

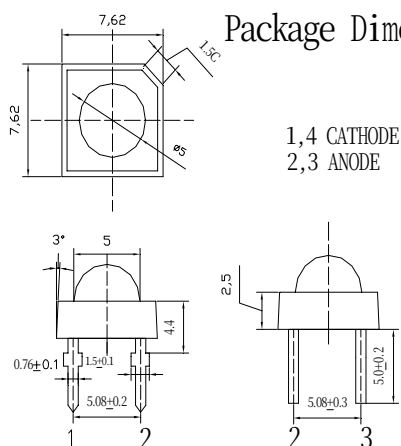
■Features

- Super Flux Output
- Water Clear Type
- Low Thermal resistance
- Design For High Current Operation.
- RoHS Compliant

■Applications

- Automotive Dashboard Lighting
- Traffic signal lamp
- Other Exterior Lighting

■Outline Dimension

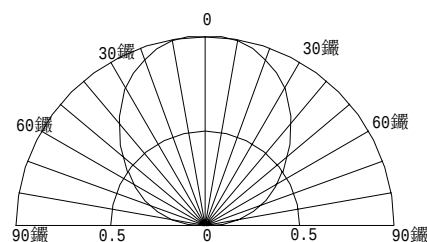


■Absolute Maximum Rating (Ta=25°C)

Item	Symbol	Value	Unit
DC Forward Current	I_F	70	mA
Pulse Forward Current*	I_{FP}	100	mA
Power Dissipation	P_D	160	mW
Operating Temperature	T_{opr}	-30~+80	°C
Storage Temperature	T_{stg}	-30~+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	$I_F=50mA$	2.2	2.5	2.8	V
DC Reverse Current	I_R	$V_R=5V$	-	-	10	μA
Domi. Wavelength	λ_D	$I_F=50mA$	620	625	630	nm
Luminous Intensity	I_V	$I_F=50mA$	2000	3000	4000	mcd
50% Power Angle	$2\theta_{1/2}$	$I_F=50mA$	-	120	-	deg

*Please refer to CIE 1931 chromaticity diagram.