

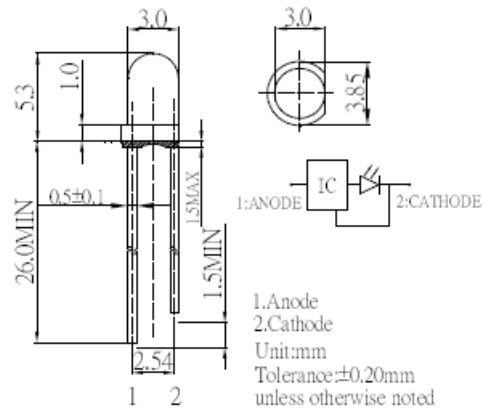
**■Features**

- Highest Luminous Flux
- 3mm Round Standard Directivity
- Flashing Type
- Superior UV Resistance
- Color Diffused Type
- White Diffused Type only for White LED

**■Applications**

- Electronic Signs And Signals
- Small Area Illuminations
- Back Lighting
- Other Lighting

**■Outline Dimension**



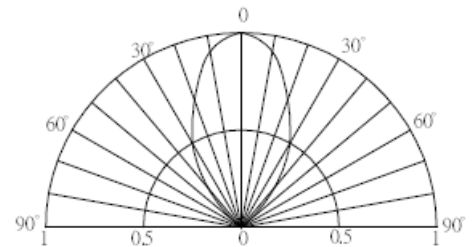
**■Absolute Maximum Rating**

(Ta=25°C)

Item	Symbol	Value	Unit
		W/M/B/TG/R/Y/YG/O	
Power Supply	Voltage	5	V
Duty Cycle	Duty	1/2	-
Operating Temperature	Topr	-30 ~ +85	°C
Storage Temperature	Tstg	-40~ +100	°C
Lead Soldering Temperature	Tsol	260°C /5sec	-










\*Pulse width Max 0.1ms, Duty ratio max 1/10

**■Directivity**



**■Electrical -Optical Characteristics**

(Ta=25°C)

Color			VF (V)			Iv(mcd)*			λD(nm)*			Fled (Hz)*	2θ1/2(deg)
			Min.	Typ.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.	Typ.	Typ
			If =20mA			If =20mA							
Cool White	W		3.0	3.5	5.0	2180	3000	-	CCT:8000-18000K			1.8	60
Warm White	M		3.0	3.5	5.0	1560	2180	-	CCT:2700-3200K				
Blue	B		3.0	3.5	5.0	330	500	-	465	470	475		
Pure Green	G		3.0	3.5	5.0	2180	3000	-	520	525	530		
Yellow Green	YG		3.0	3.5	5.0	68	100	-	565	570	575		
Yellow	Y		3.0	3.5	5.0	220	330	-	585	590	595		
Yellow	Y		3.0	3.5	5.0	1120	1560	-	585	590	595		
Orange	O		3.0	3.5	5.0	330	500	-	600	605	610		
Red	R		3.0	3.5	5.0	220	330	-	620	625	630		
Red	R		3.0	3.5	5.0	1120	1560	-	620	625	630		

\*1 Tolerance of measurements of chromaticity coordinates is +10%

\*2 Tolerance of measurements of dominant wavelength is +1nm

\*3 Tolerance of measurements of luminous intensity is +15%

\*4 Tolerance of measurements of forward voltage is +0.1V

\*5 Tolerance of measurements of Frequency is +-20%