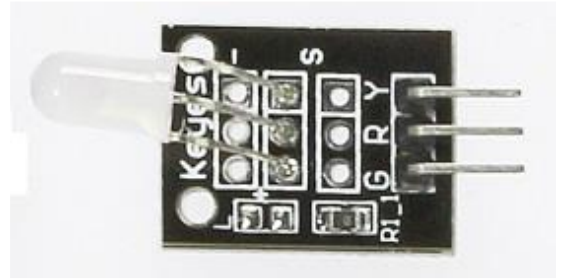


KY 011 LED 2color

- společná katoda připojena k "-".
- **Není zapojen ochranný sériový odpor!!!** Doporučená hodnota 330 ohmů.
- Svítící Barva: zelená + červená
- Typ zapouzdření: difúze
- Napětí (V): 2.0-2,5
- Proud (mA): 10
- Světelný úhel: 150
- Vlnová délka (nm): 571 + 644
- Svítivost (MCD): 20-40; 40-80



KY-011 Specifications

This module consist of a common cathode 3mm red/green LED and a 0Ω resistor, Since operating voltage is 2.0v ~2.5v you'll need to use limiting resistors to prevent burnout when connecting to the Arduino.

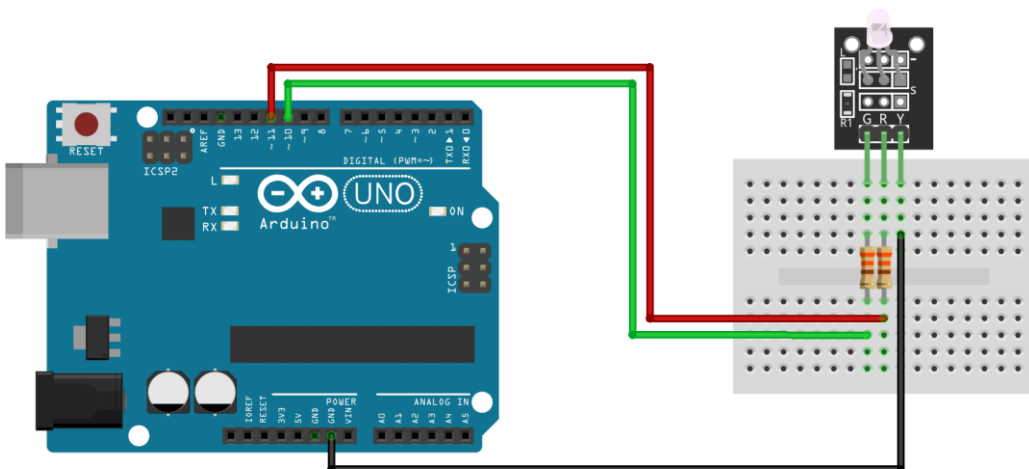
Operating Voltage	2.0v ~ 2.5v
Using Current	10mA
Diameter	3mm
Package Type	Diffusion
Color	Red + Green
Beam Angle	150
Wavelength	571nm + 644nm
Luminosity Intensity (MCD)	20-40; 40-80

KY-011 Connection Diagram

Pinout

We'll use a couple of 330Ω resistors to limit the current from the Arduino and prevent burning the LED.

KY-011	Breadboard	Arduino
G	330Ω resistor	Pin 10
R	330Ω resistor	Pin 11
Y		GND



fritzing

<http://arduinomodules.info/ky-011-two-color-led-module-3mm/>

https://tkkrnlab.nl/wiki/Arduino_KY-011_2-color_LED_module

[http://sensorkit.en.joy-it.net/index.php?title=KY-011_2-Color_\(Red%2BGreen\)_5mm_LED_module](http://sensorkit.en.joy-it.net/index.php?title=KY-011_2-Color_(Red%2BGreen)_5mm_LED_module)

<https://www.youtube.com/watch?v=9br5D0gg9WI>