

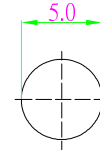
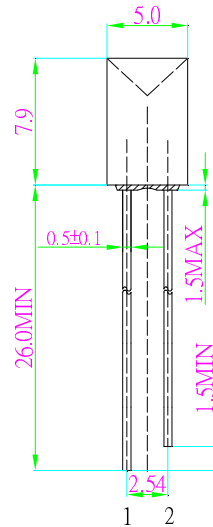
**■ Features**

- High Luminous LEDs
- 5mm Concave Standard Directivity
- Candle Flickering Type
- Water Clear Type

**■ Applications**

- Toys
- Games
- Audio
- Other Lighting

**■ Outline Dimension**



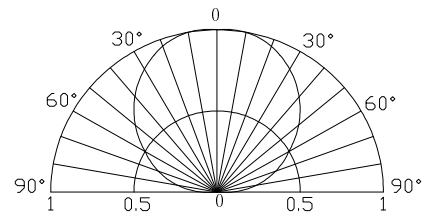
1. Anode  
2. Cathode  
Unit:mm  
Tolerance:±0.20mm  
unless otherwise noted

**■ Absolute Maximum Rating**

(Ta=25°C)

Item	Symbol	Value	Unit
Power Supply	Voltage	5.0	V
Operating Temperature	Topr	-30 ~ +85	°C
Storage Temperature	Tstg	-40~ +100	°C
Lead Soldering Temperature	Tsol	260°C/5sec	-

**■ Directivity**



**■ Electrical -Optical Characteristics**

(Ta=25°C)

Part Number	Color		V <sub>F</sub> (V)*			I <sub>v</sub> (mcd)*			CCT(K)/λD(nm)*			2θ <sub>1/2</sub> (deg)
			Min.	Typ.	Max.	Typ.	Typ.	Max.	Min.	Typ.	Max.	Typ.
V <sub>F</sub> =3.3V												
OS5WDK5MC1B	Cool White	W	2.5	3.3	5.0	1560	2180	-	8500-18000K(X:0.27,Y:0.28)			120
OS5MDK5MC1B	Warm White	M	2.5	3.3	5.0	1560	2180	-	2700-3300K(X:0.44,Y:0.41)			120
OSB5SK5MC1B	Blue	B	2.5	3.3	5.0	330	500	-	465	470	475	120
OSG5DK5MC1B	Pure Green	TG	2.5	3.3	5.0	1560	2180	-	520	525	530	120
OSY5MK5MC1B	Yellow	Y	2.5	3.3	5.0	750	1120	-	585	590	595	120
OSR5MK5MC1B	Red	R	2.5	3.3	5.0	750	1120	-	620	625	630	120

\*1 Tolerance of measurements of chromaticity coordinates 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%