

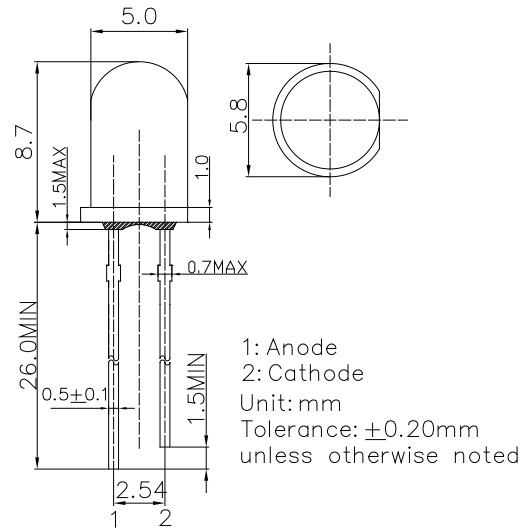
■Features

- High Luminous LEDs
- 5mm Round Standard Directivity
- Candle Flashing Type
- Water Clear Type

■Applications

- Toys
- Games
- Audio
- Other Lighting

■Outline Dimension

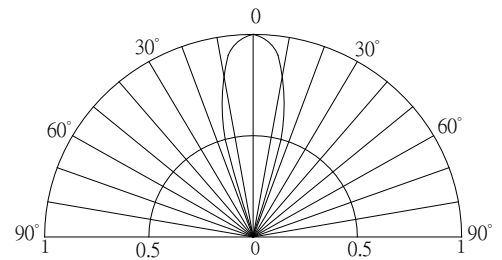


■Absolute Maximum Rating

($T_a=25^\circ\text{C}$)

Item	Symbol	Value	Unit
Power Supply	Voltage	5	V
Operating Temperature	T_{opr}	$-30 \sim +85$	$^\circ\text{C}$
Storage Temperature	T_{stg}	$-40 \sim +100$	$^\circ\text{C}$
Lead Soldering Temperature	T_{sol}	$260^\circ\text{C}/5\text{sec}$	-

■Directivity



■Electrical -Optical Characteristics

($T_a=25^\circ\text{C}$)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage	V_{dd}	$I_F=20\text{mA}$	3.0	3.3	5.0	V
Luminous Intensity*	I_v	$I_F=20\text{mA}$	5800	7000	-	mcd
Color Temperature*2	CCT	$I_F=20\text{mA}$	8500	10000	18000	K
Chromaticity Coordinates*	x	$I_F=20\text{mA}$	-	0.27	-	
	y	$I_F=20\text{mA}$	-	0.28	-	
50% Power Angle	$2\theta_{1/2}$	$I_F=20\text{mA}$	-	30	-	deg

*1 Tolerance of measurements of chromaticity coordinate is $\pm 10\%$

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

*3 Tolerance of measurements of forward voltage is $\pm 0.1\text{V}$