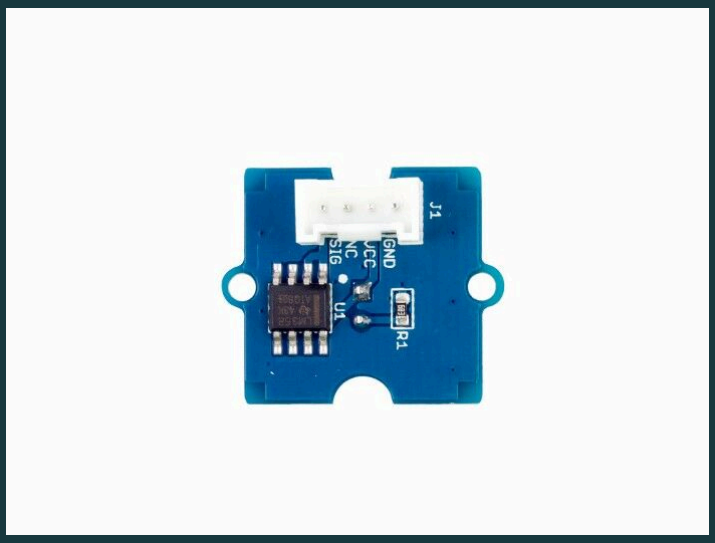
seeed studio

INDUSTRIAL PRODUCT DATASHEET

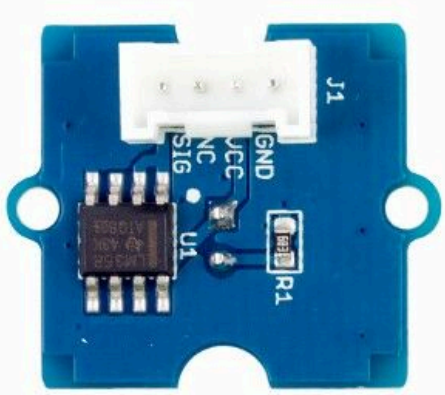
Grove - Light Sensor (P) v1.1 - LS06-S Phototransistor Compatible with Arduino

Grove - Light Sensor (P) v1.1 - LS06-S Phototransistor Compatible with Arduino offers human-eye-like spectral response, fast reliable light detection, stabilized analog output, high sensitivity, and plug-and-play Grove connectivity.

SKU	UPDATED	PRICE
101020173	2026-11-03 03:48:58	$3.20(Excl. VAT)



Overview



The Grove - Light Sensor (P) v1.1 - LS06-S Phototransistor Compatible with Arduino features a built-in optical filter for spectral response similar to the human eye, high reliability and fast response based on the LS06-S photoresistor, stabilized linear analog output, high sensitivity with low dark current and low working lux, and a Grove unified socket for plug-and-play. Users can help improve documents, provide demo code or tutorials, and post technical support questions to the forum.

Key Features

01 **Good spectrum characteristic**

Built-in optical filter for spectral response similar to that of the human eye.

02 **High reliability and fast response**

Based on the LS06-S photoresistor, a high-sensitive and reliable photodiode that can quickly detect the intensity of light in the environment.

03 **Stabilized output**

linear analog output conforming to illuminance

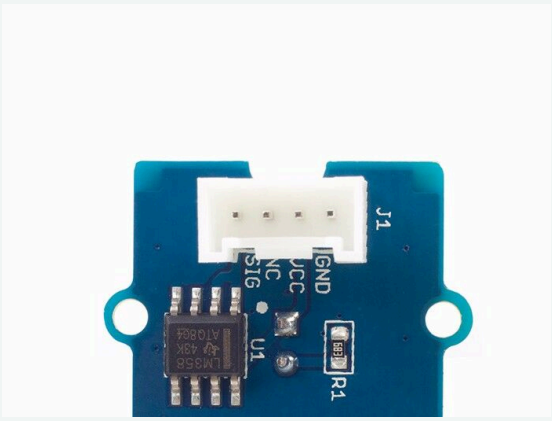
04 **High Sensitivity**

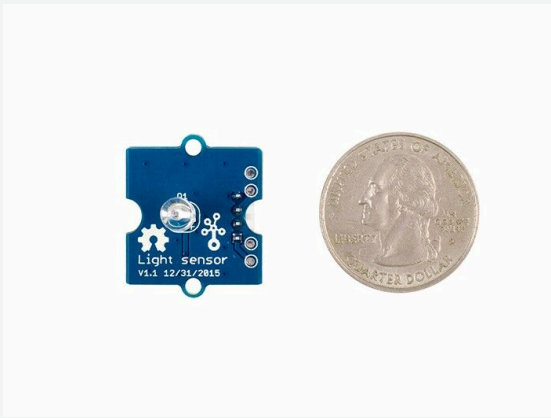
Low dark current and low working lux

05 **Grove unified socket**

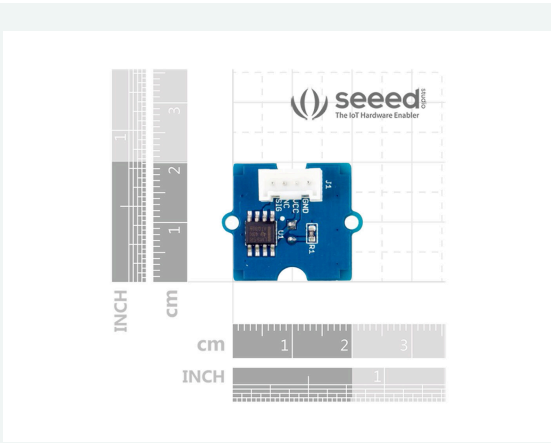
The sensor ensures "Plug and Play" and could be versatile for various applications.

Product Gallery









Applications

- **It will be appreciated if you can help us improve the documents, and provide more demo code or tutorials. For technical support, please post your questions to our forum.**

Resource Links

- https://www.seeedstudio.com/Grove-Light-Sensor-P-v1-1.html
- CDC File
- Eagle File for Grove - Light Sensor V1.0
- Eagle File for Grove - Light Sensor(P) V1.0
- Eagle File for Grove - Light Sensor(P) V1.1
- LS06-MΦ5 Reference Information
- LM358.PDF

Seeed Technology Co.,Ltd.
9F, Building G3, International E City,
Zhongshanyuan Road, Nanshan, Shenzhen, China

Tel: +86 0755-80695676
Web: www.seeed.cc
Shop: www.seeedstudio.com