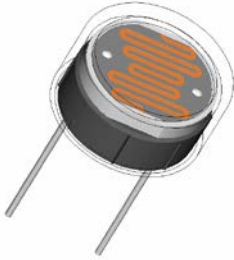


## NORPS-12



### FEATURES

- Compact Design
- 550 nm Peak Response
- Passive Resistance Output

### 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.

### APPLICATIONS

- Industrial

#### > Absolute Maximum Ratings

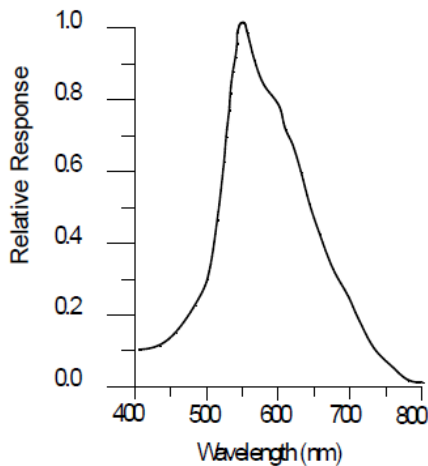
Part No.	Power Dissipation@ 30° C [mW] <sup>1</sup>	Voltage (peak AC or DC) [V]	Operating Temperature [C]	Storage Temperature [C]	Package
NORPS-12	250	250	-60 to +75	-60 to +75	Plastic casing

NOTES: 1. Derate linearly to 0 to 75°C

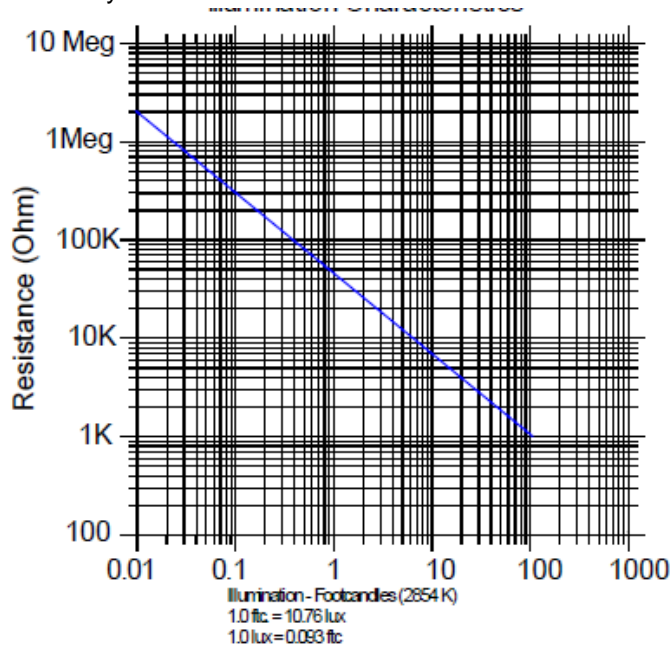
#### > Electrical and Optical Characteristics

Typical Characteristics (T=23°C unless specified)						
Parameter	Test Conditions	Symbol	Min	Typical	Max	Unit
Light Resistance	1 ftc.	R <sub>L</sub>	5.4	-	12.6	KΩ
Dark Resistance	15 sec after removal of test light	I <sub>d</sub>	1.0	-	-	MΩ
Spectral Peak	-	λ <sub>P</sub>	-	550	-	nm

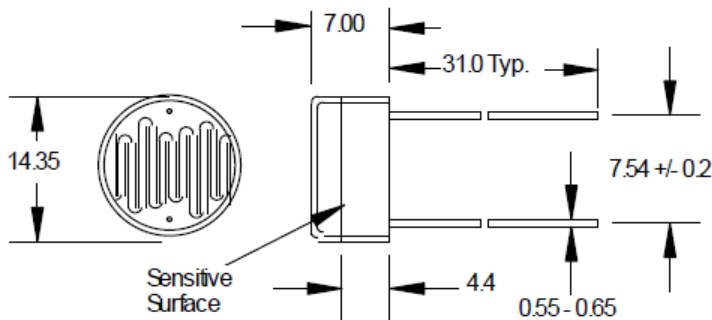
#### > Spectral Response



> Linearity



> Package Dimensions



Tolerance:  
 +/- 0.127 mm from 0 up to 6.35 mm  
 +/- 0.254 mm from 6.35 to 25.4 mm  
 +/- 0.381 mm from 25.4 to 127.0 mm

Dimensions in mm

>Soldering Conditions: 260°C 1/16 inch away from case for 3 seconds max.

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## MATERIALS SAFETY

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