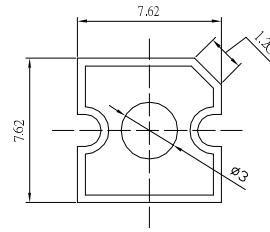


**■Features**

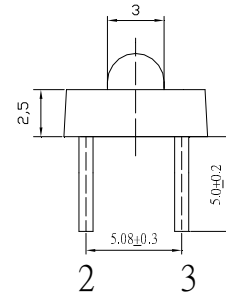
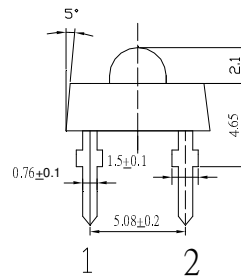
- Highest luminous flux
- Super energy efficiency
- Long Lifetime Operation
- Low Thermal resistance
- Water Clear Type

**■Applications**

- Read lights (car, bus, aircraft)
- Bollards / Security / Garden
- Small Area Illuminations
- In door / Out door Commercial lights
- Automotive Ext

**■Outline Dimension**


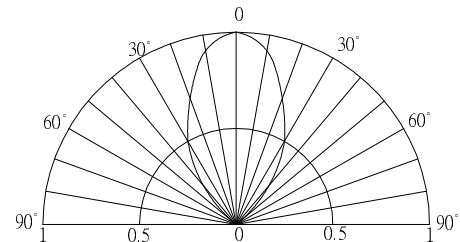
Unit:mm  
Tolerance:±0.3mm  
1,4 Anode  
2,3 Cathode


**■Absolute Maximum Rating**

(Ta=25°C)

Item	Symbol	Value	Unit
DC Forward Current	I <sub>F</sub>	120	mA
Pulse Forward Current*	I <sub>FP</sub>	200	mA
Reverse Voltage	V <sub>R</sub>	5	V
Power Dissipation	P <sub>D</sub>	456	mW
Operating Temperature	Topr	-30 ~ +85	°C
Storage Temperature	Tstg	-40~ +100	°C
Lead Soldering Temperature	Tsol	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 <sub>F</sub>	I <sub>F</sub> =100mA	3.0	3.3	3.8	V
DC Reverse Current	I <sub>R</sub>	V <sub>R</sub> =5V	-	-	10	μA
Luminous Intensity*	I <sub>v</sub>	I <sub>F</sub> =100mA	-	4500	-	mcd
Chromaticity Coordinates*	x	I <sub>F</sub> =100mA	-	0.45	-	
	y	I <sub>F</sub> =100mA	-	0.17	-	
50% Power Angle	2θ <sub>1/2</sub>	I <sub>F</sub> =100mA	-	60	-	deg

\*1 Tolerance of chromaticity coordinates is ±10%

\*2 Tolerance of luminous intensity is ±15%