

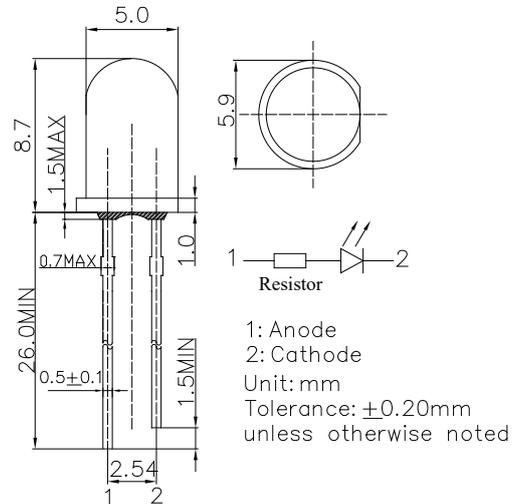
### ■ Features

- High Luminous LEDs
- 5mm Round Standard Directivity
- UV Resistant Epoxy
- Integral Current Limiting Resistor
- TTL Compatible (Requires No External Current Limiter With 12 Volt Supply)
- Cost Effective (Saves Space and Resistor Cost)
- White Diffused

### ■ Applications

- Status Indicators
- Other Lighting

### ■ Outline Dimension

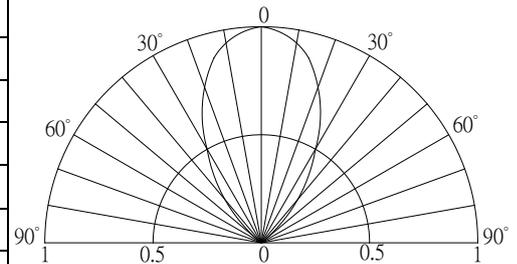


### ■ Absolute Maximum Rating

(Ta=25°C)

Item	Symbol	Value	Unit
DC Forward Voltage	V <sub>F</sub>	15	V
Reverse Voltage	V <sub>R</sub>	5	V
Power Dissipation	P <sub>D</sub>	225	mW
Operating Temperature	T <sub>opr</sub>	-30 ~ +85	°C
Storage Temperature	T <sub>stg</sub>	-40 ~ +100	°C
Lead Soldering Temperature	T <sub>sol</sub>	260°C/5sec	-

### ■ Directivity



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

Part Number	Color			I <sub>F</sub> (mA)			I <sub>v</sub> (mcd)*			λD(nm)* / CCT(K)			2θ1/2(deg)
				Min	Typ.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.	Typ.
				V <sub>F</sub> = 12V			V <sub>F</sub> = 12V						
OSW5DK5B62A-12V	Cool White	W		-	10	15	1560	2180	-	X=0.27, Y=0.28(CCT:8500-18000K)			60
OSM5DK5B62A-12V	Warm White	M		-	10	15	1560	2180	-	X=0.45, Y=0.41(2700-3300K)			60
OSK5DK5B62A-12V	Pink	K		-	10	15	500	750	-	X=0.45, Y=0.17			60
OSB5SA5B62A-12V	Blue	B		-	10	15	750	1120	-	465	470	475	60
OSG5DA5B62A-12V	Pure Green	PG		-	10	15	1560	2180	-	520	525	530	60
OSG8HA5B62A-12V	Yellow Green	YG		-	10	15	68	100	-	565	570	575	60
OSY5PA5B62A-12V	Yellow	Y		-	10	15	750	1120	-	585	590	595	60
OSO5PA5B62A-12V	Orange	O		-	10	15	750	1120	-	600	605	610	60
OSR5PA5B62A-12V	Red	R		-	10	15	750	1120	-	620	625	630	60

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

\*2 Tolerance of measurements of luminous intensity is ±15%

\*3 Tolerance of measurements of dominant wavelength is +1nm