



## **SCHIRTEC LED BEACON**



### **Properties;**

- Specially designed red smash proof, heat resistant glass cover ,
- Aluminum frame ,
- IP 65 protection class,
- Anti-static protection coated circuit ,
- Inbuilt photosensor ,

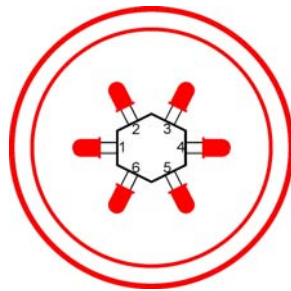
The **SCHIRTEC** LED BEACON is covered by red colour glass which is specially manufactured to output maximum light distribution.

The **SCHIRTEC** LED BEACON's frame is manufactured by aluminium injection technology.

The fault detection is available in 24 and 48V Models. The micro controller checks all the LEDs continuously and detects a failure. In case of a failure, an externally connected lamp or a bell to the related output is activated.



As indicated on the drawing below , there are 6 sets of LED placed in the device hexagonally. Each set consists of 8 pieces of LED totalling to 48 (6x8) pieces of LED.



There is a microprocessor in the electronic circuit of this device which enables us to program the flashing Modes and periods.

The user is able to program this device function in 8 different Modes allowing efficient light distribution 360 degrees. It is also possible to adjust every Mode to fast or slow.

The descriptions of the Modes are as follows;

As soon as power is applied, light begins to operate in MODE 1..

**MODE 1:** All the leds in the light operates turns on for 100 milisecond and turns off for a 100 milisecond..To switch to MODE 2, you have to keep pressing the red button for 4 seconds. When you release the red button, it will blink twice meaning that it is in MODE 2

**MODE 2:** All the leds in the light operates turns on for 200 miliseconds and turns off for one hundred milisecond..To switch to MODE 3, you have to keep pressing the red button for 4 seconds. When you release the red button, it will blink three times meaning that it is in MODE 3.

**MODE 3:** On the hexagonal structure of the light, groups of 8 leds turn on from left to right at 100 milisecond intervals, causing a circular effect of light.. To switch to MODE 4, you have to keep pressing the red button for 4 seconds. When you release the red button, it will blink four times meaning that it is in MODE 4.



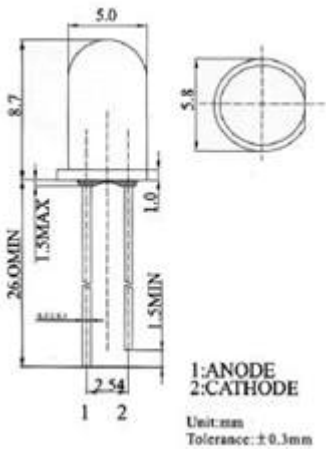
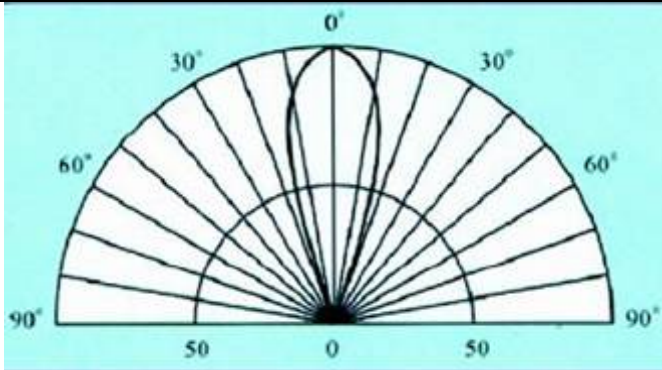
**MODE 4:** it is very similar to MODE 3 but the only difference is that circular motion of the leds switch to right to left once it completes its turn from left to right meaning..The leds turn on on reverse motion. To switch to MODE 5, you have to keep pressing the red button for 4 seconds. When you release the red button, it will blink five times meaning that it is in MODE 5.

**MODE 5:** It is the fast version of MODE 3 ..The led groups turn on a 50 milisecond apart.. To switch to MODE 6, you have to keep pressing the red button for 4 seconds. When you release the red button, it will blink six times meaning that it is in MODE 6.

**MODE 6:** It is the same as MODE 3 but the group of leds turn on from right to left.. To switch to MODE 7, you have to keep pressing the red button for 4 seconds. When you release the red button, it will blink seven times meaning that it is in MODE 7.

**MODE 7:** It is the fast version of MODE 4: To switch to MODE 8, you have to keep pressing the red button for 4 seconds. When you release the red button, it will blink eight times meaning that it is in MODE 8.

**MODE 8:** It is the fast version of MODE 6.

Characteristics of LED	Directive Characteristics ( Ta=25 °C )
 <p>1: ANODE 2: CATHODE Unit: mm Tolerance: ±0.3mm</p>	
Relative Luminous Intensity (The view of 30 degrees )	



**The following data shows some typical values.**

	SLB-24	SLB-48	SLB-220	SLB-110
Power Supply (V)	24 V AC/V DC	36-72 V AC/V DC	220 V AC	110 V AC
Power consumption (W)	max.3W			
Luminescence (typical )	32 cd			
Luminescence (maximum )	46 cd			
Height x Diameter (mm)	206 x 135			
Operating Temperature ( ° C)	-40 ° C to + 85 ° C			
Weight (kg)	1,5			