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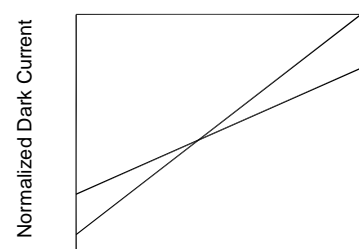
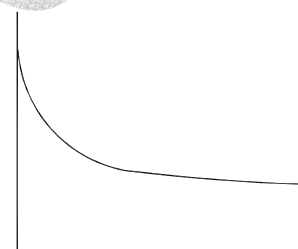
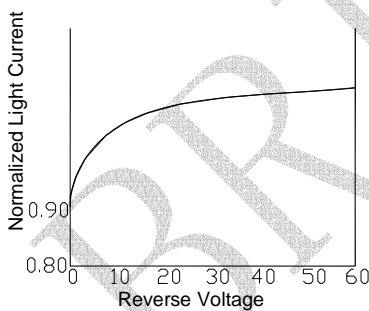
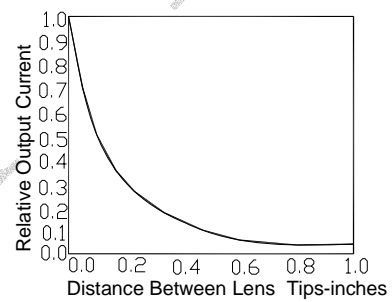


● **Electrical Characteristics** (TA=25 unless otherwise noted)

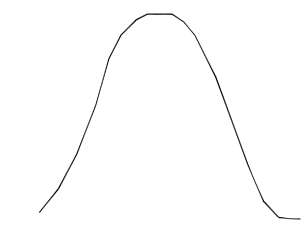
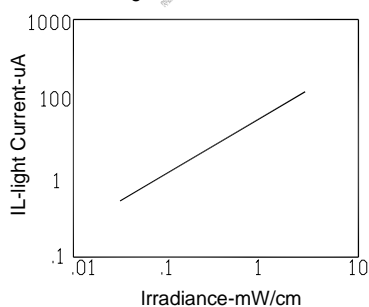
PARAMETER	SYMBOL	MIN	TYP	MAX	UNITS	TEST CONDITIONS
Reverse Light Current	$I_L$	-	80		$\mu A$	$V_R=5V, E_e=1mW/cm^2$
Reverse Dark Current	$I_D$	-	-	100	nA	$V_R=10V, E_e=0 mW/cm^2$
Reverse Break down Voltage	$V_{(BR)}$	35	-	-	-	$I_R=100\mu A$
Forward Voltage	$V_F$	0.5	-	1.3	V	$I_F=1mA$
Total Capacitance	$C_T$	-	9	-	PF	$V_R=5V, E_e=0, f=1.0MHZ$
Rise Time/ Fall Time	tr/ tf	-	50	-	ns	$V_R=20V, \lambda=940nm, RL=50$
Receiving Wavelength	$\rho$	820	-	1100	nm	

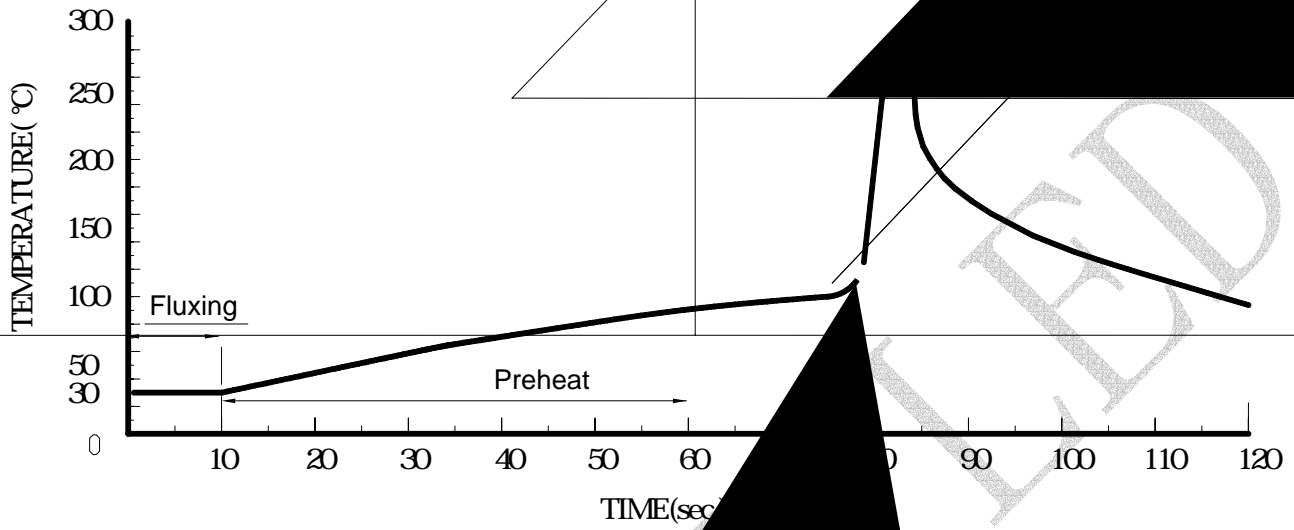
● **Typical Optical-Electrical Characteristic Curves**

Coupling Characteristics



Light Current vs. Irradiance





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