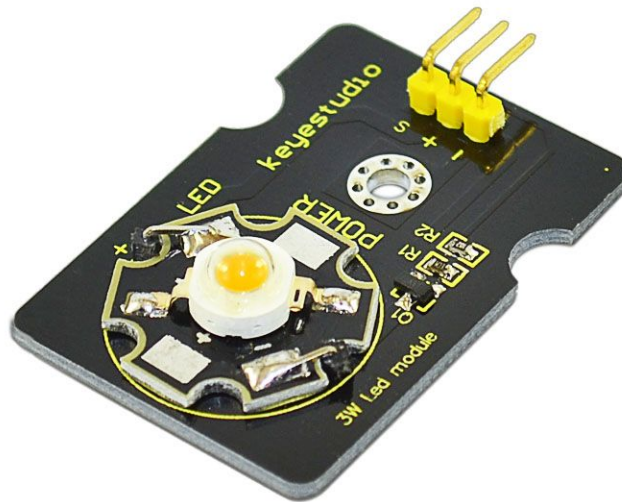


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3W LED Module



Introduction

This LED module is of high brightness because the lamp beads it carries is 3w. We can apply this module to Arduino projects. For example, intelligent robots can use this module for illumination purpose.

Please note that the LED light can't be exposed directly to human eyes for safety concerns.

Specification

Color temperature: 6000~7000K

Luminous flux: 180~210lm

Current: 700~750mA

Power: 3W

Light angle: 140 degree

Working temperature: -50~80°C

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Storage temperature: -50~100'C

High power LED module, controlled by IO port microcontroller

Great for Robot and search & rescue platform application

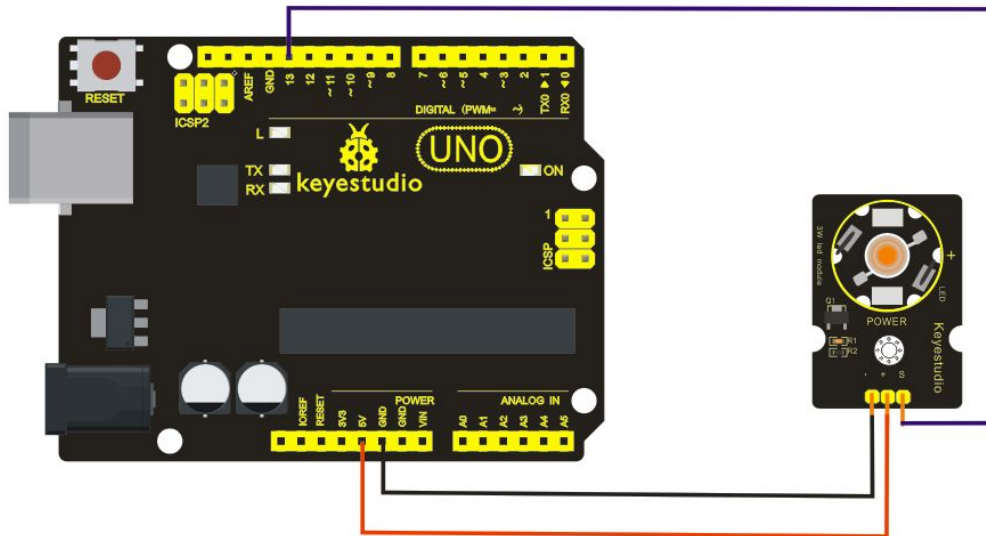
IO Type: Digital

Supply Voltage: 3.3V to 5V

Size: 40x28mm

Weight: 6g

Connection Diagram



Sample Code

// the setup function runs once when you press reset or power the board

```
void setup() {
```

```
    // initialize digital pin 13 as an output.
```

```
    pinMode(13, OUTPUT);
```

```
}
```

// the loop function runs over and over again forever

```
void loop() {
```

```
    digitalWrite(13, HIGH);    // turn the LED on (HIGH is the voltage level)
```

```
    delay(1000);              // wait for a second
```

```
    digitalWrite(13, LOW);    // turn the LED off by making the voltage LOW
```

```
    delay(1000);              // wait for a second
```

```
}
```