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HOME / PRODUCT CATEGORIES / LIGHT / IMAGING / MINI PHOTOCELL

Mini Photocell

SEN-09088 ROHS ✓

★★★★☆ 4



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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).



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](#)
- [Bldr Tutorial](#)

Skills



Recommended Products

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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

COMMENTS 42 REVIEWS ★★★★★ 4

Customer Reviews

★★★★☆ 4.8 out of 5

Based on 4 ratings:

5 star		3
4 star		1
3 star		0
2 star		0
1 star		0

1 of 1 found this helpful:

★★★★☆ Works well

about 9 months ago by [Member #386229](#) ✓ verified purchaser

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](#) ✓ verified purchaser

Works as expected, no problems.

★★★★★ Excellent little photocell!

about 8 months ago by [Member #537977](#) ✓ verified purchaser

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



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