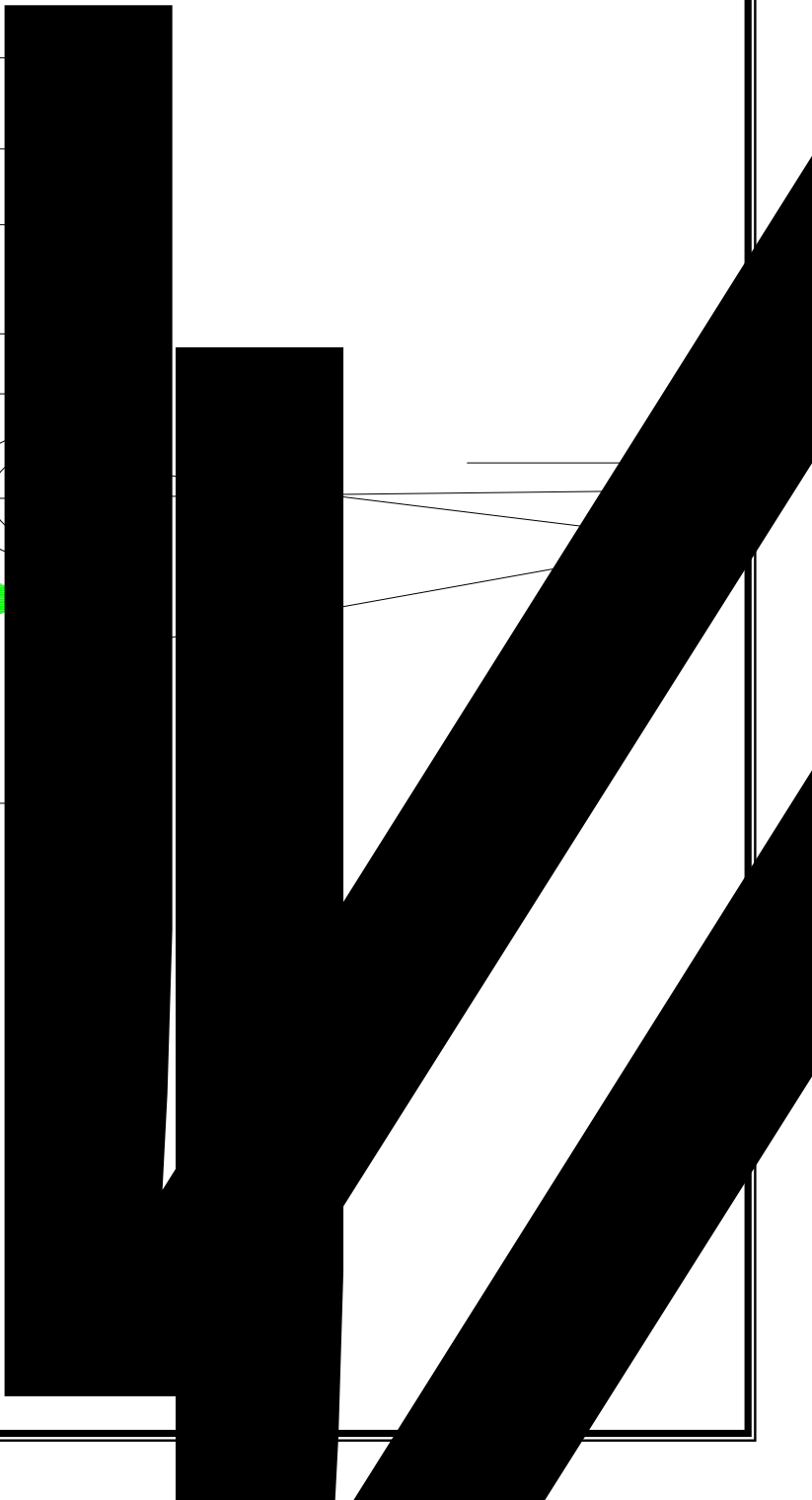
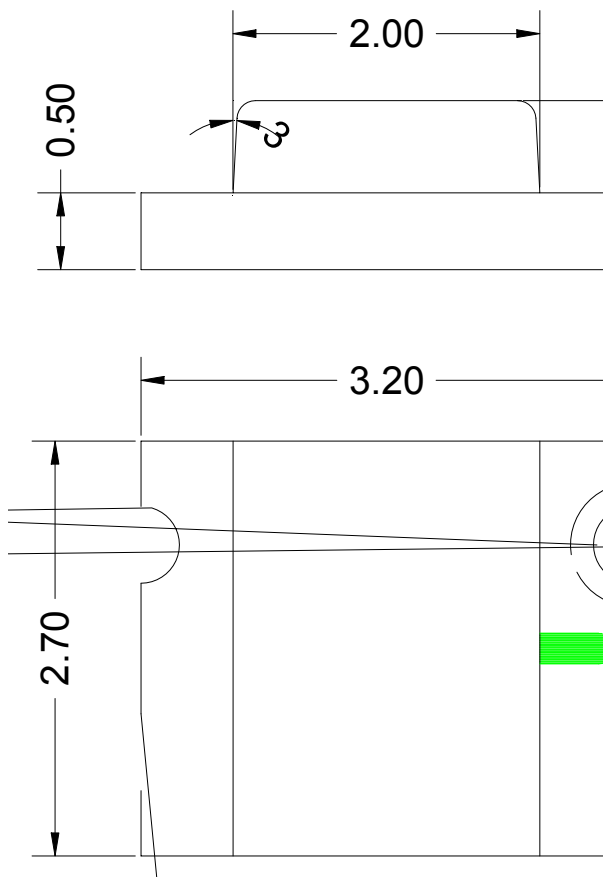
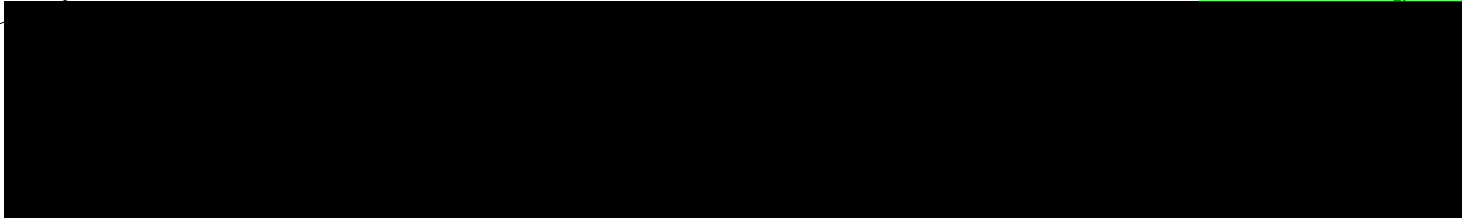




