

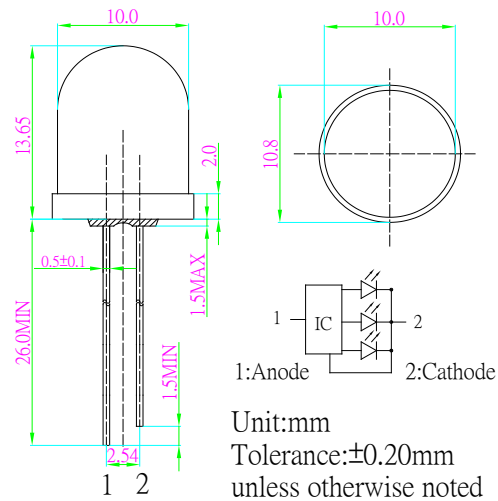
■Features

- High Luminous LEDs
- 10mm Round Standard Directivity
- Color Changing Type
- Water Clear Type

■Applications

- Toys
- Games
- Audio
- Other Lighting

■Outline Dimension

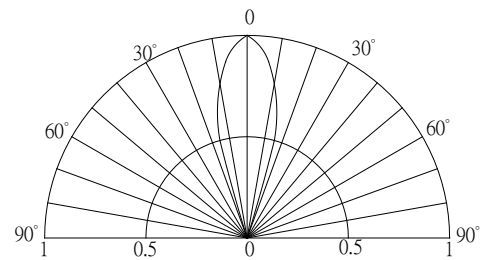


■Absolute Maximum Rating

(Ta=25°C)

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

■Directivity



■Electrical -Optical Characteristics

(Ta=25°C)

Item	Symbol	Conditio	Min.	Typ.	Max.	Unit
DC Forward Voltage*1	Vdd	IF=20mA	3.8	4.5	5.0	V
Oscillator Frequency*2	Fled	IF=20mA	-	60	-	S
Duty Cycle	Duty	IF=20mA	-	-	-	-
Domi. Wavelength*3	λD (Red)	IF=20mA	620	625	630	nm
	λD (Blue)	IF=20mA	465	470	475	nm
	λD	IF=20mA	520	525	530	nm
Luminous Intensity*4	Iv(Red)	IF=20mA	7000	8400	-	mcd
	Iv(Blue)	IF=20mA	3000	4000	-	mcd
	Iv(Green)	IF=20mA	12000	14400	-	mcd
50% Power Angle	2θ1/2	IF=20mA	-	30	-	deg

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

*2 Tolerance of measurements of Frequency is ±20%

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

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