



Tol



3 Characteristics

Forward current	I_f	30	mA
Reverse voltage	V_r	5	V
Power dissipation	P_d	110	mW
Operating temperature range	T_{op}	-25 +80	C
Storage temperature range	T_g	-30 +80	C
Peak pulsed current I_{fp} $f=1\text{KH}$	I_{fp}	125	mA

Wavelength at peak emission	$I_f=20\text{mA}$	peak	620	630	635	nm
Spectral half bandwidth	$I_f=20\text{mA}$			10		
Forward voltage	$I_f=20\text{mA}$	V_f	1.8		2.4	V
Luminous intensity	$I_f=20\text{mA}$	I	35	45	50	mcd
Viewing angle at 50% IV	$I_f=10\text{mA}$		--	120	--	Deg



Re er e c rren	Vr=5V	Ir	--	--	5	A
U ef l life	-	IF=20mA	100000			H

Typical Electrical/Optical Characteristic Curve
(Ta=25 Unless Otherwise Noted)



