

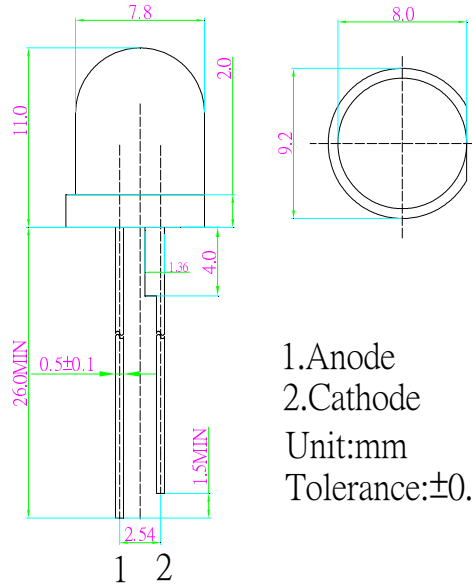
■ **Features**

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

■ **Applications**

- Traffic signal, Portable light source
- Signage and channel letter
- Decorating and entertainment lighting
- Architectural lighting
- Outdoor/Indoor applications/Other Lighting

■ **Outline Dimension**



1. Anode
2. Cathode
Unit:mm
Tolerance:±0.30mm

■ **Absolute Maximum Rating**

(Ta=25°C)

Item	Symbol	Value	Unit
DC Forward Current	I _F	50	mA
Pulse Forward Current*	I _{FP}	120	mA
Reverse Voltage	V _R	5	V
Power Dissipation	P _D	140	mW
Operating Temperature	T _{opr}	-30 ~ +85	°C
Storage Temperature	T _{stg}	-40 ~ +100	°C
Lead Soldering Temperature	T _{sol}	260 °C/ 5sec	-

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

■ **Electrical -Optical Characteristics**

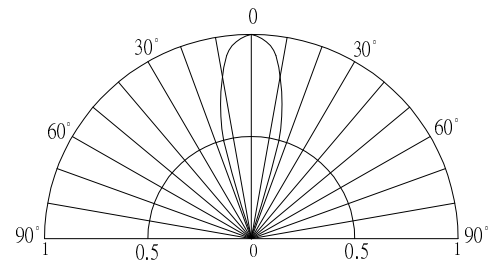
(Ta=25°C)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage	V _F	I _F =50mA	2.0	2.3	2.8	V
DC Reverse Current	I _R	V _R =5V	-	-	10	μA
Domi. Wavelength*	λ _D	I _F =50mA	600	605	610	nm
Luminous Intensity*	I _v	I _F =50mA	35000	40000	-	mcd
50% Power Angle	2θ _{1/2}	I _F =50mA	-	30	-	deg

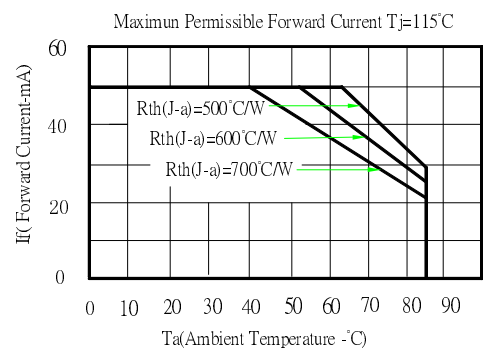
*1 Tolerance of dominant wavelength is ±1nm

*2 Tolerance of luminous intensity is ±15%

■ **Directivity**



■ **Maximum Forward DC Current**



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