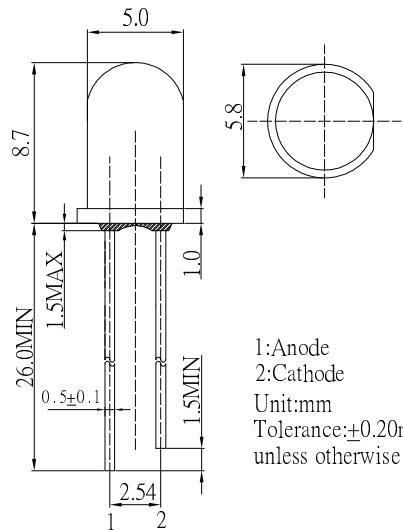


■ Features

- High Luminous LEDs
- 5mm Round Standard Directivity
- UV Resistant Epoxy
- Water Clear Type

■ Outline Dimension



1:Anode
2:Cathode
Unit:mm
Tolerance: $\pm 0.20\text{mm}$
unless otherwise noted

■ Applications

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

■ 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	130	mW
Operating Temperature	T _{opr}	-30 ~ +85	°C
Storage Temperature	T _{tsg}	-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)

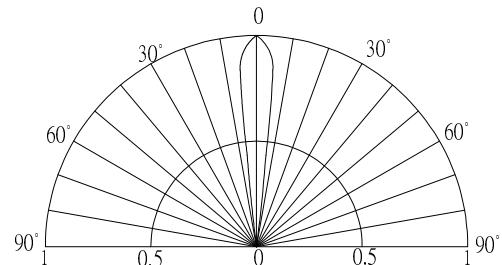
Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage*1	V _F	I _F =20mA	1.9	2.1	2.6	V
DC Reverse Current	I _R	V _R =5V	-	-	10	μA
Domi. Wavelength*2	λ _D	I _F =20mA	606	610	616	nm
Luminous Intensity*3	I _v	I _F =20mA	60000	75000	-	mcd
50% Power Angle	2θ _{1/2}	I _F =20mA	-	15	-	deg

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

*2 Tolerance of measurements of dominant wavelength is $\pm 1\text{nm}$

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

■ Directivity



AlGaInP LED

TYPICAL ELECTRICAL/OPTICAL CHARACTERISTIC CURVES

