

5.0mm Round Type LED Lamps

M O D E L N O: IE-5B4SD

★ **F e a t u r e s :**

- Low power consumption;
- High efficiency and high performance;
- Choice of various viewing angles;
- Reliable and robust.

★ **L e n s C o l o r :**

- Color Diffused Color Transparent
 Water Clear White Diffused

★ **D e s c r i p t i o n s :**

- The series is specially designed for applications requiring higher brightness.
- The led lamps are available with different Colors, intensities, epoxy colors, etc.

★ **A p p l i c a t i o n s :**

- Indicators ● Home electric appliance
- Automotive ● Sign & Signal.

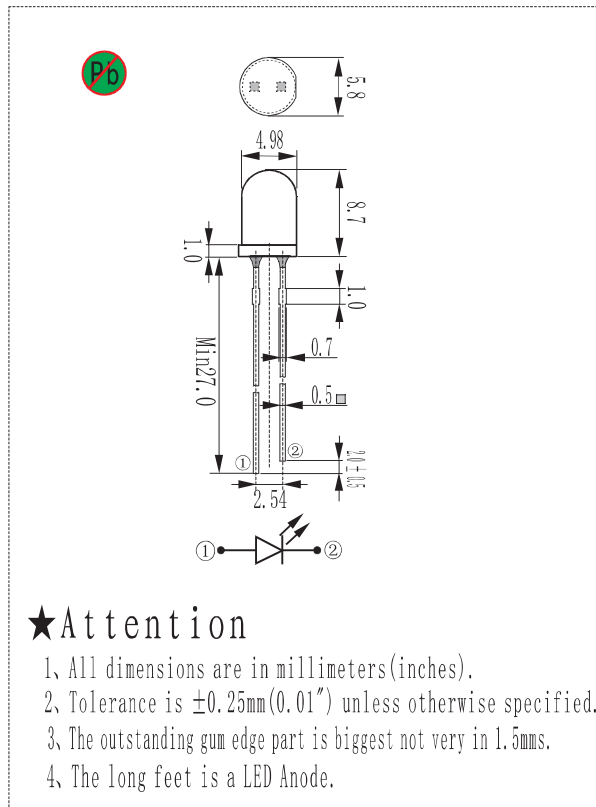
★ **Absolute Maximum Ratings (T a = 25 °C) :**

Parameter	Symbol	Rating	Unit	Remark
Forward Current	I _F	30	mA	—
Peak Forward Current	I _{FP}	100	mA	1/10 Duty Cycle
Reverse Voltage	V _R	5	V	—
Operating Temperature	T _{OPR}	-25 ~+85	°C	—
Storage Temperature	T _{Stg}	-40 ~+100	°C	—
Soldering Temperature	T _{So1}	260	°C	≦ 3seconds
Power Dissipation	P _d	80	mW	—

★ **Electronic Optical Characteristics (T a = 25 °C) :**

Part Number	Emitting Color	V _F (V)			IV(mcd)		I _R (μA) VR=5V	λ _d (nm)	Δλ(nm)	Viewing Angle 2θ _{1/2} (°)
		I _F =20mA			I _F =20mA					
		Min	Typ	Max	Typ	Max				
IE-5B4SD	Blue	2.8	3.1	3.6	700	1600	<10	460-470	25	35°

★ **Package Dimension :**



★ **Attention**

1. All dimensions are in millimeters (inches).
2. Tolerance is ±0.25mm (0.01") unless otherwise specified.
3. The outstanding gum edge part is biggest not very in 1.5mm.
4. The long feet is a LED Anode.

★ **Elucidation:** = Pb free Soldering Application , Pb < 1000 ppm (RoHS- Compliant)