



Description

The NORPS-12 is a CdS photoconductive cell with a spectral response similar to that of the human eye, encapsulated in a moisture-resistant coating and enclosed in a plastic casing.

Absolute Ratings Maximum

Operating Temperature	-60 to +75°C
Storage Temperature	-60 to +75°C
Voltage (peak AC or DC)	250 Volts
Power Dissipation at 30°C (2)	250mW

Electrical Characteristics ($T_A=25^\circ\text{C}$ unless otherwise noted)

Symbol	Parameter	Min.	Typ.	Max.	Units	Test Conditions
R_L	Light Resistance	5.4		12.6	$k\Omega$	1 ftc. (1)
R_D	Dark Resistance	1.0			$M\Omega$	15 sec. after removal of test light.
λ_P	Spectral Peak		550		nm	

Specifications subject to change without notice

104510 REV 0

- Notes: (1) Cells light adapted at 30 to 50 Ftc for 16 hrs minimum prior to electrical tests.
 (2) Derate linearly to zero at 75°C.

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