

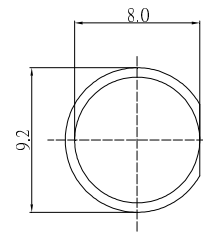
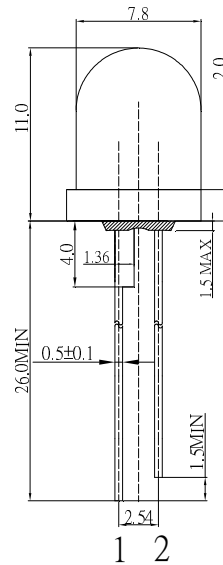
**■Features**

- High Luminous LEDs
- 8mm Round Standard Directivity
- UV Resistant Epoxy
- Water Clear Type

**■Applications**

- Green House Applications
- Other Lighting
- Red : Blue LED Iv Ratio is 8:1\*

**■Outline Dimension**



1. Anode  
2. Cathode  
Unit:mm  
Tolerance:±0.20mm  
unless otherwise noted

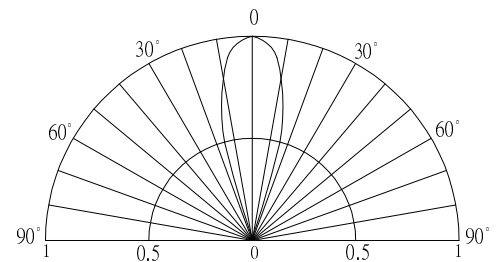
**■Absolute Maximum Rating**

(Ta=25°C)

Item	Symbol	Value	Unit
DC Forward Current	I <sub>F</sub>	70	mA
Pulse Forward Current#	I <sub>FP</sub>	120	mA
Reverse Voltage	V <sub>R</sub>	5	V
Power Dissipation	P <sub>D</sub>	196	mW
Operating Temperature	Topr	-30 ~ +85	°C
Storage Temperature	Tstg	-40~ +100	°C
Lead Soldering Temperature	Tsol	260°C/5sec	-

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

**■Directivity**



**■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> =70mA	-	2.3	2.6	V
DC Reverse Current	I <sub>R</sub>	V <sub>R</sub> =5V	-	-	10	μA
Peak Wavelength*2	λ <sub>D</sub>	I <sub>F</sub> =70mA	650	660	670	nm
Luminous Intensity*3	I <sub>v</sub>	I <sub>F</sub> =70mA	14400	18000	-	mcd
50% Power Angle	2θ <sub>1/2</sub>	I <sub>F</sub> =70mA	-	30	-	deg

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

\*2 Tolerance of measurements of Peak wavelength is ±1nm

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

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