

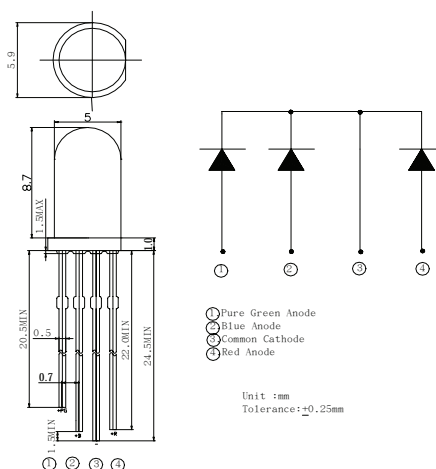
■Features

- High Luminous Output
- 5mm Standard Directivity
- Superior Weather-resistance
- White Clear Type

■Applications

- Toys
- Games
- Audio

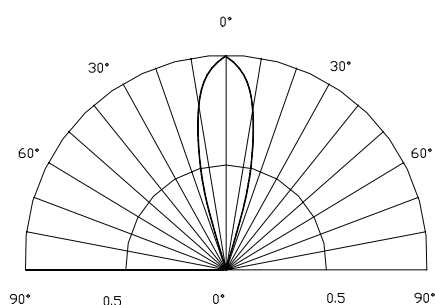
■Outline Dimension



■Absolute Maximum Rating (Ta=25°C)

Item	Symbol	Value	Unit
DC Forward Current	I_F	30	mA
Pulse Forward Current*	I_{FP}	100	mA
Reverse Voltage	V_R	5	V
Power Dissipation	P_D	120	mW
Operating Temperature	T_{opr}	-30 ~ +80	°C
Storage Temperature	T_{stg}	-30 ~ +100	°C
Lead Soldering Temperature	T_{sol}	260°C/5sec	-

■Directivity



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

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage	$V_F (R)$	$I_F=20mA$	1.8	2.0	2.4	V
	$V_F (B/G)$	$I_F=20mA$	2.8	3.4	4.0	V
DC Reverse Current	I_R	$V_R=5V$	-	-	10	μA
Domi. Wavelength	$\lambda_D (Red)$	$I_F=20mA$	635	640	645	nm
	$\lambda_D (Green)$	$I_F=20mA$	520	525	530	nm
	$\lambda_D (Blue)$	$I_F=20mA$	465	470	475	nm
Luminous Intensity	$I_v (Red)$	$I_F=20mA$	1560	2180	3000	mcd
	$I_v (Green)$	$I_F=20mA$	4200	5800	7000	mcd
	$I_v (Blue)$	$I_F=20mA$	2180	3000	4200	mcd
50% Power Angle	$2\theta_{1/2}$	$I_F=20mA$	-	30	-	deg