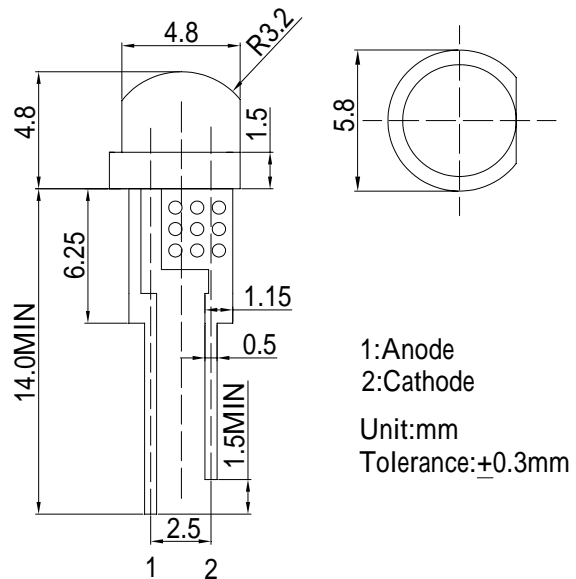


**■Features**

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

**■Applications**

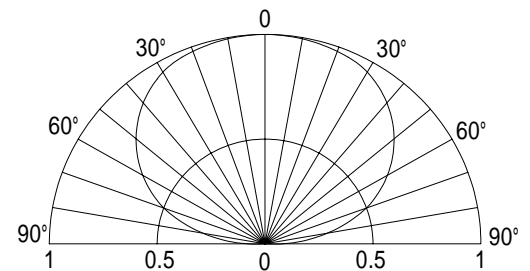
- Read lights (car, bus, aircraft)
- Bollards / Security / Garden
- Small Area Illuminations
- In door / Out door Commercial lights
- Automotive Ext

**■Outline Dimension**

**■Absolute Maximum Rating**

(Ta=25 )

| Item                       | Symbol    | Value      | Unit |
|----------------------------|-----------|------------|------|
| DC Forward Current         | $I_F$     | 120        | mA   |
| Pulse Forward Current*     | $I_{FP}$  | 200        | mA   |
| Reverse Voltage            | $V_R$     | 5          | V    |
| Power Dissipation          | $P_D$     | 360        | mW   |
| Operating Temperature      | $T_{opr}$ | -30 ~ +85  |      |
| Storage Temperature        | $T_{stg}$ | -40 ~ +100 |      |
| Lead Soldering Temperature | $T_{sol}$ | 260 /5sec  | -    |

\*Pulse width Max.10ms Duty ratio max 1/10

**■Directivity**

**■Electrical -Optical Characteristics**

(Ta=25 )

| Item                | Symbol          | Condition   | Min. | Typ. | Max. | Unit    |
|---------------------|-----------------|-------------|------|------|------|---------|
| DC Forward Voltage  | $V_F$           | $I_F=100mA$ | 2.0  | 2.5  | 3.0  | V       |
| DC Reverse Current  | $I_R$           | $V_R=5V$    | -    | -    | 10   | $\mu A$ |
| Domi. Wavelength*   | $\lambda_D$     | $I_F=100mA$ | 585  | 590  | 595  | nm      |
| Luminous Intensity* | $I_V$           | $I_F=100mA$ | -    | 4000 | -    | mcd     |
| 50% Power Angle     | $2\theta_{1/2}$ | $I_F=100mA$ | -    | 140  | -    | deg     |

 \*1 Tolerance of dominant wavelength is  $\pm 1nm$ 

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