

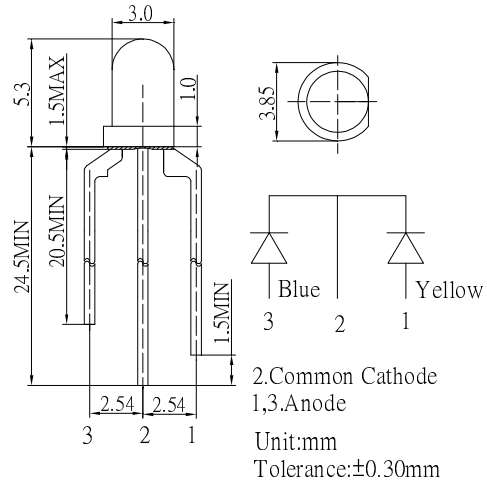
■ **Features**

- High Luminous LEDs
- 3mm Round Standard Directivity
- Superior Weather-resistance
- UV Resistant Epoxy
- White diffused type

■ **Applications**

- Toys
- Games
- Audio
- Other Lighting

■ **Outline Dimension**



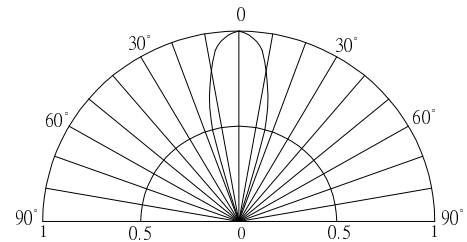
■ **Absolute Maximum Rating**

(Ta=25°C)

Item	Symbol	Value		Unit
		Yellow	Blue	
DC Forward Current	I <sub>F</sub>	30	30	mA
Pulse Forward Current*	I <sub>FP</sub>	120	100	mA
Reverse Voltage	V <sub>R</sub>	5	5	V
Power Dissipation	P <sub>D</sub>	78	108	mW
Operating Temperature	T <sub>opr</sub>	-30~ +85		°C
Storage Temperature	T <sub>stg</sub>	-40 ~ +100		°C
Lead Soldering Temperature	T <sub>sol</sub>	260°C/5sec		-

\*Pulse width Max.10ms Duty ratio max 1/10

■ **Directivity**



■ **Electrical -Optical Characteristics**

(Ta=25°C)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage	V <sub>F</sub> (Yellow)	I <sub>F</sub> =20mA	1.9	2.2	2.6	V
DC Forward Voltage	V <sub>F</sub> (Blue)	I <sub>F</sub> =20mA	2.9	3.1	3.6	V
DC Reverse Current	I <sub>R</sub>	V <sub>R</sub> =5V	-	-	10	μA
Domi. Wavelength*	λ <sub>D</sub> (Yellow)	I <sub>F</sub> =20mA	585	590	595	nm
	λ <sub>D</sub> (Blue)	I <sub>F</sub> =20mA	465	470	475	nm
Luminous Intensity*	I <sub>v</sub> (Yellow)	I <sub>F</sub> =20mA	-	500	-	mcd
	I <sub>v</sub> (Blue)	I <sub>F</sub> =20mA	-	700	-	mcd
50% Power Angle	2θ <sub>1/2</sub>	I <sub>F</sub> =20mA	-	30	-	deg

\*1 Tolerance of dominant wavelength is ±1nm

\*2 Tolerance of luminous intensity is ±15%