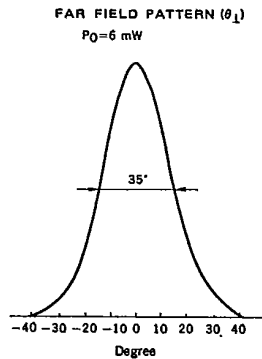
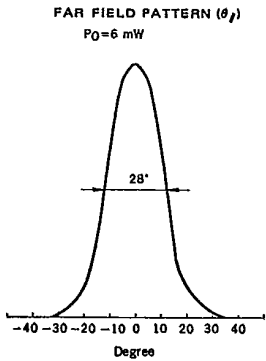
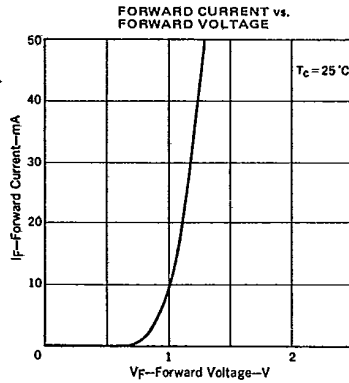
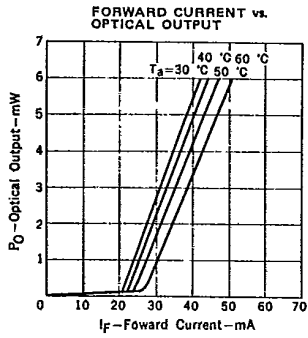




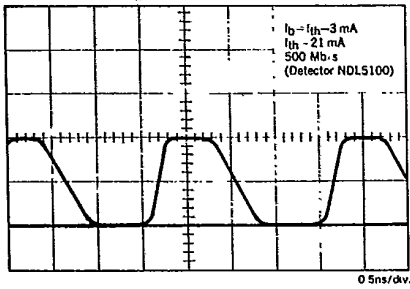
ELECTRO-OPTICAL CHARACTERISTICS ( $T_a = 60^\circ\text{C}$ )

CHARACTERISTIC	SYMBOL	MIN.	TYP.	MAX.	UNIT	TEST CONDITION
Forward Voltage	$V_F$			1.3	V	$I_F = 30\text{ mA}$
Threshold Current	$I_{th}$		40	60	mA	
Optical Output Power	$P_O$	5.0			mW	$I_F = I_{th} + 30\text{ mA}$
Peak Emission Wavelength	$\lambda_p$	1275	1315	1350	nm	$P_O = 5.0\text{ mW}$
Monitor Output Power	$P_m$	300			$\mu\text{W}$	$P_O = 5.0\text{ mW}$
Half Power Spectral Width	$\Delta\lambda$			4.0	nm	$P_O = 5.0\text{ mW}$
Rise Time	$t_r$		0.5	1.0	ns	10-90%
Fall Time			0.7	1.0	ns	90-10%

TYPICAL CHARACTERISTICS ( $T_a = 25^\circ\text{C}$ )



PULSE RESPONSE



T-41-07

LONGITUDINAL MODE EMISSION SPECTRUM

