

## LDR Light Sensor

**ARD2-2218**

- **Light sensitive module with fast response**
- **Maintains high degree of stability and reliability even at high temperature and humidity**
- **Applications include solar garden lights, home automation etc.**

### Description

This photoresistor module is light sensitive, making it perfect for applications like cameras, solar garden lights and other automatic lighting.

### Specifications

<b>Colour</b>	Black
<b>Material</b>	PCB

### Pinout

Module	Arduino	Function
S	A2	Signal via Arduino Board
Middle	5V	Power Supply
–	Ground	Ground Connection

### Test Code

```
int sensorPin = 2;
int value = 0;
void setup () {
  Serial.begin (9600);
}
void loop () {
  value = analogRead (sensorPin);
  Serial.println (value, DEC);
  delay (50);
}
```

Testing the module's output analog voltage value, we find that when there is light, the output voltage is high, the equivalent of the switch being turned on. When there is no light, the output voltage is low, the equivalent of switched off.

