

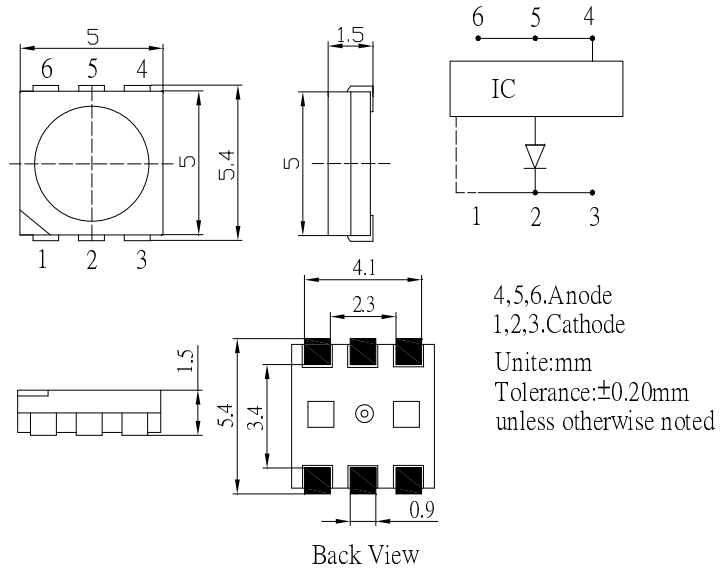
■ **Features**

- High Luminous PLCC6 Top SMD LEDs
- 5.0x5.0x1.5mm Standard Directivity
- Superior Weather-resistance
- Flashing Type
- Water Clear Type/W&M: Yellow diffused Type

■ **Applications**

- Toys
- Games
- Audio
- Other Lighting

■ **Outline Dimension**

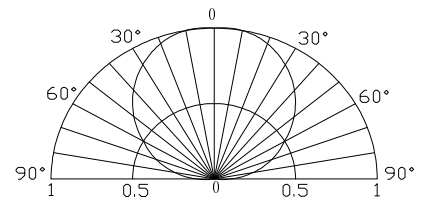


■ **Absolute Maximum Rating**

(Ta=25°C)

| Item | Symbol | Value | Unit |
|----------------------------|---------|-------------|------|
| Power Supply | Voltage | 5 | V |
| Operating Temperature | Topr | -30 ~ +85 | °C |
| Storage Temperature | Tstg | -40~ +100 | °C |
| Lead Soldering Temperature | Tsol | 260°C/10sec | - |

■ **Directivity**



■ **Electrical -Optical Characteristics**

(Ta=25°C)

| Part Number | Color | | V _F (V) | | | Fled (Hz) | I _v (mcd) | | | λD(nm) | | | 2θ1/2(deg) |
|----------------------|--------------|----|--------------------|------|------|-----------|----------------------|------|------|---------------|------|------|------------|
| | | | Min. | Typ. | Max. | Max. | Min. | Typ. | Max. | Min. | Typ. | Max. | Typ. |
| I _F =20mA | | | | | | | | | | | | | |
| OSW5DSS4C1A | White | W | 3.0 | 3.3 | 5.0 | 1.8 | 750 | 1120 | - | X:0.27,Y:0.28 | | 120 | |
| OSM5DSS4C1A | Warm White | M | 3.0 | 3.3 | 5.0 | 1.8 | 750 | 1120 | - | X:0.45,Y:0.41 | | 120 | |
| OSB5SSS4C1A | Blue | B | 3.0 | 3.3 | 5.0 | 1.8 | 220 | 500 | - | 465 | 470 | 475 | 120 |
| OSG5DSS4C1A | True Green | PG | 3.0 | 3.3 | 5.0 | 1.8 | 750 | 1120 | - | 520 | 525 | 530 | 120 |
| OSG8HSS4C1A | Yellow Green | YG | 3.0 | 3.3 | 5.0 | 1.8 | 100 | 150 | - | 565 | 570 | 575 | 120 |
| OSY5RSS4C1A | Yellow | Y | 3.0 | 3.3 | 5.0 | 1.8 | 150 | 330 | - | 585 | 590 | 595 | 120 |
| OSO5RSS4C1A | Orange | O | 3.0 | 3.3 | 5.0 | 1.8 | 220 | 330 | - | 600 | 605 | 610 | 120 |
| OSR5RSS4C1A | Red | R | 3.0 | 3.3 | 5.0 | 1.8 | 150 | 330 | - | 620 | 625 | 630 | 120 |

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

*2 Tolerance of measurements of dominant wavelength is ±1nm

*3 Tolerance of measurements of luminous intensity is ±15%

*4 Tolerance of measurements of forward voltage is ±0.1V

*5. Tolerance of measurements of Frequency is ±20%

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