

5mm Round Full Color Flashing Red & Blue & Green LED

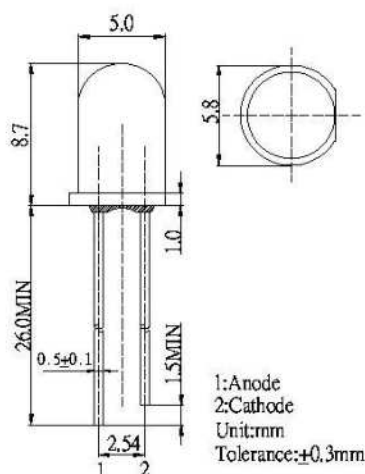
■Features

- High Luminous LEDs
- 5mm Round Standard Directivity
- Superior Weather-resistance
- Full Color Flashing Type
- White Diffused Type

■Applications

- Toys
- Games
- Audio
- Other Lighting

■Outline Dimension

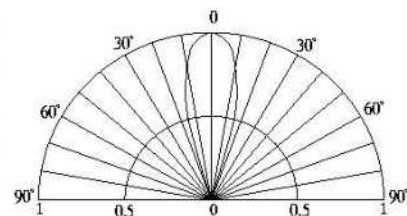


■Absolute Maximum Rating

(Ta=25℃)

Item	Symbol	Value	Unit
IC Output Current	I _{op}	100	mA
Blinking Cycle	T	33	S
Power Supply	Voltage	5.0	V
Operating Temperature	T _{opr}	-30 ~ +85	℃
Storage Temperature	T _{stg}	-40 ~ +100	℃
Lead Soldering Temperature	T _{sol}	260℃/5sec	℃

■Directivity



■Electrical -Optical Characteristics

(Ta=25℃)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage	V _{dd}	I _F =20mA	3.8	4.5	5	V
DC Reverse Current	I _R	V _R =5V	-	-	10	μA
Domi. Wavelength	λ _D (Red)	I _F =20mA	620	625	640	nm
	λ _D (Blue)	I _F =20mA	465	470	475	nm
	λ _D (Green)	I _F =20mA	520	525	530	nm
Luminous Intensity	I _v (Red)	I _F =20mA	220	330	500	mcd
	I _v (Blue)	I _F =20mA	330	500	750	mcd
	I _v (Green)	I _F =20mA	500	750	1120	mcd
50% Power Angle	2θ _{1/2}	I _F =20mA	-	30	-	deg

*1 Tolerance of dominant Wavelength is ±1nm

*2 Tolerance of luminous intensity is ±15%

LED & Application Technologies



VER A.0