

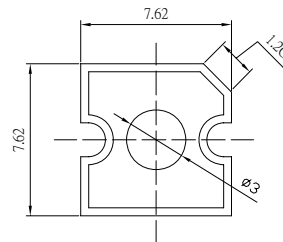
### ■Features

- High Luminous Super Flux Output
- 3  $\sigma$  Standard Directivity
- Long Lifetime Operation
- Low Thermal Resistance
- Superior Weather-Resistance
- UV Resistant Epoxy
- Water Clear Type

### ■Applications

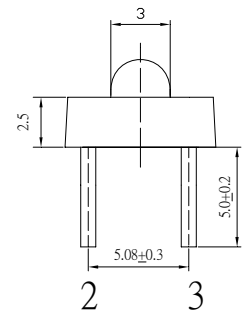
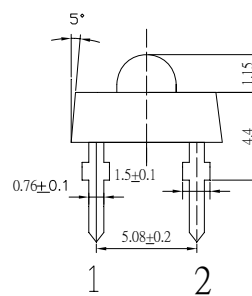
- Interior and exterior automotive lighting  
(e.g. dashboard backlighting etc.)
- Backlighting (Illuminated advertising, general lighting, etc)
- Decorative Lighting
- Other Lighting

### ■Outline Dimension



Unit:mm  
Tolerance: $\pm 0.3$ mm

1,4 Anode  
2,3 Cathode



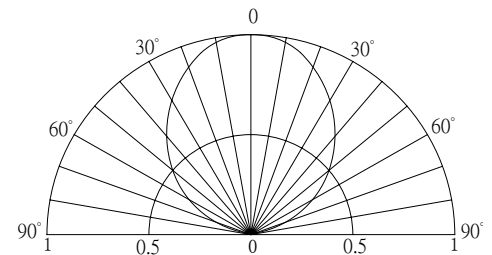
### ■Absolute Maximum Rating

( $T_a=25^\circ\text{C}$ )

Item	Symbol	Value	Unit
DC Forward Current	$I_F$	50	mA
Pulse Forward Current*	$I_{FP}$	100	mA
Reverse Voltage	$V_R$	5	V
Power Dissipation	$P_D$	180	mW
Operating Temperature	$T_{opr}$	-30 ~ +85	$^\circ\text{C}$
Storage Temperature	$T_{stg}$	-40 ~ +100	$^\circ\text{C}$
Lead Soldering Temperature	$T_{sol}$	260 $^\circ\text{C}$ / 5sec	-

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

### ■Directivity



### ■Electrical -Optical Characteristics

( $T_a=25^\circ\text{C}$ )

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage	$V_F$	$I_F=30\text{mA}$	2.9	3.1	3.6	V
DC Reverse Current	$I_R$	$V_R=5\text{V}$	-	-	10	$\mu\text{A}$
Domi. Wavelength*	$\lambda_D$	$I_F=20\text{mA}$	520	525	530	nm
Luminous Intensity*	$I_v$	$I_F=30\text{mA}$	2180	3000	-	mcd
50% Power Angle	$2\theta_{1/2}$	$I_F=30\text{mA}$	-	100	-	deg

\*1 Tolerance of dominant wavelength is  $\pm 1$ nm

\*2 Tolerance of luminous intensity is  $\pm 15\%$