

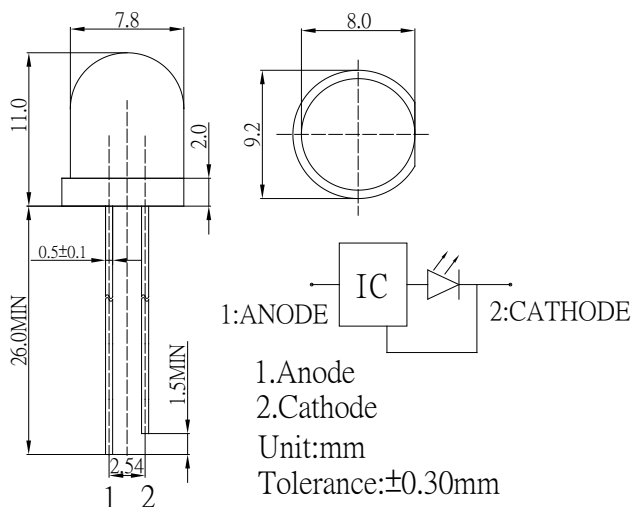
■Features

- High Luminous Intensity
- 8mm Round Standard Directivity
- 1.8Hz 1/2 Duty Cycle Flashing Type
- UV Resistance
- Water Clear Type

■Applications

- Status indicator
- Signage applications
- Decorative and entertainment lighting
- Other lighting

■Outline Dimension



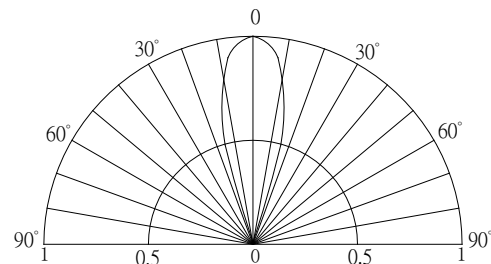
■Absolute Maximum Rating

(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	-

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

■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							
OSW5DS8131A	Cool White	W		3.0	3.5	5.0	7000	8400	-	CCT:8000-18000K			1.8	30
OSM5DS8131A	Warm White	M		3.0	3.5	5.0	7000	8400	-	CCT:2700-3200K				
OSB5SS8131A	Blue	B		3.0	3.5	5.0	2000	2500	-	465	470	475		
OSG5DS8131A	Pure Green	G		3.0	3.5	5.0	7000	8400	-	520	525	530		
OSG8HS8131A	Yellow Green	YG		3.0	3.5	5.0	750	1120	-	565	570	575		
OSY5JS8131A	Yellow	Y		3.0	3.5	5.0	1560	2180	-	585	590	595		
OSO5JS8131A	Orange	O		3.0	3.5	5.0	1560	2180	-	600	605	610		
OSR5JS8131A	Red	R		3.0	3.5	5.0	1560	2180	-	620	625	630		

*1 Tolerance of measurements of chromaticity coordinates/CCT 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%