INSTRUCTION of LED SERIES
SHOOTING STAR LIGHT ENGINE

A. Safety Instruction

1. Make sure the Light Engine and Power Source have the same voltage.
2. Keep out of rain or moist area to avoid shock hazards.
3. Avoid to use at high temperature(≤40℃)
4. Keep ventilation

B. Technical Data

Model: LEE-1001/ANI
Voltage: 12V DC
Power consumption : 10W
Color&Effect: Light Blue & White, Shooting Star
Light source: 10W white LED
Life of LED: 50000 hours
Fiber quantity: 150pcs of 0.75mm fiber, single port
Size: L165×W125×H80mm^3
Net Weight: 1.0 Kg

C. Installation

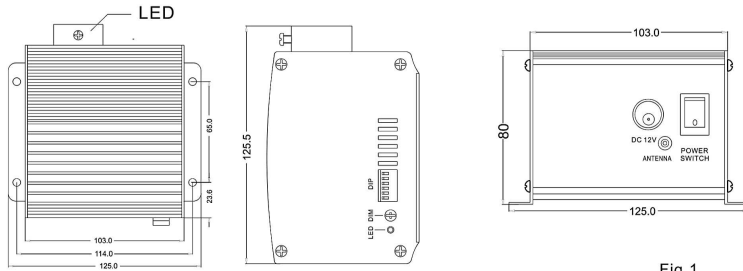The installation dimension of the LEA series Light Engine (see Fig.1)

Fig.1

D.Installation of the fiber optic

1. Cut the fiber to the specified length.
2. Peel off 4-10cm of the protection cover of the fiber optic (if no protection cover, no need to peel off any 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 light engine connector, screw the waterproof connector tightly. Cut the fiber optic smoothly along with light engine connector with hot knife(see Fig.2).
4. Insert the whole light engine connector into the fiber fixing set, keeping the centre of arc in the connector and glass filter center coincident, then screw the nut tightly(see Fig.3)
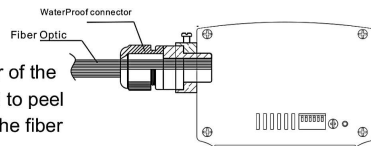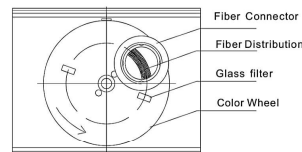

Fig.2

Fig.3

E. Light Engine setting

The wheel speed is controlled by the DIP Switch. No.1-3 as DIP address, No.4 & No.5 is blank, No.6 as Remote control switch(1 as ON,0 as OFF).
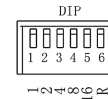

Address	DIP SWITCH 6	5	4	3	2	1
00	0	0	0	0	0	0
01	0	0	0	0	0	1
02	0	0	0	0	1	0
03	0	0	0	0	1	1
04	0	0	0	1	0	0
05	0	0	0	1	0	1
06	0	0	0	1	1	0

Fig.4

1.Using without wireless remote controller:
  Please use DIP switch to select program speed directly.(see attached list)

2. Using with wireless remote controller:
   Firstly set DIP6 into "ON", use button "🔒" to fix color, use button "⏻" to power on/off, use button "☀" "☀" to adjust brightness (6 levels brightness).

Notice：if you want to change the speed of wheel, you have to use DIP switch even when you use it with remote controller mode"
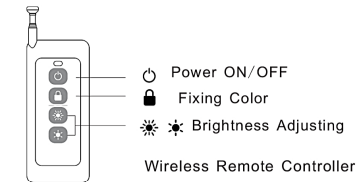

⏻ Power ON/OFF
🔒 Fixing Color
☀ ☀ Brightness Adjusting

Wireless Remote Controller

Fig.5

Attached List

PRO NO.	DIP Switch						FUNCTION
	6	5	4	3	2	1	
00	0	0	0	0	0	0	Motor stop, LED work
01	0	0	0	0	0	1	Shooting star wheel rotate, 30RPM
02	0	0	0	0	1	0	Shooting star wheel rotate, 20RPM
03	0	0	0	0	1	1	Shooting star wheel rotate, 15RPM
04	0	0	0	1	0	0	Shooting star wheel rotate, 10RPM
05	0	0	0	1	0	1	Shooting star wheel rotate, 10RPM
06	0	0	0	1	1	0	Shooting star wheel rotate, 10RPM