

OPTO-ELECTRICAL PARAMETERS

T_a = 23°C UNLESS OTHERWISE NOTED

PARAMETER	TEST CONDITIONS	MIN	TYP	MAX	UNITS
Short Circuit Current	H=100 fc, 2850 K	170	-	-	μA
Dark Current	V _R = 5V	-	150	300	nA
Shunt Resistance	V _R = 10 mV	200	1000	-	MΩ
Junction Capacitance	V _R = 10V, f = 1 MHz	-	100	-	pF
Spectral Application Range	Spot Scan	350	-	1100	nm
Responsivity	λ = 450nm V, V _R = 0V	0.15	0.17	-	A/W
Breakdown Voltage	I = 10 μA	75	100	-	V
Noise Equivalent Power	V _R = 0V @ λ = Peak	-	3.0x10 ⁻¹³	-	W/√Hz
Response Time**	RL = 50Ω, V _R = 0V	-	190	-	nS
	RL = 50Ω, V _R = 10V	-	13	-	

**Response time of 10% to 90% is specified at 660nm wavelength light.

TYPICAL PERFORMANCE

SPECTRAL RESPONSE

