



**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 <sup>2</sup>
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 <sup>1</sup>	260°

<sup>1</sup>1/16" from case for 10 seconds.



750 Mitchell Road, Newbury Park, California 91320  
 Phone: (805) 499-0335, Fax: (805) 499-8108  
 Email: sales@optodiode.com, Website: www.optodiode.com

