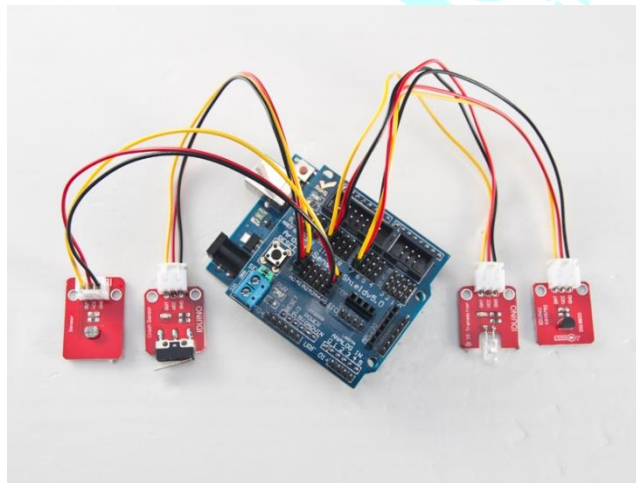


## Easy Hat LED Module(SE058)



### 1 Introduction

This module is a white LED module, the shape of the led looks like a hat. The brightness of the LED can be controlled by the input pin. This module has integrated 3-pin terminal, which can be simply and tidily connected with Arduino sensor expansion board, like the following picture:



### Specification

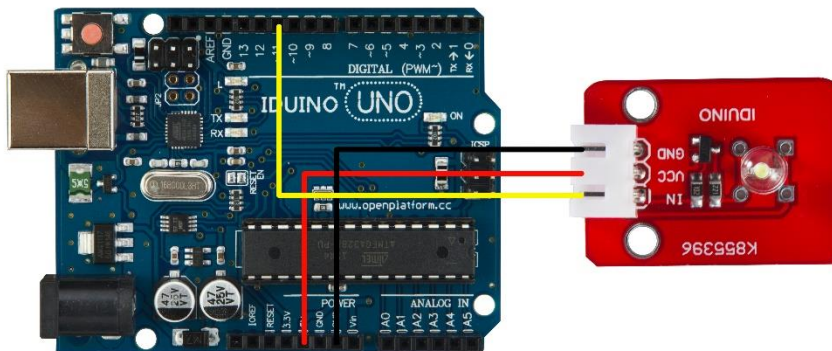
- Operation voltage: 5V
- With 3-Pin Jumpers
- Size:25\*15mm
- Weight: 4g

## 2 Pinout

Pin	Description
IN	Input signal pin, you can input stable voltage or a PWM signal
Vcc	Power
Gnd	Ground

## 3.Example

In this example, you can see the brightness of the LED is changing.



```
*****Code Begin*****  
void setup ()  
{  
  pinMode(11,OUTPUT);  
}  
  
void loop()  
{  
  for (int a=0; a<=255;a++)  
  {  
    analogWrite(11,a);  
    delay(8);  
  }  
}
```

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```
for (int a=255; a>=0;a--)  
{  
  analogWrite(11,a);  
  delay(8);  
}  
delay(800);  
}  
*****Code End*****
```

