

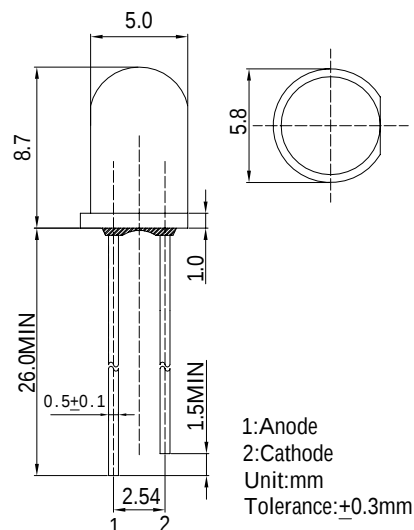
■Features

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

■Applications

- Toys
- Games
- Audio
- Other Lighting

■Outline Dimension

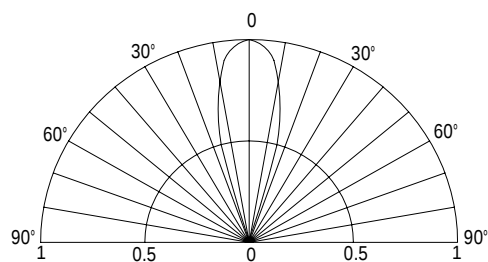


■Absolute Maximum Rating

(Ta=25 °C)

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

■Directivity



■Electrical -Optical Characteristics

(Ta=25 °C)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage	V _{dd}	I _F =20mA	3.0	3.3	5.0	V
Oscillator Frequency*	F _{led}	I _F =20mA	-	1.8	-	Hz
Duty Cycle	Duty	I _F =20mA	-	1/2	-	-
Domi. Wavelength*	λ_D	I _F =20mA	585	590	595	nm
Luminous Intensity*	I _v	I _F =20mA	2000	2500	-	mcd
50% Power Angle	2 $\theta_{1/2}$	I _F =20mA	-	30	-	deg

*1 Tolerance of dominant wavelength is ± 1 nm

*2 Tolerance of luminous intensity is $\pm 15\%$

*3 Tolerance of Frequency is $\pm 20\%$