

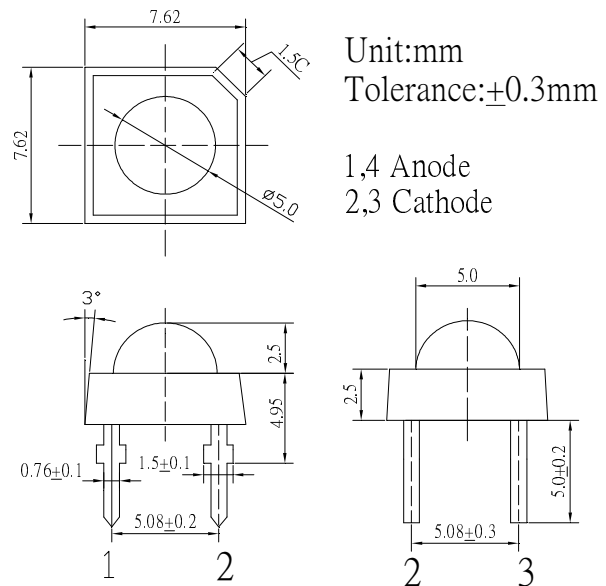
■ **Features**

- High Luminous Super Flux Output
- 5 ° Standard Directivity
- Superior Weather-resistance
- UV Resistant Epoxy
- Water Clear Type

■ **Applications**

- Traffic Signal
- Backlighting
- Signal and channel letter
- Other Lighting

■ **Outline Dimension**



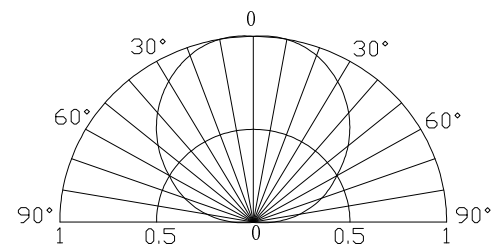
■ **Absolute Maximum Rating**

(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 _{stg}	-40 ~ +100	°C
Lead Soldering Temperature	T _{sol}	260 °C /5sec	-

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

■ **Directivity**



■ **Electrical -Optical Characteristics**

(Ta=25°C)

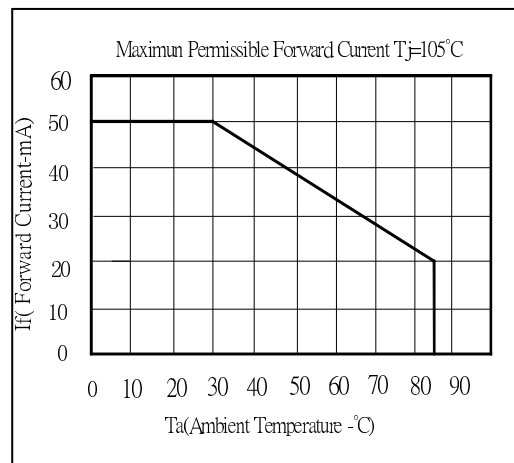
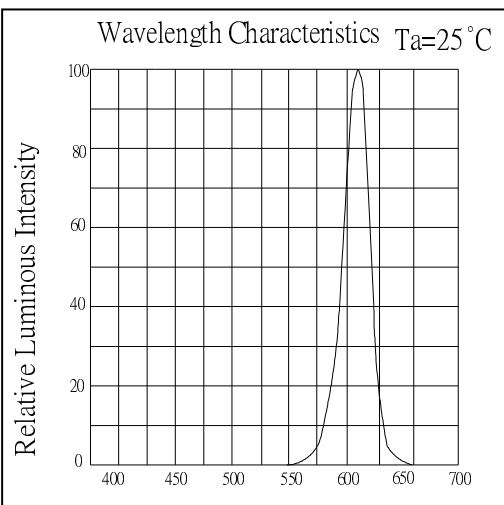
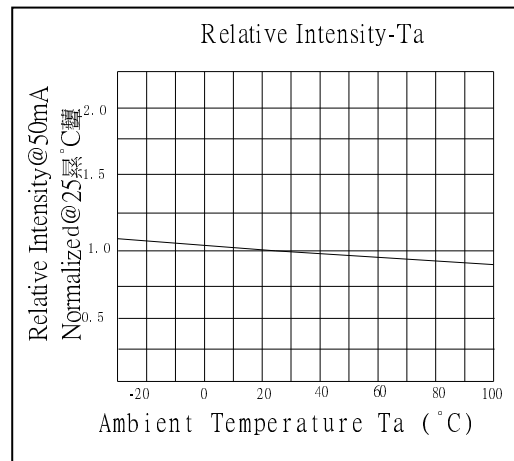
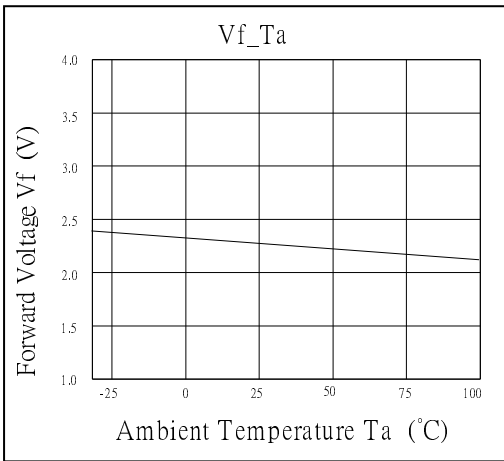
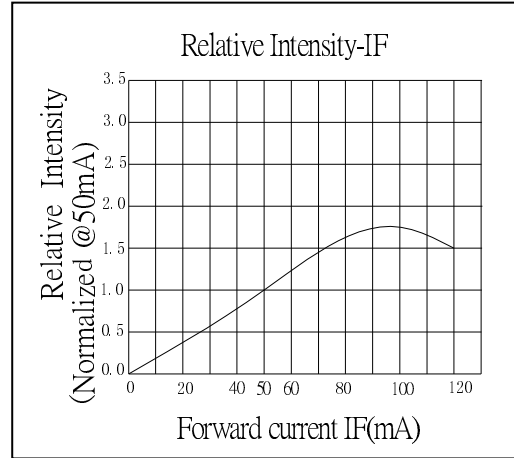
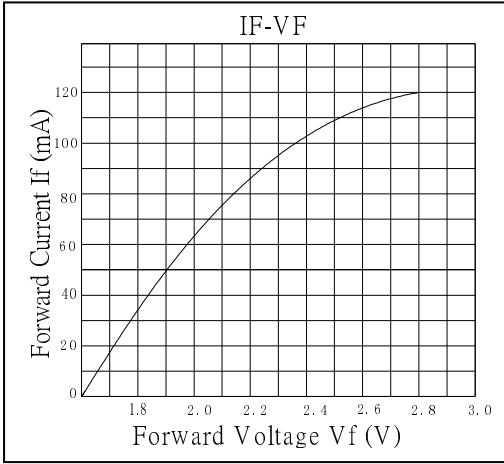
Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage	V _F	I _F =50mA	2.0	2.3	2.6	V
DC Reverse Current	I _R	V _R =5V	-	-	10	μA
Domi. Wavelength*	λ _D	I _F =50mA	606	610	616	nm
Luminous Intensity*	I _v	I _F =50mA	8400	10000	-	mcd
50% Power Angle	2θ _{1/2}	I _F =50mA	-	120	-	deg

*1 Tolerance of dominant wavelength is ±1nm

*2 Tolerance of luminous intensity is ±15%

AlGaInP LED

TYPICAL ELECTRICAL/OPTICAL CHARACTERISTIC CURVES



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