



Tolerance: 0.25(5



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	630	635	nm
Spectral half bandwidth	If=20mA			10		
Forward voltage	If=20mA	Vf	1.8		2.4	V
Luminous intensity	If=20mA	I	35	45	50	mcd
Viewing angle at 50% IV	If=10mA		--	120	--	Deg



Reverse current	$V_r=5V$	I_r	--	--	5	A
Useful life	-	$I_F=20mA$	100000			H

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



