

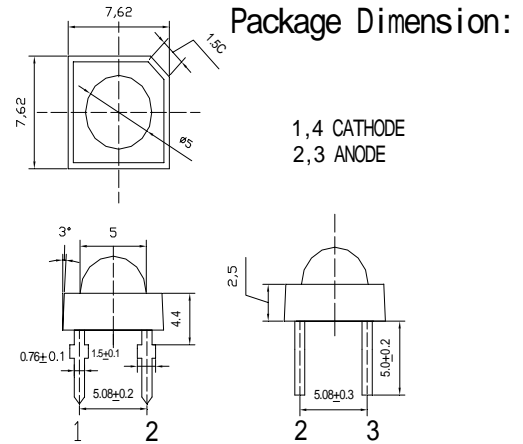
■Features

- 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

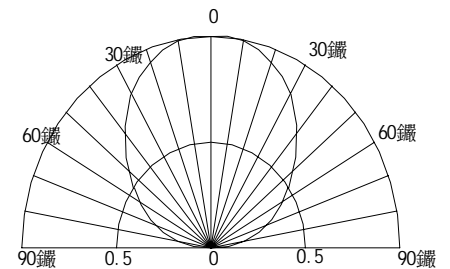


■Absolute Maximum Rating (Ta=25 °C)

Item	Symbol	Value	Unit
DC Forward Current	I_F	50	mA
Pulse Forward Current*	I_{FP}	120	mA
Reverse Voltage	V_R	5	V
Power Dissipation	P_D	100	mW
Operating Temperature	T_{opr}	-30~+85	
Storage Temperature	T_{stg}	-30~+100	
Lead Soldering Temperature	T_{sol}	260 /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	$I_F=20mA$	1.8	2.0	2.4	V
DC Reverse Current	I_R	$V_R=5V$	-	-	10	μA
Domi. Wavelength	λ_D	$I_F=20mA$	620	625	630	nm
Luminous Intensity	I_V	$I_F=20mA$	1500	1800	2500	mcd
50% Power Angle	$2\theta_{1/2}$	$I_F=20mA$	-	120	-	deg

*Please refer to CIE 1931 chromaticity diagram.