

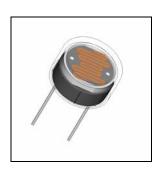
# NORPS-12

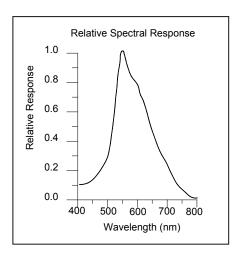
9.53

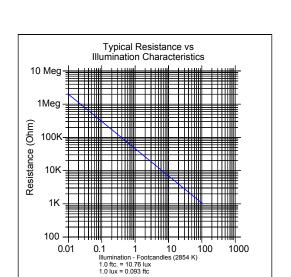
Tolerance: +/- 0.05 mm from 0.5 up to 6 mm +/- 0.1 mm over 6 up to 30 mm +/- 0.15 mm over 30 up to 120 mm

## Plastic Packaged CdS Photocell 104510 Rev 04

35.5







# **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 Storage Temperature Voltage (peak AC or DC) Power Dissipation at 30°C (1)

Dimensions in mm.

-60 to +75°C -60 to +75°C 250 Volts 250mW

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

<b>Symbol</b>	Parameter	Min.	Тур.	Max.	Units	Test Conditions
$R_L$	Light Resistance	5.4		12.6	kΩ	1 ftc. (2)
$R_D$	Dark Resistance	1.0			MΩ	15 sec. after removal of test light.
$\lambda_{P}$	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.