

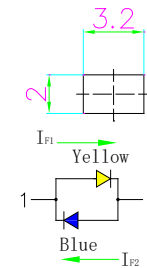
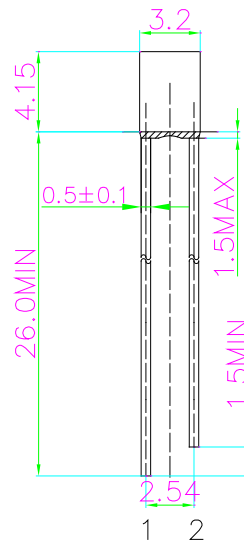
■Features

- High Luminous LEDs
- 2*3*4mm Rectangular Standard Directivity
- Long Lifetime Operation
- UV Resistant Epoxy
- White Diffused Type
- Bi-polar

■Applications

- Toys
- Audio
- Games
- Other Lighting

■Outline Dimension



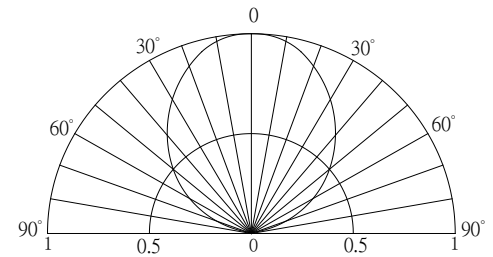
1. Anode
2. Cathode
Unit: mm
Tolerance: $\pm 0.20\text{mm}$
unless otherwise noted

■Absolute Maximum Rating

($T_a=25^\circ\text{C}$)

Item	Symbol	Value		Unit
		YL	Blue	
DC Forward Current	I_F	30	30	mA
Pulse Forward Current#	I_{FP}	100	100	mA
Reverse Voltage	V_R	5	5	V
Power Dissipation	P_D	78	102	mW
Operating Temperature	T_{opr}	-30 ~ +85		$^\circ\text{C}$
Storage Temperature	T_{stg}	-40 ~ +100		$^\circ\text{C}$
Lead Soldering Temperature	T_{sol}	260 $^\circ\text{C}$ /5sec		-

■Directivity



#Pulse width Max.10ms Duty ratio max 1/10

■Electrical -Optical Characteristics

($T_a=25^\circ\text{C}$)

Item	Color.	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage*1	YL	V_{F1}	$I_{F1}=20\text{mA}$	-	2.1	2.6	V
	Blue	V_{F2}	$I_{F2}=20\text{mA}$	-	2.9	3.4	V
Domi. Wavelength*2	YL	λ_{D1}	$I_{F1}=20\text{mA}$	585	590	595	nm
	Blue	λ_{D2}	$I_{F2}=20\text{mA}$	465	470	475	nm
Luminous Intensity*3	YL	I_{v1}	$I_{F1}=20\text{mA}$	220	330	-	mcd
	Blue	I_{v2}	$I_{F2}=20\text{mA}$	150	220	-	mcd
50%Power Angle	YL	$2\theta_{1/2}$	$I_{F1}=20\text{mA}$	-	100	-	deg
	Blue	$2\theta_{1/2}$	$I_{F2}=20\text{mA}$	-	100	-	deg

*1 Tolerance of measurements of forward voltage is ± 0.1

*2 Tolerance of measurements of dominant wavelength is $\pm 1\text{nm}$

*3 Tolerance of measurements of Luminous Intensity is $\pm 15\%$