

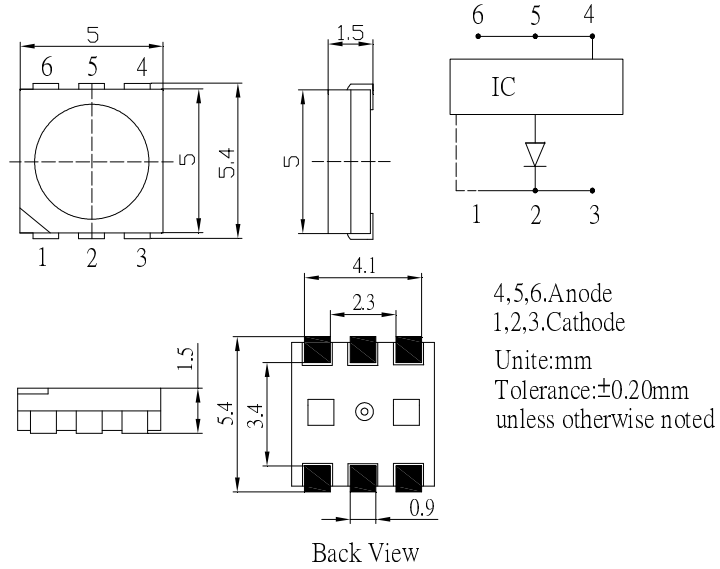
**■ Features**

- 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**

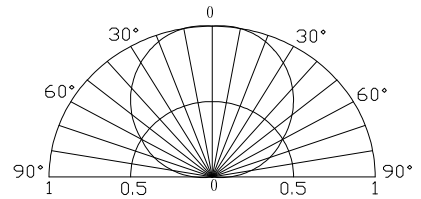


**■ Absolute Maximum Rating**

(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 <sub>F</sub> (V)			Fled (Hz)	I <sub>v</sub> (mcd)			λD(nm)			2θ1/2(deg)
			Min.	Typ.	Max.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.	Typ.
I <sub>F</sub> =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%