

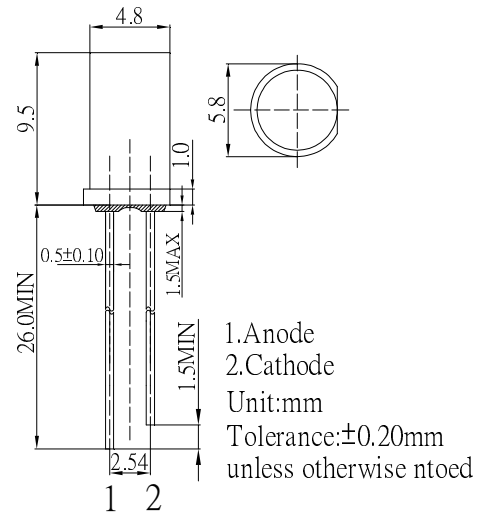
■ **Features**

- High Luminous LEDs
- 5mm Flat Top Standard Directivity
- Full Color Flashing Type
- UV Resistant Epoxy
- Water Clear Type

■ **Applications**

- Toys
- Games
- Audio
- Other Lighting

■ **Outline Dimension**

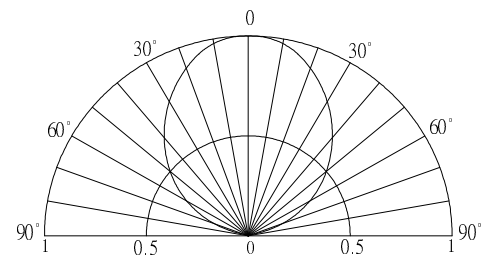


■ **Absolute Maximum Rating**

(Ta=25°C)

Item	Symbol	Value	Unit
IC Output Current	Iop	100	mA
Blinking Cycle	T	33	S
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	°C

■ **Directivity**



■ **Electrical -Optical Characteristics**

(Ta=25°C)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage	Vdd	If=20mA	3.8	4.5	5	V
DC Reverse Current	IR	VR=5V	-	-	10	µA
Domi. Wavelength	λD (Red)	If=20mA	620	625	630	nm
	λD (Blue)	If=20mA	465	470	475	nm
	λD (Green)	If=20mA	520	525	530	nm
Luminous Intensity	Iv(Red)	If=20mA	1560	2180	-	mcd
	Iv(Blue)	If=20mA	1120	1560	-	mcd
	Iv(Green)	If=20mA	2180	3000	-	mcd
50% Power Angle	2θ1/2	If=20mA	-	100	-	deg

*1 Tolerance of measurements of dominant wavelength is ±1nm

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

*3 Tolerance of measurements of forward voltage is ±0.1V

*4 Tolerance of measurements of forward voltage is ±0.1V

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