



EN: This Datasheet/Document is presented by the manufacturer.

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■ Features

- High Luminous LEDs
- 5mm Round Standard Directivity
- UV Resistant Epoxy
- Color Diffused Type
- White Diffused for White / Warm White

■ Applications

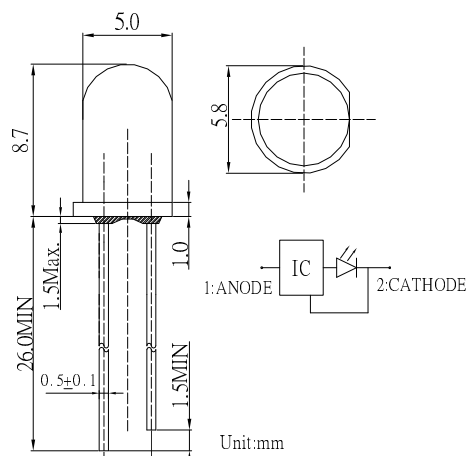
- Toys
- Games
- Audio / Other Lighting

■ Absolute Maximum Rating

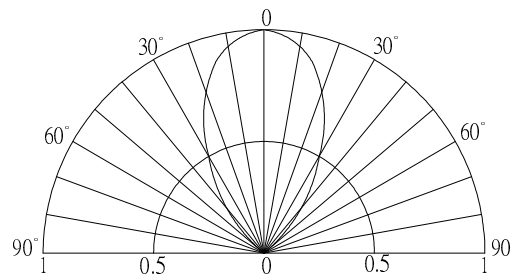
(Ta=25°C)

Item	Symbol	Value	Unit
Power Supply	Voltage	5	V
Duty Cycle	Duty	1/2	-
Operating Temperature	Topr	-30 ~ +85	°C
Storage Temperature	Tstg	-40 ~ +100	°C
Lead Soldering Temperature	Tsol	260°C/5sec	-

■ Outline Dimension



■ Directivity



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

Part Number	Color			V _F (V)*			I _v (mcd)*			λD(nm)*			Fled (Hz)*	2θ1/2(deg)
				Min.	Typ.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.	Typ.	Typ
				I _F =20mA			I _F =20mA							
OSW5DS5B62A	Cool White	W		3.0	3.5	5.0	2180	3000	-	CCT:8000-18000K			1.8	60
OSM5DS5B62A	Warm White	M		3.0	3.5	5.0	1560	2180	-	CCT:2700-3200K				
OSB5SS5B64A	Blue	B		3.0	3.5	5.0	330	500	-	465	470	475		
OSG5DS5B64A	Pure Green	G		3.0	3.5	5.0	2180	3000	-	520	525	530		
OSG8HS5B64A	Yellow Green	Y		3.0	3.5	5.0	68	100	-	565	570	575		
OSY5JS5B64A	Yellow	Y		3.0	3.5	5.0	220	330	-	585	590	595		
OSY5MS5B64A	Yellow	Y		3.0	3.5	5.0	1120	1560	-	585	590	595		
OSO5JS5B64A	Orange	O		3.0	3.5	5.0	330	500	-	600	605	610		
OSR5JS5B64A	Red	R		3.0	3.5	5.0	220	330	-	620	625	630		
OSR5MS5B64A	Red	R		3.0	3.5	5.0	1120	1560	-	620	625	630		

*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%