

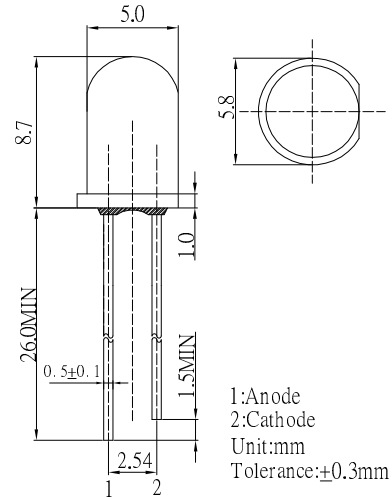
■ **Features**

- High Luminous LEDs
- 5mm Round Standard Directivity
- Superior Weather-resistance
- Flashing Type
- Water Clear Type

■ **Applications**

- Toys
- Games
- Audio
- Other Lighting

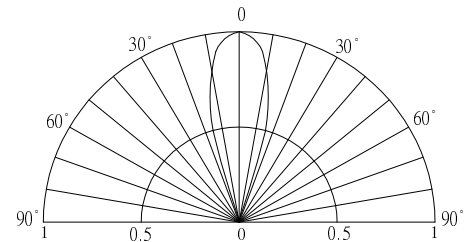
■ **Outline Dimension**



■ **Absolute Maximum Rating (Ta=25°C)**

Item	Symbol	Value	Unit
Power Supply	Voltage	5	V
Operating Temperature	Topr	-30 ~ +85	°C
Storage Temperature	Tstg	-40 ~ +100	°C
Lead Soldering Temperature	Tsol	260°C/5sec	-

■ **Directivity**



■ **Electrical -Optical Characteristics (Ta=25°C)**

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage	V <sub>fd</sub>	I <sub>F</sub> =20mA	3.0	3.3	5.0	V
Oscillator Frequency*	Fled	I <sub>F</sub> =20mA	-	1.8	-	Hz
Duty Cycle	Duty	I <sub>F</sub> =20mA	-	1/2	-	-
Domi. Wavelength*	λ <sub>D</sub>	I <sub>F</sub> =20mA	600	605	610	nm
Luminous Intensity*	I <sub>v</sub>	I <sub>F</sub> =20mA	2500	3500	-	mcd
50% Power Angle	2θ <sub>1/2</sub>	I <sub>F</sub> =20mA	-	30	-	deg

\*1 Dominant wavelength Measurement allowance is ±1nm

\*2 Luminous intensity Measurement allowance is ±15%

\*3 Tolerance of Frequency is +20%

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