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HOME / PRODUCT CATEGORIES / LIGHT / IMAGING / MINI PHOTOCELL

Mini Photocell

SEN-09088 ROHS

★★★★☆ 4

Description: This is a very small light sensor. A photocell changes (also called a **photodetector**, photo resistor, CdS or photoconductive cell) resistance depending on the amount of light it is exposed to. These little sensors make great ambient light triggers (when light in the room turns on, do something).



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Features:

- Light resistance : ~1k Ohm
- Dark resistance : ~10k Ohm
- Max voltage : 150V
- Max power: 100mW

Dimensions:

- 2 x 4 x 5mm
- 4mm between pins
- 31mm lead length

Documents:

- [Datasheet](#)
- [Bildr Tutorial](#)

Skills



Recommended Products

SPARKFUN RECOMMENDED
SparkFun Inventor's Kit - V3.2
KIT-12060

SPARKFUN RECOMMENDED
SparkFun Inventor's Kit (for Arduino Uno) - V3.2
KIT-13154

SPARKFUN RECOMMENDED
SparkFun Sensor Kit
DEV-12797

SPARKFUN RECOMMENDED
SparkFun Inventor's Kit Parts Refill Pack
LAB-13110

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COMMENTS 42 REVIEWS ★★★★★ 4

Customer Reviews

★★★★☆ 4.8 out of 5

Based on 4 ratings:

5 star	<div></div>	3
4 star	<div></div>	1
3 star	<div></div>	0
2 star	<div></div>	0
1 star	<div></div>	0

1 of 1 found this helpful:

★★★★☆ **Works well**

about 9 months ago by **Member #386229**

Used with a 10K fixed resistor in a voltage divider and it provides a very good dynamic range through a normal room lighting range.

★★★★★ **Works Great**

about 6 months ago by **Member #340822**

Works as expected, no problems.

★★★★★ **Excellent little photocell!**

about 8 months ago by **Member #537977**

Using it with an arduino uno for measuring ambient light level. Works great.

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