

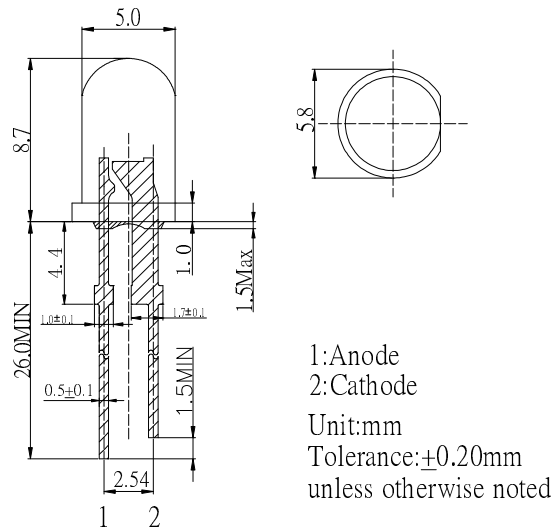
**■ Features**

- High Lumen LEDs
- 5mm Round Standard Directivity
- UV Resistant Epoxy
- Water Clear Type

**■ Applications**

- Electronic Signs And Signals
- Small Area Illuminations
- Back Lighting
- Other Lighting

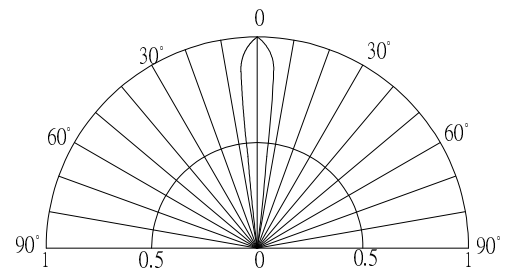
**■ Outline Dimension**



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

Item	Symbol	Value	Unit
DC Forward Current	I <sub>F</sub>	80	mA
Pulse Forward Current#	I <sub>FP</sub>	120	mA
Reverse Voltage	V <sub>R</sub>	5	V
Power Dissipation	P <sub>D</sub>	288	mW
Operating Temperature	T <sub>opr</sub>	-30 ~ +85	°C
Storage Temperature	T <sub>stg</sub>	-40 ~ +100	°C
Lead Soldering Temperature	T <sub>sol</sub>	260°C/5sec	-

**■ Directivity**



#Pulse width Max.10ms Duty ratio max 1/10

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

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage*1	V <sub>F</sub>	I <sub>F</sub> =75mA	2.8	3.2	3.6	V
DC Reverse Current	I <sub>R</sub>	V <sub>R</sub> =5V	-	-	10	μA
Luminous Flux*2	Φ <sub>v</sub>	I <sub>F</sub> =75mA	15	18	-	lm
Luminous Intensity*3	I <sub>v</sub>	I <sub>F</sub> =75mA	140000	160000	-	mcd
Domi. Wavelength*4	λ <sub>D</sub>	I <sub>F</sub> =75mA	520	525	530	nm
50% Power Angle	2θ <sub>1/2</sub>	I <sub>F</sub> =75mA	-	15	-	Deg

\*1 Tolerance of measurements of forward voltage is ±0.1V

\*2 Tolerance of measurements of luminous flux is ±15%

\*3 Tolerance of measurements of luminous intensity is ±15%

\*4 Tolerance of measurements of dominant wavelength is ±1nm

**■ Spectral Curve**

