

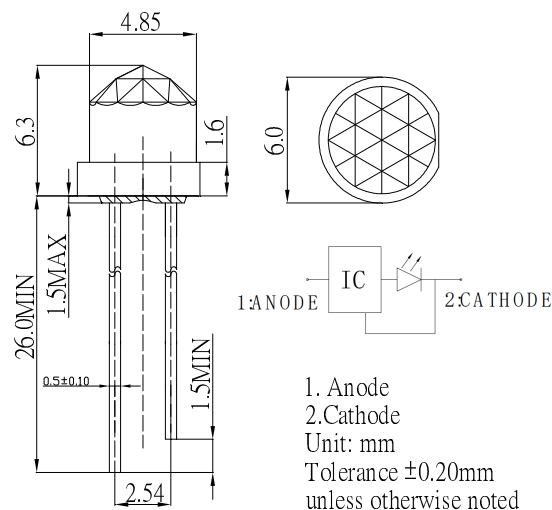
■ Features

- High Luminous LEDs
- 4.85mm Diamond Standard Directivity
- UV Resistant Epoxy
- Built-in IC
- Water Clear Type

■ Applications

- Toys
- Games
- Audio
- Other Lighting

■ Outline Dimension

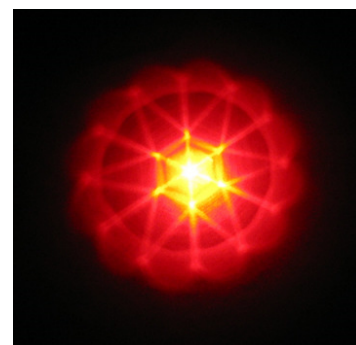


■ Absolute Maximum Rating

(Ta=25°C)

Item	Symbol	Value	Unit
		W/M/B/TG /R/Y/YG/O	
Power Supply	Voltage	5	V
Duty Cycle	Duty	1/12	-
Operating Temperature	Topr	-30 ~ +85	°C
Storage Temperature	Tstg	-30~ +85	°C
Lead Soldering Temperature	Tsol	260°C/5sec	-

■ Directivity



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

Part Number	Color			VDD(V)*			Iv(mcd)*			λD(nm)*			Fled (Hz)*	2θ1/2(deg)
				Min	Typ.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.	Typ.	Typ.
				IF=20mA			IF=20mA							
OSW5DSEDD1A-1.8HZ	White	W		3.0	3.3	5.0	1560	2180	-	X=0.27, Y=0.28(CCT:8000-18000K)			1.8	-
OSM5DSEDD1A-1.8HZ	Warm White	M		3.0	3.3	5.0	1120	1560	-	X=0.45, Y=0.41(CCT:2700-3300K)			1.8	-
OSB5SSEDD1A-1.8HZ	Blue	B		3.0	3.3	5.0	500	750	-	465	470	475	1.8	-
OSG5DSEDD1A-1.8HZ	Pure Green	TG		3.0	3.3	5.0	1560	2180	-	520	525	530	1.8	-
OSG8HSEDD1A-1.8HZ	Yellow Green	G		3.0	3.3	5.0	220	330	-	565	570	575	1.8	-
OSY5RSEDD1A-1.8HZ	Yellow	Y		3.0	3.3	5.0	500	750	-	585	590	595	1.8	-
OSO5JSEDD1A-1.8HZ	Orange	O		3.0	3.3	5.0	500	750	-	600	605	610	1.8	-
OSR5RSEDD1A-1.8HZ	Red	R		3.0	3.3	5.0	500	750	-	620	625	630	1.8	-

*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%