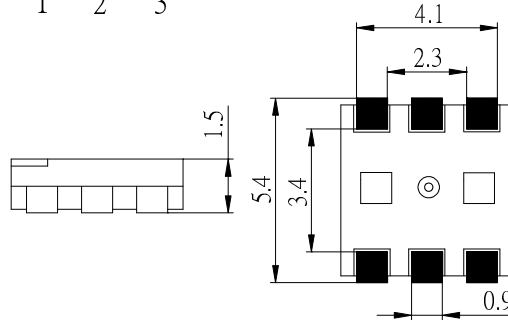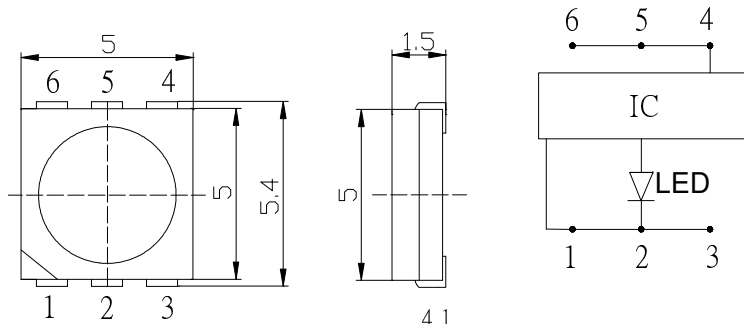# OptoSupply
Light It Up

■Features

- High Luminous PLCC6 Top SMD LEDs
- 5.0x5.0x1.5mm Standard Directivity
- Candle Flashing Type
- Water Clear Type

■Applications

- Toys
- Games
- Audio
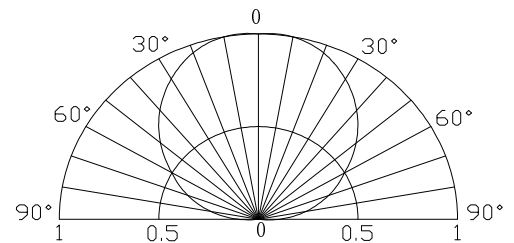- Other Lighting

■Outline Dimension

4,5,6.Anode
1,2,3.Cathode

Unite:mm
Tolerance:±0.20mm
unless otherwise noted

Back View

■Absolute Maximum Rating   (Ta=25℃)

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

■Directivity

■Electrical -Optical Characteristics   (Ta=25℃)

Item	Symbol	Conditio	Min.	Typ.	Max.	Unit
DC Forward Voltage	Vdd	I_F=20mA	2.5	3.3	5.0	V
Domi. Wavelength*	λ_D	I_F=20mA	585	590	595	nm
Luminous Intensity*	Iv	I_F=20mA	750	1120	-	mcd
50% Power Angle	$2\theta_{1/2}$	I_F=20mA	-	120	-	deg

*1 Tolerance of measurements of dominant wavelength is ±1nm
*2 Tolerance of measurements of luminous intensity is ±15
*3 Tolerance of measurements of forward voltage is ±0.1V

LED & Application Technologies

CNAS IAF ISO 9001: 2008   RoHS Compliant EU2002/95/EC   REACH The new EU chemicals legislation   ATTENTION OBSERVE PRECAUTIONS ELECTROSTATIC SENSITIVE DEVICES

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