

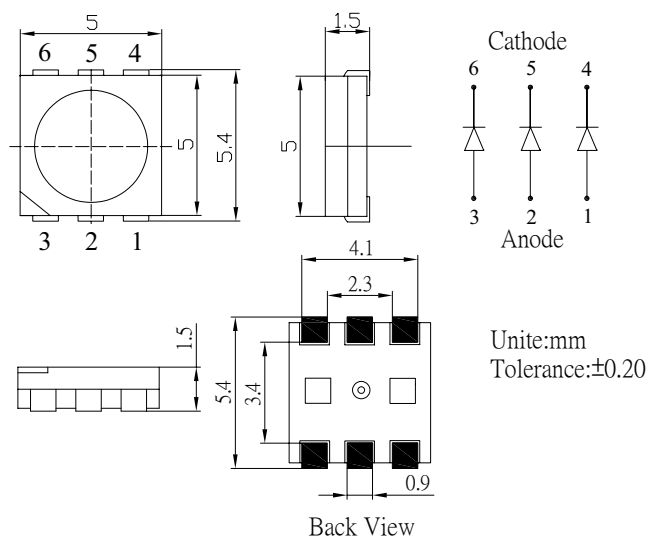
### ■Features

- High Luminous PLCC6 Top SMD LEDs
- 5.0x5.0x1.5mm Standard Directivity
- Superior Weather-resistance
- UV Resistant Epoxy
- Water Clear Type

### ■Applications

- Automotive Dashboard Lighting
- Back Lighting
- Other Lighting

### ■Outline Dimension



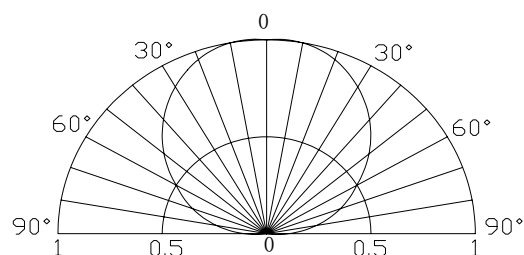
### ■Absolute Maximum Rating

(Ta=25°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          | $P_D$     | 270        | mW   |
| Operating Temperature      | $T_{opr}$ | -30 ~ +85  | °C   |
| Storage Temperature        | $T_{stg}$ | -40 ~ +100 | °C   |
| Lead Soldering Temperature | $T_{sol}$ | 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       | $V_F$           | $I_F=60mA$ | 3.0  | 3.2  | 3.6  | V    |
| DC Reverse Current       | $I_R$           | $V_R=5V$   | -    | -    | 10   | μA   |
| Luminous Intensity*      | $I_v$           | $I_F=60mA$ | -    | 7000 | -    | mcd  |
| Chromaticity Coordinate* | x               | $I_F=60mA$ | -    | 0.27 | -    |      |
|                          | y               | $I_F=60mA$ | -    | 0.28 | -    |      |
| 50% Power Angle          | $2\theta_{1/2}$ | $I_F=60mA$ | -    | 120  | -    | deg  |

\*1 Tolerance of chromaticity coordinate is ±10%

\*2 Tolerance of luminous intensity is ±15%

## LED & Application Technologies