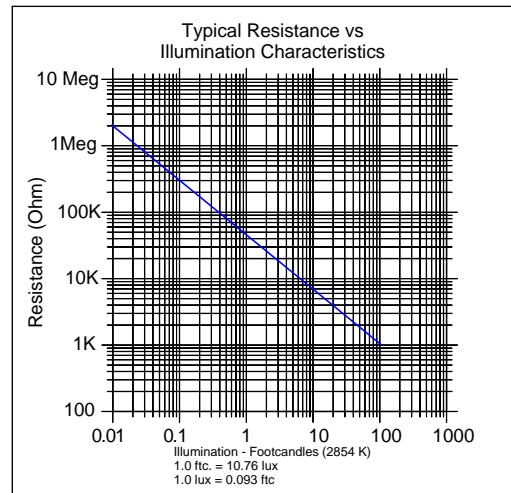
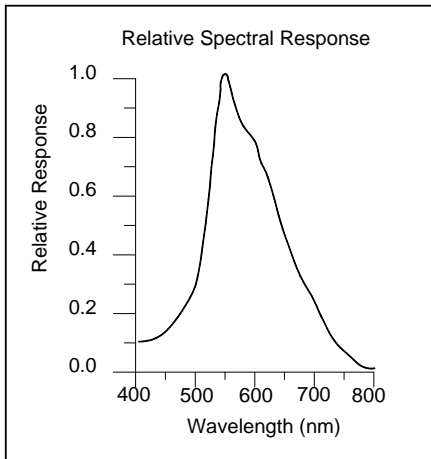
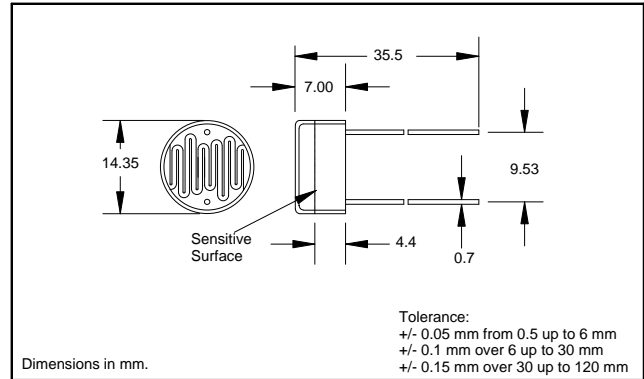
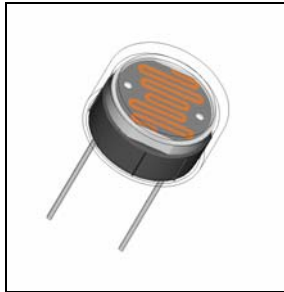




# NORPS-12

## Plastic Packaged CdS Photocell

### 104510 Rev 04



### 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 (1)	250mW

### Electrical Characteristics (T<sub>A</sub>=25°C, source at 2854°K)

Symbol	Parameter	Min.	Typ.	Max.	Units	Test Conditions
R <sub>L</sub>	Light Resistance	5.4		12.6	kΩ	1 ftc. (2)
R <sub>D</sub>	Dark Resistance	1.0			MΩ	15 sec. after removal of test light.
λ <sub>P</sub>	Spectral Peak		550		nm	

Specifications subject to change without notice

Notes: (1) Derate linearly to zero at 75°C.

(2) Cells light adapted at 30 to 50 Ftc for 16 hrs minimum prior to electrical tests.

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