

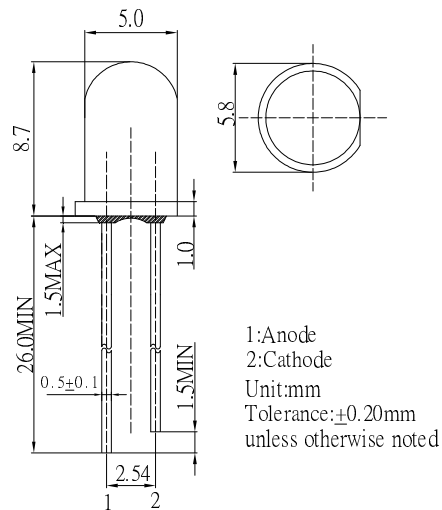
■ Features

- High Luminous LEDs
- 5mm Round Standard Directivity
- Superior Weather-resistance
- UV Resistant Epoxy
- Water Clear Type

■ Applications

- Advertising Board
- Horticulture Application
- Traffic Light / Signal Light
- Beauty product
- Other Lighting

■ Outline Dimension

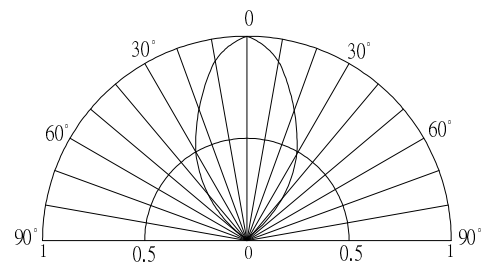


■ Absolute Maximum Rating

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

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	102	mW
Operating Temperature	T_{opr}	$-30 \sim +85$	$^\circ\text{C}$
Storage Temperature	T_{stg}	$-40 \sim +100$	$^\circ\text{C}$
Lead Soldering Temperature	T_{sol}	$260^\circ\text{C}/5\text{sec}$	-

■ Directivity



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

■ Electrical -Optical Characteristics

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

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage	V_F	$I_F = 30\text{mA}$	2.7	2.9	3.4	V
DC Reverse Current	I_R	$V_R = 5\text{V}$	-	-	10	μA
Luminous Flux	Φ_v	$I_F = 30\text{mA}$	9	10	-	lm
Luminous Intensity*	I_v	$I_F = 30\text{mA}$	10	12	-	cd
Domi. Wavelength*	λ_D	$I_F = 30\text{mA}$	520	525	530	nm
50% Power Angle	$2\theta_{1/2}$	$I_F = 30\text{mA}$	-	60	-	deg

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

*2 Tolerance of measurements of luminous intensity is $\pm 15\%$

*3 Tolerance of measurements of forward voltage is $\pm 0.1\text{V}$