

ARD 2 **Arduino Compatibles** Controllers, Shields, Modules & Sensors

High Power White LED Module ARD2-2072

- High power LED with colour temperature between 6000K and 7000K



Description

This is a high power LED module to be controlled by an Arduino or other microcontroller.

Specifications

| | |
|----------------------------|-------------------|
| Colour temperature | 6000~7000K |
| Luminous flux | 180~210lm |
| Current | 700~750mA |
| Power | 3W |
| Light angle | 140 degree |
| Working temperature | -50~80°C |
| Storage temperature | -50~100°C |
| Colour | Red |
| Material | Circuit board |
| Dimensions | 35mm x 23mm x 6mm |
| Weight | 8g |

Pinout

| Module | Arduino | Function |
|--------|---------|-------------------|
| G | GND | Ground Connection |
| + | 5V | Power Supply |
| S | D13 | Digital Signal |

Test Code

```
void setup () {
  // Initialize the digital pin as an output.
  // Pin 13 has an LED connected on most boards for Arduino:
  pinMode (13, OUTPUT);
}

void loop () {
  digitalWrite (13, HIGH); // set the LED on
  delay (2000); // wait for 2 second
  digitalWrite (13, LOW); // set the LED off
  delay (2000); // wait for 2 second
}
```

