

■ Electro-Optical Characteristics (Ta = 25°C)

Parameter	Symbol	Conditions	min	typ	max	Unit
Dark current	I_D	$V_R = 10V$		0.1	10	nA
Photo current	PNZ0300 PNZ300F I_L	$V_R = 10V, L = 1000 \text{ lx}^{*1}$	30	55		μA
			5	7		μA
Peak sensitivity wavelength	λ_p	$V_R = 10V$		800		nm
Response time	t_r, t_f^{*2}	$V_R = 20V, R_L = 50\Omega$		1		ns
Capacitance between pins	C_t	$V_R = 10V, f = 1\text{MHz}$		7		pF
Acceptance half angle	PNZ0300 PNZ300F θ	Measured from the optical axis to the half power point		10		deg.
				40		deg.

*1 Measurements were made using a tungsten lamp (color temperature T = 2856K) as a light source.

*2 Switching time measurement circuit



