

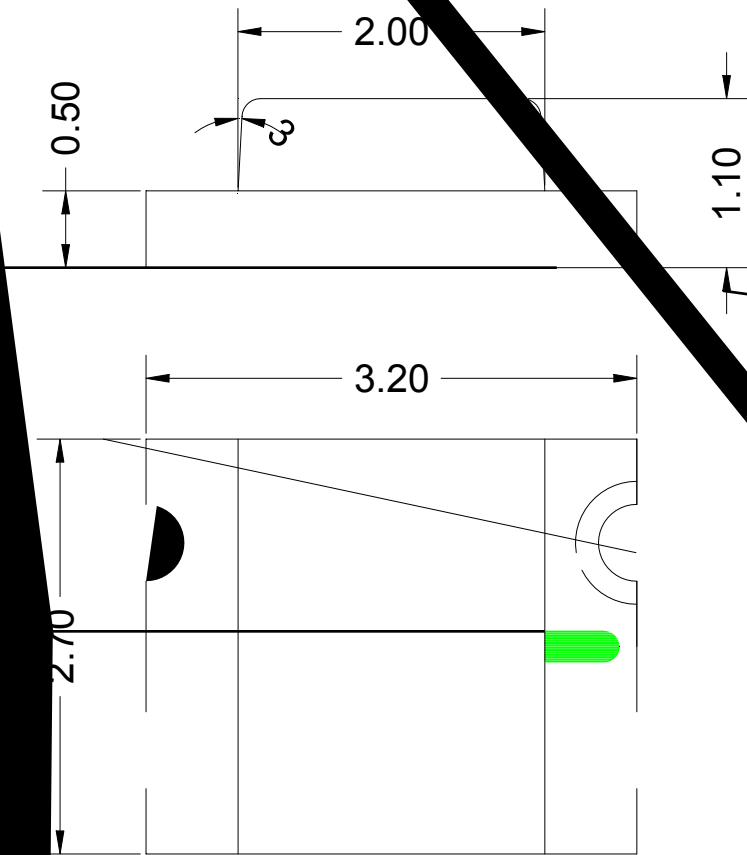


Wen Li	Fang Yang	Jiang Yang	Fang Wang



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Tolerance: 0.25(0.01)



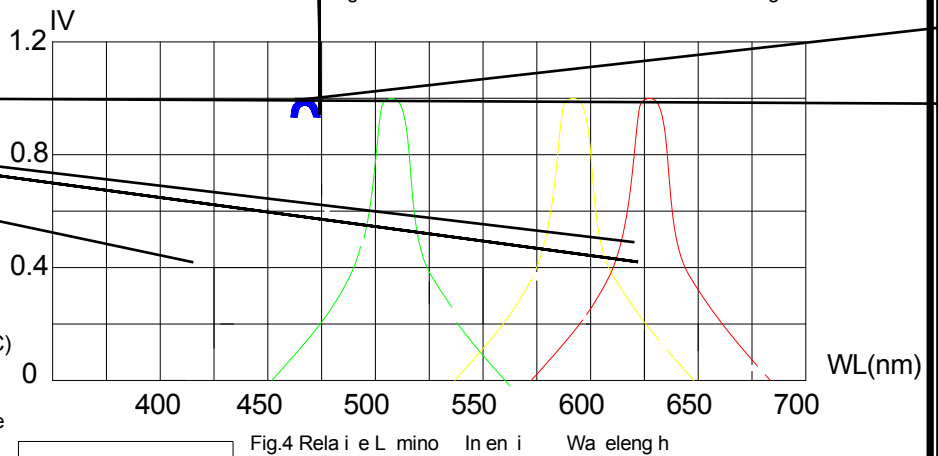
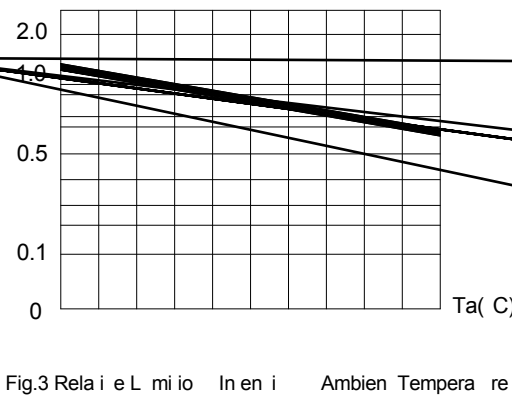
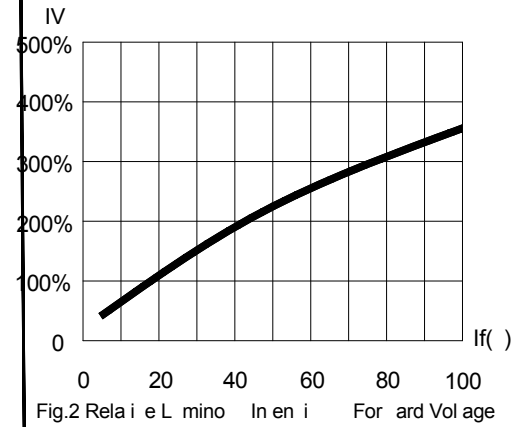
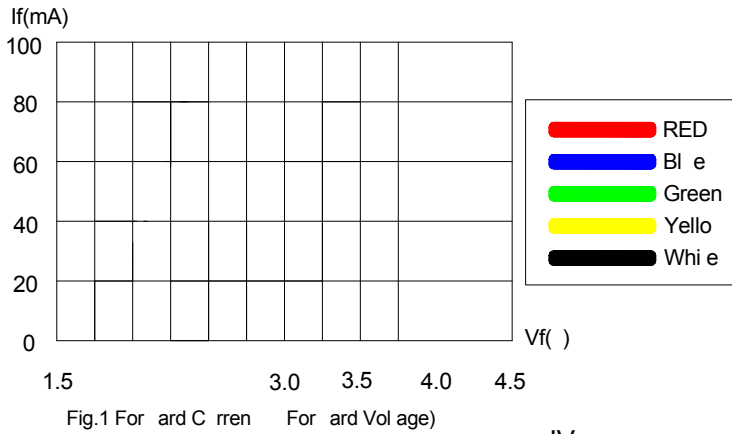


3 Characteristic

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	T g	-30 +80	C			
Peak pulsed current 1/8 d f=1KH	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)



Directional Characteristics

