



**DESCRIPTION**

The NSL-5922 is a CdS photoconductive cell in a TO-8 ceramic package.

**FEATURES**

- Passive resistance output
- Plastic coated

**RELIABILITY**

Contact Luna for recommendations on specific test conditions and procedures.

**APPLICATIONS**

- Industrial

**ABSOLUTE MAXIMUM RATINGS**

SYMBOL	MIN		MAX	UNITS	(TA)= 23°C UNLESS OTHERWISE NOTED
Voltage (peak AC or DC)	-	-	170	V	-
Power Dissipation @ 25°C <sup>1</sup>	-	-	250	mW	-
Operation Temperature	-60	to	+75	°C	-
Storage Temperature	-60	to	+75	°C	-
Soldering Temperature <sup>2</sup>	-	-	+260	°C	-

**NOTE:**

1. Derate linearly to 0 at 75°C
2. >0.08" from case for <5 sec.

**OPTO-ELECTRICAL PARAMETERS**

T<sub>a</sub> = 23°C unless noted otherwise

PARAMETER	TEST CONDITIONS	MIN	TYP	MAX	UNITS
Light Resistance	2 ftc. 2854°K <sup>3</sup>	2.0	3.0	4.0	KΩ
	100 ftc. 2854°K	-	300	-	Ω
Dark Resistance	5 sec after removal of test light.	200	-	-	KΩ
Spectral Peak	-	-	550	-	nm

**NOTE:**

3. Cells light adapted at 30 to 50 ftc. for 16 hrs. minimum prior to electrical tests.
4. Print "NSL-5922" and date code "YYWW".