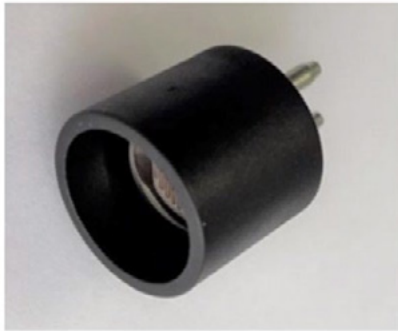




Advanced Photonix

A Division of OSI Optoelectronics

NSL-11932



FEATURES

- Passive Resistance Output
- Hermetic Sealed

DESCRIPTION

The NSL-11932 photocell is a light dependent resistor with sensitivity from visible light to near infrared radiation. TO-8 hermetic photocell assembled in a black housing.

APPLICATIONS

- Industrial

> Absolute Maximum Ratings

Part No.	Power Dissipation [mW]	Peak Voltage [V]	Operating Temperature [C]	Storage Temperature [C]	Package
NSL-11932	400	60	-60 to +75	-60 to +75	TO-8

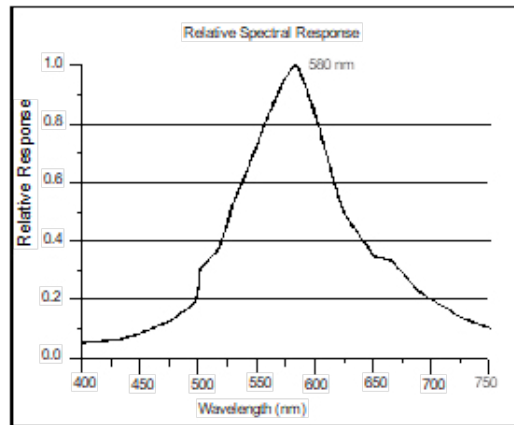
> Electrical and Optical Characteristics

Typical Characteristics (T=23°C unless specified)						
Parameter	Test Conditions	Symbol	Min	Typical	Max	Unit
Light Resistance	2ftc, 2850K (1)	R _L	400	-	1600	Ω
Dark Resistance	20sec after light removal	R _D	100	-	-	KΩ
Spectral Peak		λ _P	-	580	-	nm

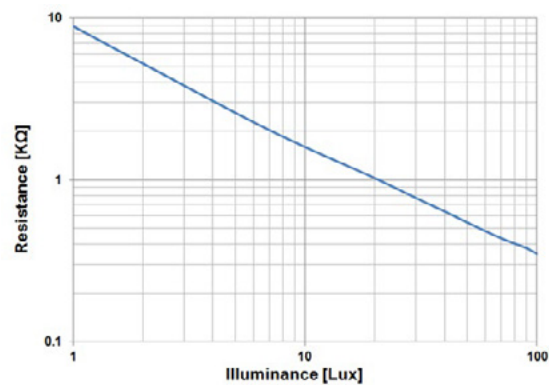
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> Relative Spectral Response



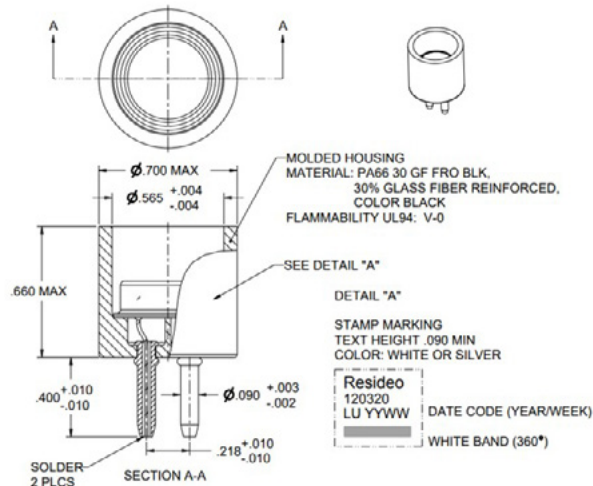
> Cell Resistance vs. Illuminance



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> Package Dimensions



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

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MATERIALS SAFETY

This product is free of conflict minerals and meets REACH compliance. Please see website for reports.

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