



FEATURES

- Peak response at 470nm
- Spectral bandwidth 100nm
- Low dark current
- No optical filters used



ELECTRO-OPTICAL CHARACTERISTICS AT 25°C

PARAMETERS	TEST CONDITIONS	MIN	TYP	MAX	UNITS
Active Area			0.62		mm ²
Responsivity, \mathcal{R}	@ 380nm		0.02		A/W
	@ 470nm	0.25	0.30		
	@ 540nm		0.02		
Dark Current, I_{dr}	$V_R = 1V$		30	100	pA
Reverse Breakdown Voltage, V_R	$I_R = 10\mu A$	5			Volts
Capacitance, C	$V_R = 0V$		120		pF
Rise Time	$V_R = 1V$		200		nsec

THERMAL PARAMETERS

Storage and Operating Temperature Range	-30°C TO 85°C
Lead Soldering Temperature ¹	260°

¹1/16" from case for 10 seconds.

