

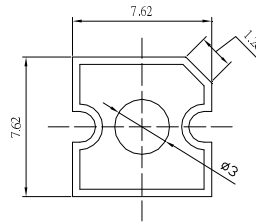
**■Features**

- High Luminous Super Flux Output
- UV Resistant Epoxy
- Long Lifetime Operation
- Water Clear Type

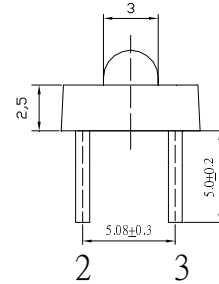
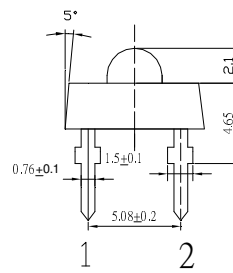
**■Applications**

- Signage and channel letter
- Decorating and entertainment lighting
- Architectural lighting
- Outdoor/Indoor applications

**■Outline Dimension**



Unit:mm  
Tolerance:±0.3mm  
1,4 Anode  
2,3 Cathode

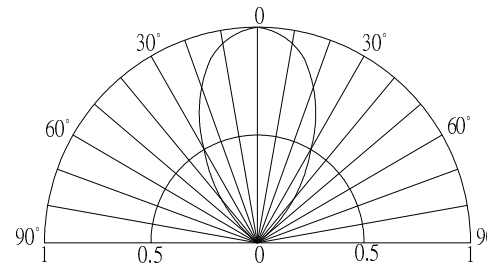


**■Absolute Maximum Rating**

(Ta=25°C)

Item	Symbol	Value	Unit
DC Forward Current	I <sub>F</sub>	50	mA
Pulse Forward Current#	I <sub>FP</sub>	100	mA
Reverse Voltage	V <sub>R</sub>	5	V
Power Dissipation	P <sub>D</sub>	150	mW
Operating Temperature	T <sub>opr</sub>	-30 ~ +85	°C
Storage Temperature	T <sub>stg</sub>	-40 ~ +100	°C
Lead Soldering Temperature	T <sub>sol</sub>	260°C / 5sec	-

**■Directivity**



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

**■Electrical -Optical Characteristics**

(Ta=25°C)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage	V <sub>F</sub>	I <sub>F</sub> =30mA	2.9	3.1	3.6	V
DC Reverse Current	I <sub>R</sub>	V <sub>R</sub> =5V	-	-	10	μA
Luminous Flux*	Φ <sub>v</sub>	I <sub>F</sub> =30mA	-	9	-	lm
Color Temperature	CCT	I <sub>F</sub> =30mA	-	3000	-	K
Chromaticity Coordinates*	x	I <sub>F</sub> =30mA	-	0.45	-	
	y	I <sub>F</sub> =30mA	-	0.41	-	
50% Power Angle	2θ <sub>1/2</sub>	I <sub>F</sub> =30mA	-	60	-	deg

\*1 Tolerance of measurements of chromaticity coordinate is ±10%

\*2 Tolerance of measurements of luminous intensity is ±15%

\*3 Tolerance of measurements of forward voltage is±0.1V