

RGB LED Modules – String of 10



Product Description

This LED module is a great entry-level backlight module for channel letters, halo lighting and sign lighting. A total of four 5050 SMD chips provide ample lighting with a max power requirement of 1.5W per module. Each string can be cut anywhere on the lead wires between each module.

In addition to being able to be used for sign lighting these modules are great for cove and accent lighting and for use as under-cabinet general illumination.

A constant voltage 12VDC power source is needed to power this product.

The plastic ABS shell and clear epoxy coating provides limited water-resistance to moisture. Not submersible or UV proof.

Related Products

The LED modules can be attached to:

- 1012 – PhidgetInterfaceKit 0/16/16
- 1014 – PhidgetInterfaceKit 0/0/4
- 1017 – PhidgetInterfaceKit 0/0/8

Connection

For Detailed instructions on how to connect your LED module to Phidgets, look at the User Guide.

For more information on LEDs, visit the LED Primer.

Product Specifications

Light Properties (Red LED)

Emitting Color	Red
Dominant Wavelength	625 nm
Luminous Intensity	200 mcd
Beam Angle	120°

Light Properties (Green LED)

Emitting Color	Green
Dominant Wavelength	520 m
Luminous Intensity	1.1 cd
Beam Angle	120°

Light Properties (Blue LED)

Emitting Color	Blue
Dominant Wavelength	467 m
Luminous Intensity	300 mcd
Beam Angle	120°

Electrical Properties

Supply Voltage Min	12 V DC
Supply Voltage Max	12 V DC
Current Consumption Max	(Per module) 120 mA

Packaging

Comes in a plastic bag as one string of 10 modules that can be cut anywhere on the lead wires between each module.