Wen Li	Fang Yang	Jiang Yang	Fang Wang





3

Characteristic

Forward current		If	30			mA
Reverse voltage		Vr	5			V
Power dissipation		Pd	110			mW
Operating temperature range		Top	-25 +80			°C
Storage temperature range		Tg	-30 +80			°C
Peak pulsed current 1/8 d f=1KHz		Ifp	125			mA
Wavelength at peak emission	If=20mA	peak	620	625	630	nm
			515	520	525	
			460	465	470	
Spectral half bandwidth	If=20mA			10		
Forward voltage	If=20mA	Vf	1.8	2.0	2.4	V
			3.0	3.3	3.6	
			3.0	3.3	3.6	
Luminous intensity	If=20mA	I	200	300	400	mcd
			450	600	700	
			150	250	350	
			200	300	400	
			450	600	700	
			150	300	350	
Viewing angle at 50% IV	If=10mA		--	120	--	Deg
Reverse current	Vr=5V	Ir	--	--	5	A
Useful life	-	IF=20mA	100000			H



Typical Electrical/Optical Characteristics Curve
($T_a=25^\circ\text{C}$ Unless Otherwise Noted)

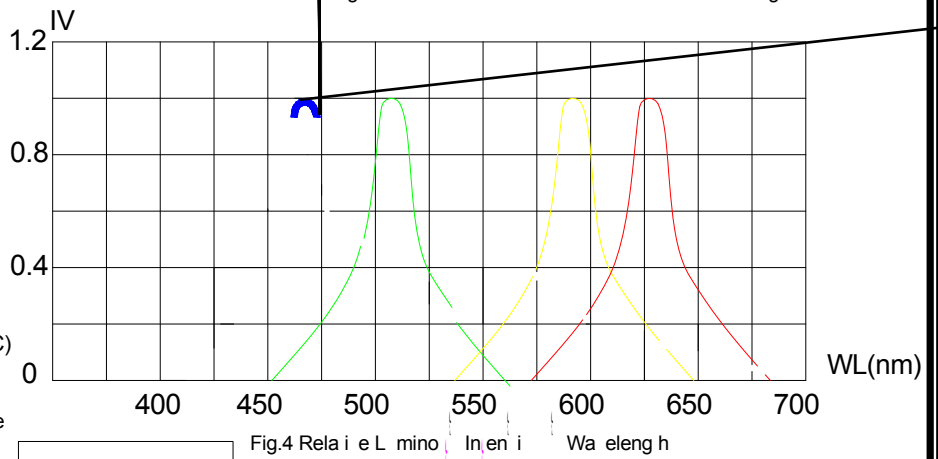
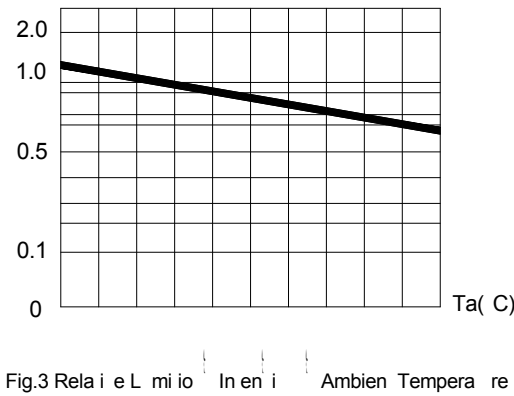
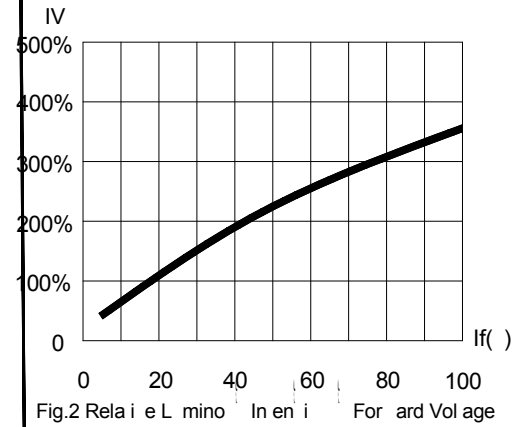
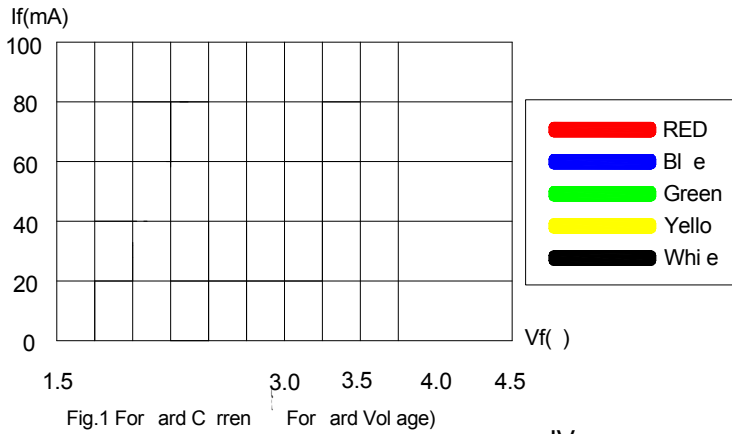


Fig.4 Relative Luminous Intensity - Wavelength
Directional Characteristics

