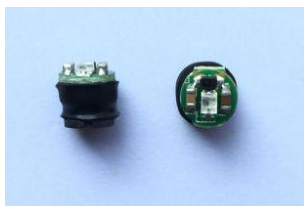


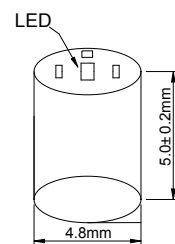
■ **Features**

- Light up LED without wires
- Built-in chip LED (LxWxT) of 2.0 x 1.25 x 0.8mm
- Small size Ø4.8mm x H5.0mm
- No batteries needed
- 
- 

■ **Photo**



■ **Outline Dimension**



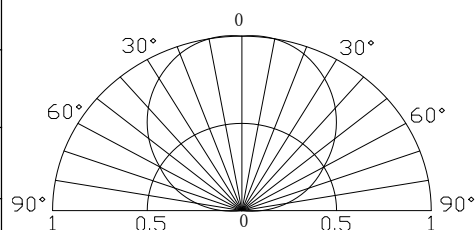
■ **Applications**

- Models
- Toys
- Games & etc.

■ **Absolute Maximum Rating** (Ta=25°C)






Item	Symbol	Value	Unit
Power Dissipation	P <sub>D</sub>	102	mW
Operating Temperature	T <sub>opr</sub>	-40 ~ +85	°C
Storage Temperature	T <sub>stg</sub>	-40 ~ +85	°C

■ **Directivity**



\*Pulse width Max 0.1ms, Duty ratio max 1/10

■ **Electrical -Optical Characteristics** (Ta=25°C)

Part Number	Color			Fled (Hz)	I <sub>v</sub> (mcd)			λD(nm)			2θ1/2(deg)
				Max.	Min.	Typ.	Max.	Min.	Typ.	Max.	Typ.
I <sub>F</sub> =20mA											
OSWF43-WSW	White	W		1.5	-	450	-	-	CCT: 10000K	-	120
OSWF43-MSW	Warm White	M		1.5	-	450	-	-	CCT: 3000K	-	120
OSWF43-BSW	Blue	B		1.5	-	50	-	-	465	-	120
OSWF43-PSW	True green	PG		1.5	-	550	-	-	525	-	120
OSWF43-YSW	Yellow	Y		1.5	-	100	-	-	590	-	120
OSWF43-RSW	Red	R		1.5	-	100	-	-	625	-	120

Note: \*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 Frequency is ±20%