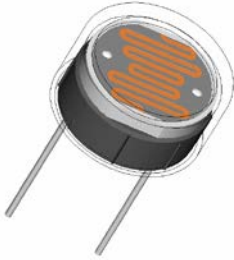


NORPS-12



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] ¹	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

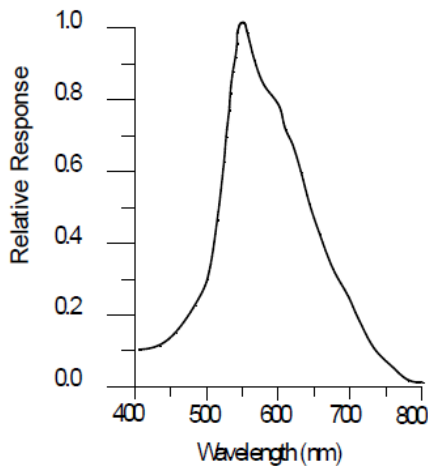
NOTES: 1. Derate linearly to 0 to 75°C

> Electrical and Optical Characteristics

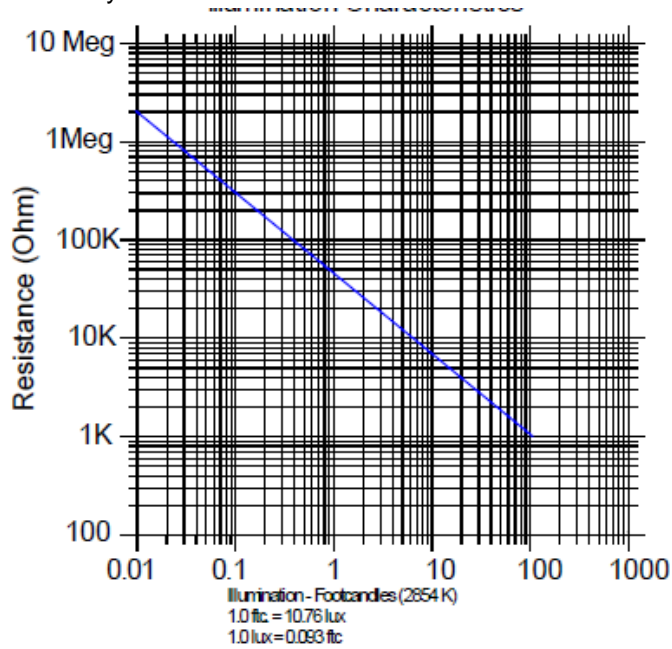
Typical Characteristics (T=23°C unless specified)

Parameter	Test Conditions	Symbol	Min	Typical	Max	Unit
Light Resistance	1 ftc.	R _L	5.4	-	12.6	KΩ
Dark Resistance	15 sec after removal of test light	I _d	1.0	-	-	MΩ
Spectral Peak	-	λ _P	-	550	-	nm

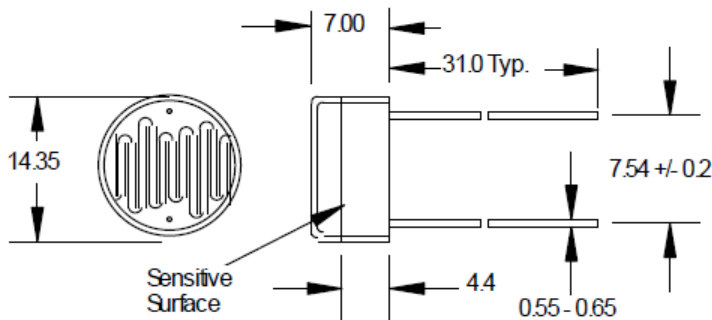
> Spectral Response



> 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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