

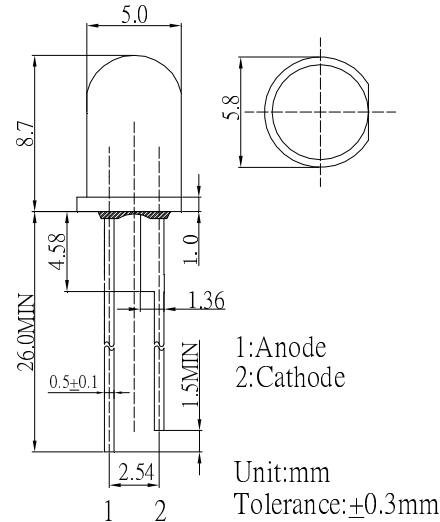
### ■ Features

- High Luminous LEDs
- 5mm Standard Directivity
- Long Lifetime Operation
- Superior Weather-resistance
- UV Resistant Epoxy
- Water Clear Type

### ■ Applications

- Electronic Signs And Signals
- Small Area Illuminations
- Back Lighting
- Other Lighting

### ■ Outline Dimension



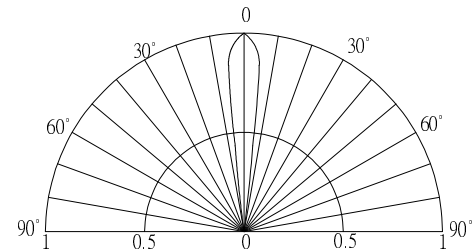
### ■ Absolute Maximum Rating

(Ta=25℃)

| Item                       | Symbol    | Value      | Unit |
|----------------------------|-----------|------------|------|
| DC Forward Current         | $I_F$     | 35         | mA   |
| Pulse Forward Current*     | $I_{FP}$  | 100        | mA   |
| Reverse Voltage            | $V_R$     | 5          | V    |
| Power Dissipation          | $P_D$     | 133        | 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        | $V_F$           | $I_F=30mA$ | 3.0  | 3.3   | 3.8  | V    |
| DC Reverse Current        | $I_R$           | $V_R=5V$   | -    | -     | 10   | μA   |
| Luminous Intensity*       | $I_v$           | $I_F=30mA$ | -    | 23000 | -    | mcd  |
| Chromaticity Coordinates* | x               | $I_F=30mA$ | -    | 0.45  | -    |      |
|                           | y               | $I_F=30mA$ | -    | 0.41  | -    |      |
| 50% Power Angle           | $2\theta_{1/2}$ | $I_F=30mA$ | -    | 15    | -    | deg  |

\*1 Tolerance of chromaticity coordinates is ±10%

\*2 Tolerance of luminous intensity is ±15%