 50,000 hours

Max. Quantity for Fiber Connection: 400 X 0.75mm fiber optic per port

Wheels: 1 Twinkle White and 1 Color

B. INSTALLATION:

1. Cut the fiber to the specified length.
2. Peel off 4-10cm of the protection cover of the fiber optic, be careful not to hurt the fiber optic itself.
3. Collect all fibers in one bundle, Enlace all the fiber at the 10cm from fiber end with tape. Insert the fiber optic into fiber connector, screw tightly the waterproof connector. Cut the fiber optic smoothly along with fiber connector with hot knife.
4. Insert the whole finished fiber connector into the fiber fixing ring, screw tightly the Screw.



C. Light Engine Setting

1. DIP address setting:

No. 1-9 as DIP address or program number.

No. 10 and 11 as Remote Control must be in ON position for remote to work.

No. 12 is not used.

Light Engine Setting.

1. DIP address setting: The color changing speed is controlled by DIP Switch No. 1-3 as DIP address. No. 6 as Remote control switch (1 as ON, 0 as OFF).

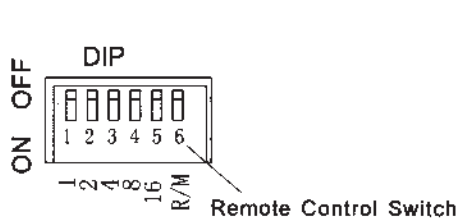


Fig.3

Address	DIP Switch 6	5	4	3	2	1
00	0	0	0	0	0	0
01	0	0	0	0	0	1
02	0	0	0	0	1	0
03	0	0	0	0	1	1
04	0	0	0	1	0	0
05	0	0	0	1	0	1
06	0	0	0	1	1	0

2. Using without remote controller.

- Color Changing: Select the color changing speed program form DIP switch.
- Color Selecting: Select the lowest speed program 06, push DIP no. 2 and no. 3 to ON first. Then push all other DIP switch to OFF when the color goes to your required one.

3. Using wireless remote controller.

- Color Changing: Push DIP switch No. 6 to ON first, and select the color changing speed program from DIP switch.
- Color Selecting: Make sure the DIP switch No. 6 is ON first, The light engine can receive the signal under the mode. Then you can operate from wireless remote controller button A and B.

“A” button: Power ON/OFF - “B” button: Color Selecting and color setting.

**Note: “A” button can only start or stop the wheel rotation.
It is not possible to change the color changing speed.**

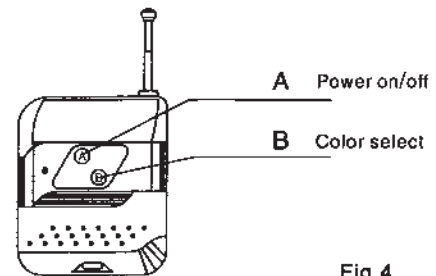


Fig.4

The setting of color changing speed:

PRO NO.	DIP address						EFFECT
	6	5	4	3	2	1	
00	0	0	0	0	0	0	Stop
01	0	0	0	0	0	1	W,G,SKY-B,Y,B,PP,slow change(6 RPM)
02	0	0	0	0	1	0	W,G,SKY-B,Y,B,PP,slow change(4 RPM)
03	0	0	0	0	1	1	W,G,SKY-B,Y,B,PP,slow change(2.5 RPM)
04	0	0	0	1	0	0	W,G,SKY-B,Y,B,PP,slow change(2 RPM)
05	0	0	0	1	0	1	W,G,SKY-B,Y,B,PP,slow change(1.5 RPM)
06	0	0	0	1	1	0	W,G,SKY-B,Y,B,PP,slow change(1 RPM)