

## 5.0mm Round Blinking LED Lamps

MODEL NO: IE-5WC4UT-6A

### ★Features:

- Fluorescence type;
- High efficiency and high performance;
- Choice of various viewing angles;
- With built-in blinking IC.

### ★Lens Color:

- Water Clear       White Diffused

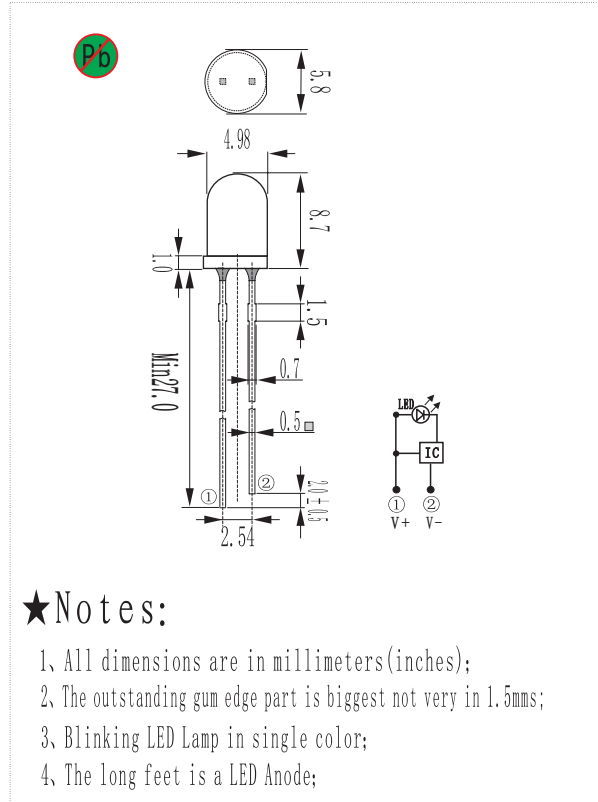
### ★Descriptions:

- The white LED which is fabricated using a blue LED and a phosphor, and the phosphor is excited by blue light and emits yellow fluorescence. The mixture of blue light and yellow light results in a white emission.

### ★Applications:

- OA Equipment
- Backlighting of LCD
- Automotive equipment
- Replacement of conventional light bulbs and fluorescent lamps.

### ★Package Dimension:



### ★Notes:

- 1, All dimensions are in millimeters (inches);
- 2, The outstanding gum edge part is biggest not very in 1.5mm;
- 3, Blinking LED Lamp in single color;
- 4, The long feet is a LED Anode;

### ★Absolute Maximum Ratings(Ta=25°C):

Parameter	Symbol	Rating	Unit	Remarks
Forward Current	I <sub>F</sub>	30	mA	—
Peak Forward Current	I <sub>FP</sub>	100	mA	1/10 Duty Cycle
Reverse Voltage	V <sub>R</sub>	5	V	—
Operating Temperature	T <sub>opr</sub>	-25 ~ +85	°C	—
Storage Temperature	T <sub>stg</sub>	-40 ~ +100	°C	—
Soldering Temperature	T <sub>sol</sub>	260	°C	<3 seconds
Power Dissipation	P <sub>d</sub>	100	mW	—
Flash Frequency	—	1.5	Hz	—

### ★Electronic Optical Characteristics(Ta=25°C):

Part Number	Emitting Color	V <sub>F</sub> (V)			I V <sub>(med)</sub>		I <sub>r</sub> (μA)	Chromaticity Coordinates		Viewing Angle 2θ <sub>1/2</sub> (°)
		I <sub>F</sub> =20mA			I <sub>F</sub> =20mA			VR=5V	X	
		Min	Typ	Max	Typ	Max				
IE-5WC4UT-6A	WHITE	3.0	4.0	4.5	15000	25000	<10	0.24-0.29	0.24-0.39	—

Notes =Pb free Soldering Application, Pb<1000ppm(RoHs-Compliant)