



Wen Li	Fang Yang	Jiang Yang	Fang Wang



Tolerance: 0

0.50

1.10

2.70



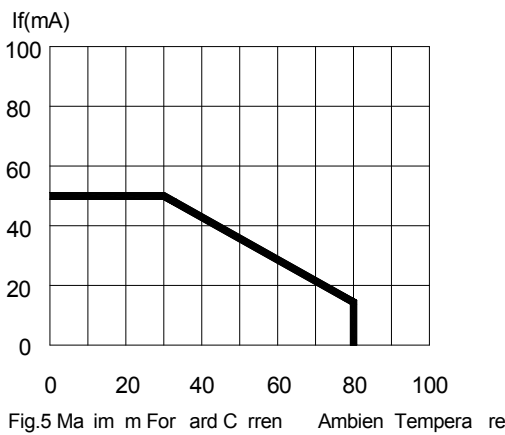
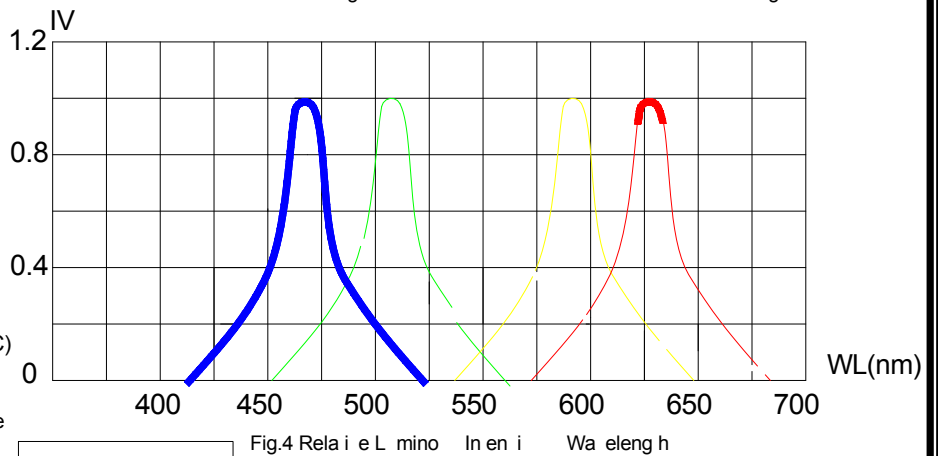
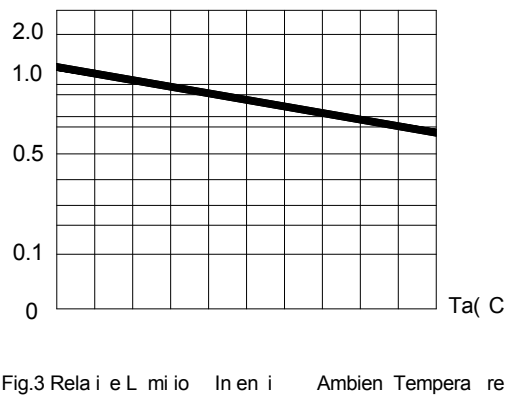
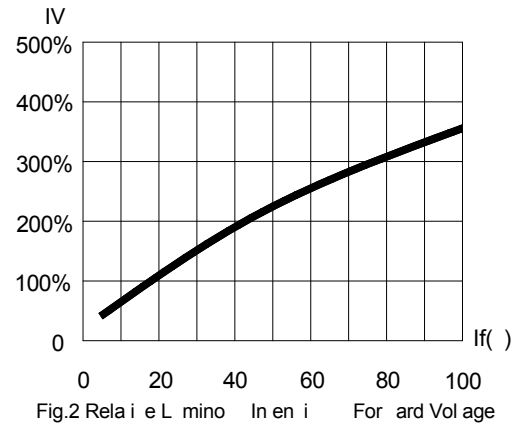
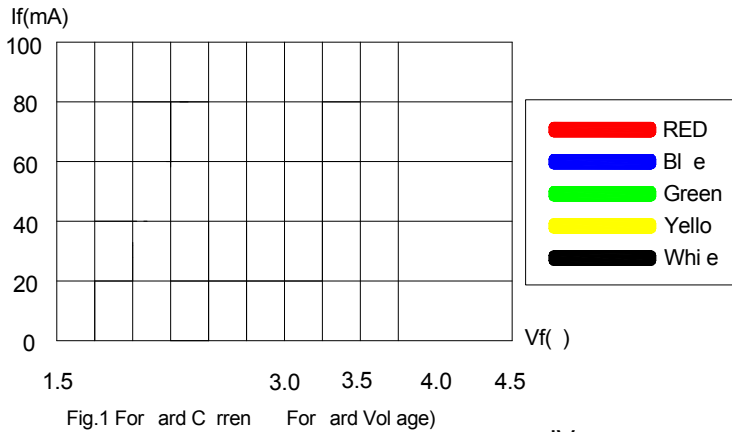


3 Characteristic

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 Characteristic Curve
($T_a = 25^\circ\text{C}$ Unless Otherwise Noted)



Directional Characteristic

