

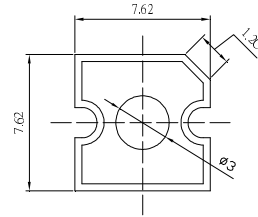
■Features

- High Luminous Super Flux Output
- 3 ϕ Standard Directivity
- Long Lifetime Operation
- Low Thermal Resistance
- UV Resistant Epoxy
- Water Clear Type

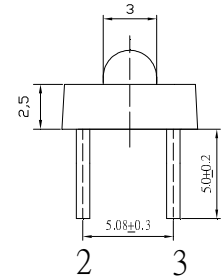
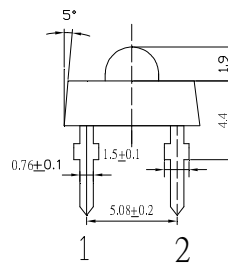
■Applications

- 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: ± 0.20 mm
unless otherwise noted
1,4 Anode
2,3 Cathode



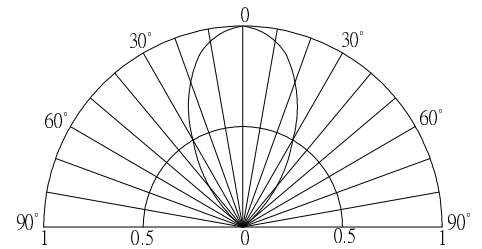
■Absolute Maximum Rating

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

Item	Symbol	Value	Unit
DC Forward Current	I_F	75	mA
Pulse Forward Current#	I_{FP}	100	mA
Reverse Voltage	V_R	5	V
Power Dissipation	P_D	120	mW
Operating Temperature	T_{opr}	-30 ~ +85	$^{\circ}C$
Storage Temperature	T_{stg}	-40 ~ +100	$^{\circ}C$
Lead Soldering Temperature	T_{sol}	260 $^{\circ}C$ / 5sec	-

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

■Directivity



■Electrical -Optical Characteristics

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

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage*1	V_F	$I_F=20mA$	2.8	3.1	3.6	V
DC Reverse Current	I_R	$V_R=5V$	-	-	10	μA
Luminous Intensity*2	I_v	$I_F=20mA$	4000	5000	6000	mcd
Color Temperature*4	CCT	$I_F=20mA$	8500	10000	18000	K
Chromaticity Coordinates*3	x	$I_F=20mA$	-	0.27	-	
	y	$I_F=20mA$	-	0.28	-	
50% Power Angle	$2\theta_{1/2}$	$I_F=20mA$	-	60	-	deg

*1 Tolerance of measurements of forward voltage is $\pm 0.1V$

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

*3 Tolerance of measurements of color temperature is $\pm 10\%$

*4 Tolerance of measurements of chromaticity coordinate is $\pm 10\%$