

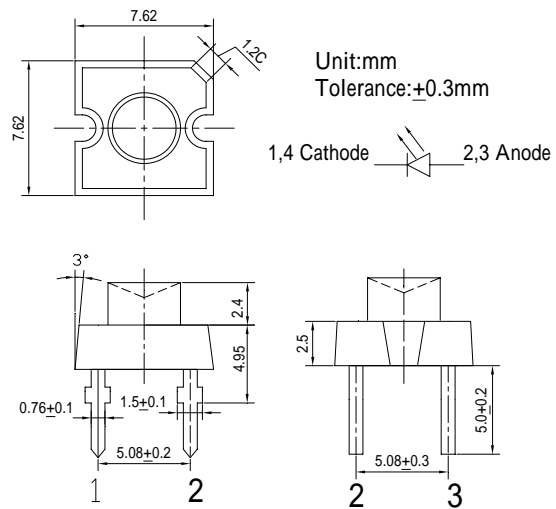
■Features

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

■Applications

- Traffic signal, portable light source
- Automotive lighting
- Decorating and entertainment lighting
- Architectural lighting
- Outdoor/Indoor applications

■Outline Dimension



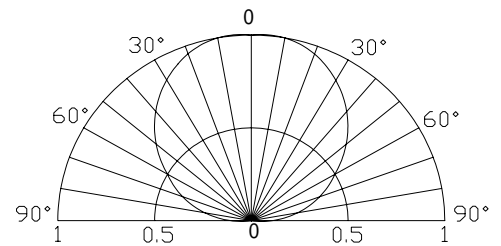
■Absolute Maximum Rating

(Ta=25)

Item	Symbol	Value	Unit
DC Forward Current	I _F	70	mA
Pulse Forward Current*	I _{FP}	120	mA
Reverse Voltage	V _R	5	V
Power Dissipation	P _D	196	mW
Operating Temperature	T _{opr}	-30 ~ +85	
Storage Temperature	T _{stg}	-40 ~ +100	
Lead Soldering Temperature	T _{sol}	260 /5sec	-

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

■Directivity



■Electrical -Optical Characteristics

(Ta=25)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage	V _F	I _F =70mA	2.0	2.3	2.8	V
DC Reverse Current	I _R	V _R =5V	-	-	10	μA
Domi. Wavelength*	λ _D	I _F =70mA	585	590	595	nm
Luminous Flux	φ _v	I _F =70mA	8	9	-	lm
Luminous Intensity*	I _v	I _F =70mA	2400	2800	-	mcd
50% Power Angle	2θ _{1/2}	I _F =70mA	-	120	-	deg

*1 Tolerance of dominant wavelength is ±1nm

*2 Tolerance of luminous intensity is ±15%

Maximum Forward Current

Maximum Permissible Forward Current T_J=115°C

