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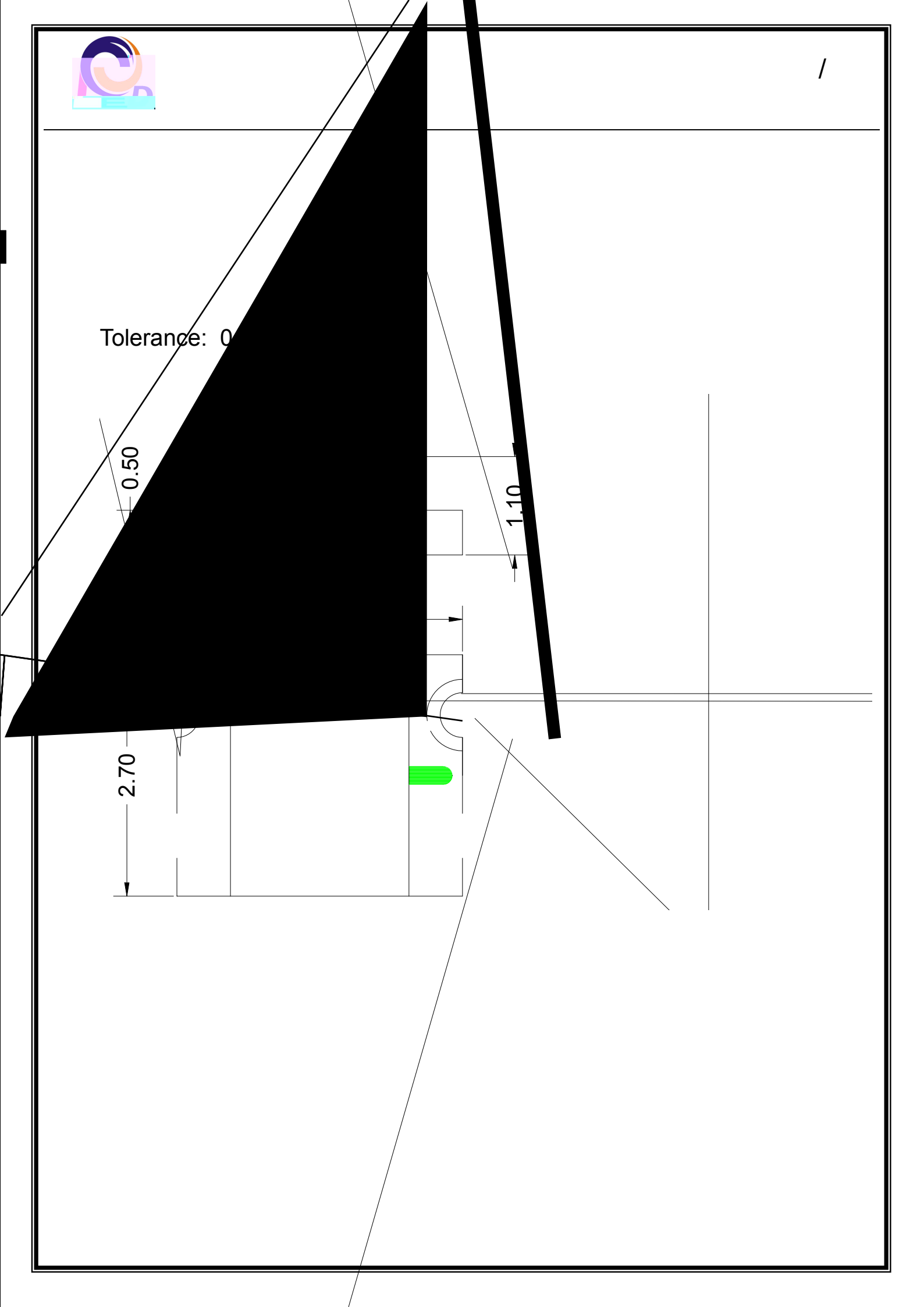


Tolerance: 0

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	Tg	-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)

