

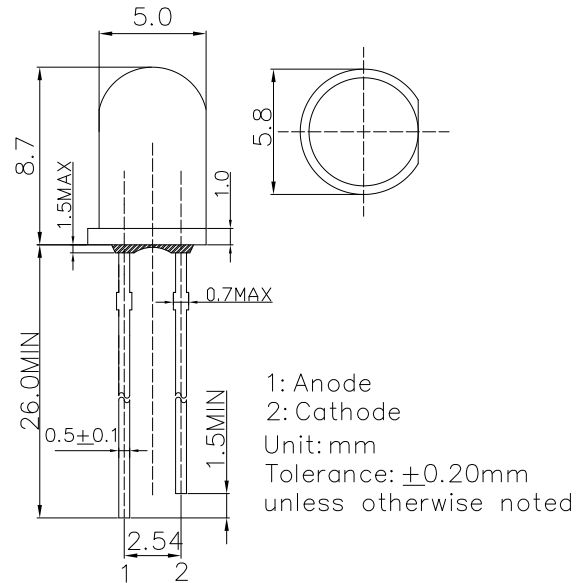
■ **Features**

- High Luminous LEDs
- Low Power Consumption
- UV Resistant Epoxy
- Specified at $I_F = 1 \text{ mA}$
- Water Clear Type

■ **Applications**

- Background illumination
- Communications equipment
- Low power DC circuits
- General lighting purposes

■ **Outline Dimension**

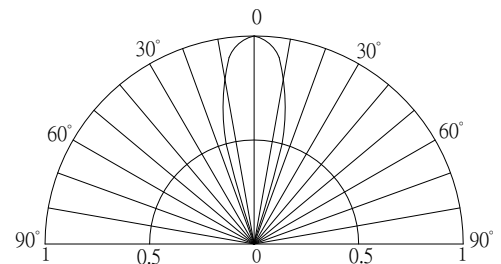


■ **Absolute Maximum Rating** ($T_a = 25^\circ\text{C}$)

Item	Symbol	Value	Unit
DC Forward Current	I_F	30	mA
Pulse Forward Current#	I_{FP}	100	mA
Reverse Voltage	V_R	5	V
Power Dissipation	P_D	96	mW
Operating Temperature	T_{opr}	-30 ~ +85	$^\circ\text{C}$
Storage Temperature	T_{stg}	-40 ~ +100	$^\circ\text{C}$
Lead Soldering Temperature	T_{sol}	260 $^\circ\text{C}/5\text{sec}$	-

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

■ **Directivity**



■ **Electrical -Optical Characteristics** ($T_a = 25^\circ\text{C}$)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage*1	V_F	$I_F = 1 \text{ mA}$	-	2.7	3.2	V
DC Reverse Current	I_R	$V_R = 5 \text{ V}$	-	-	10	μA
Luminous Intensity*2	I_v	$I_F = 1 \text{ mA}$	7000	8400	-	mcd
Color Temperature*3	CCT	$I_F = 1 \text{ mA}$	8500	10000	18000	K
Chromaticity Coordinates*4	x	$I_F = 1 \text{ mA}$	-	0.27	-	
	y	$I_F = 1 \text{ mA}$	-	0.28	-	
50% Power Angle	$2\theta_{1/2}$	$I_F = 1 \text{ mA}$	-	15	-	deg

*1 Tolerance of measurements of forward voltage is $\pm 0.1 \text{ V}$
 *2 Tolerance of measurements of luminous intensity is $\pm 15\%$
 *3 Tolerance of measurements of color temperature is $\pm 10\%$
 *4 Tolerance of measurements of chromaticity coordinates is $\pm 10\%$