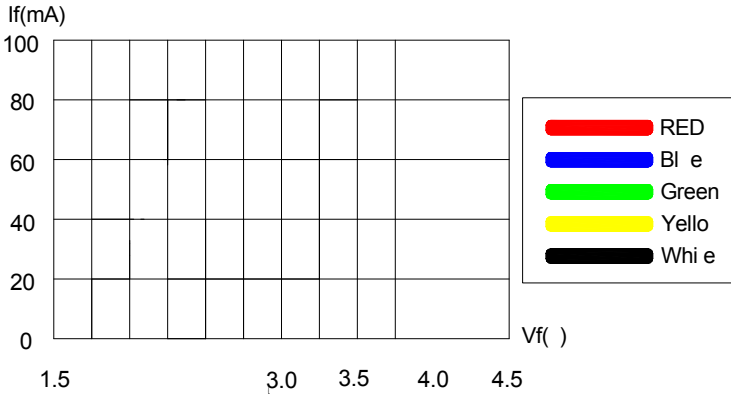


Fig.1 Forward Current vs Forward Voltage

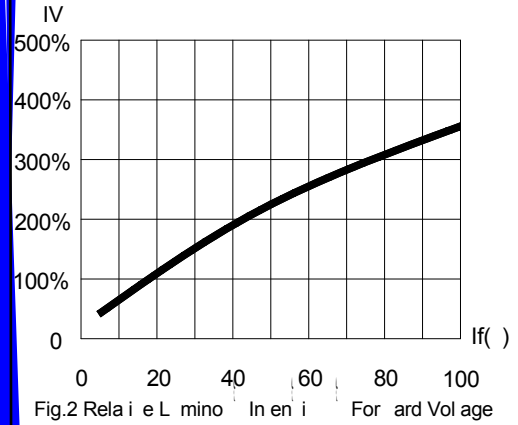


Fig.2 Relative Luminous Intensity vs Forward Voltage

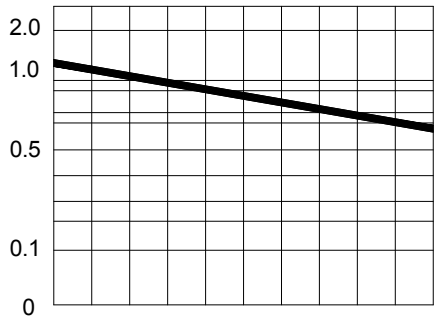


Fig.3 Relative Luminous Intensity vs Ambient Temperature

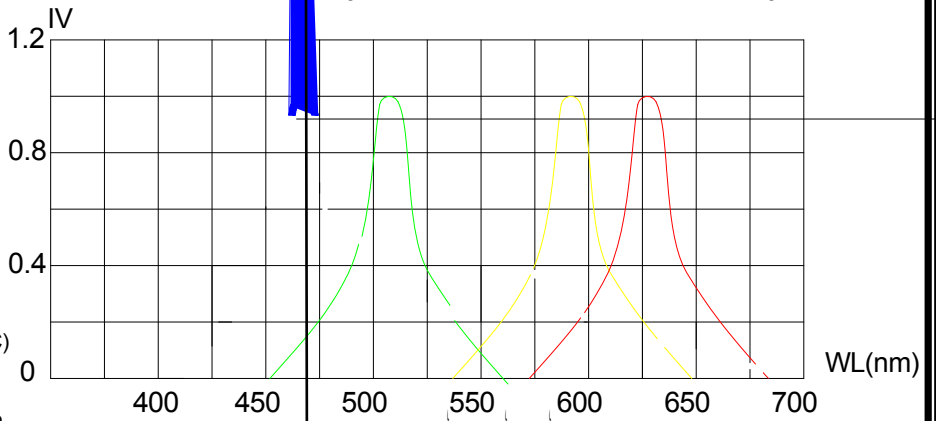


Fig.4 Relative Luminous Intensity vs Wavelength

Directional Characteristics

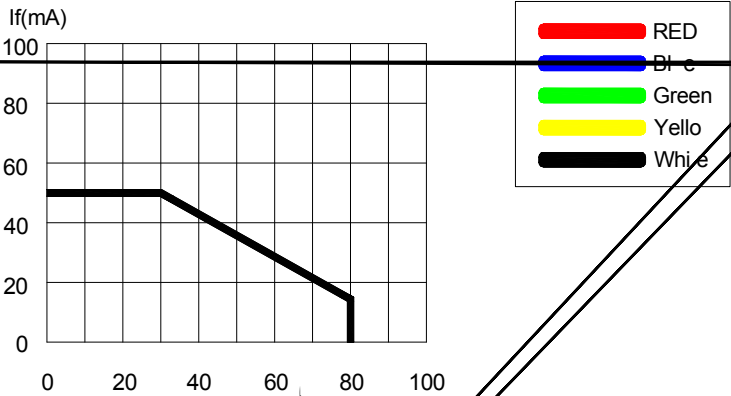


Fig.5 Maximum Forward Current vs Ambient Temperature

