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STK Series

RGB LED Strip Light Kit Specifications

Project _____ Date _____

Notes _____

Voltage 12 VDC

RGB
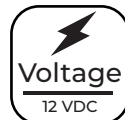
120° Beam Angle

PWM Dimming

2 yr WARRANTY

STK-NRGB-5M30-IR-01

Available Models¹

☐ STK-NRGB-5M30-IR-01
☐ STK-NRGB-5M30-WBIR-01

SAMPLE PART NUMBER BREAKDOWN	STK-NRGB-5M30-IR-01

SERIES / TYPE / COLOR			LENGTH / DENSITY / CONTROLLER / VERSION			
STK Series	**N** Type	**RGB** Color	**5M** Length	**30** Density	**IR** Controller	**01** Version
STK: Strip Kit	N: Non-weatherproof	RGB: RGB	5M: 16.4 ft (5 m)	30: 30 LEDs/m	IR: IR Remote WBIR: Wi-Fi/Bluetooth + IR Remote	01: V 1.0

Overview

This color-changing RGB LED strip light kit provides everything you need for quick and easy installation. The 16.4 ft (5 m) LED strip light comes preinstalled with a 4-pin plug adapter. Attach the strip using its long-lasting 3M™ adhesive backing to ensure easy mounting to virtually any surface. Cut the strip at 3.94-inch segment marks to customize the length for your application. After mounting, connect the IR RGB LED controller to the strip and the power adapter to the controller, then plug it into your standard 120 V household outlet.

Using the RGB wireless IR remote, adjust brightness and switch between multiple static colors and dynamic modes. The Smart Life app allows more advanced control of the numerous static colors, brightness, speed, eight dynamic modes, and more. Pair with Alexa or Google Assistant for hands-free control.

What's Inside

- (1) 5-meter RGB LED strip light
- (1) Wireless IR remote control (CR2025 battery included)
- (1) 12 VDC power adapter
- (1) IR RGB LED controller **or**
  (1) IR RGB LED controller Bluetooth/Wi-Fi compatible

Warranty

- 2-year warranty

Features

- RGB strip provides multiple colors for indoor accent lighting
- Professional-grade lighting with plug-and-play DIY installation
- Cut at segments and mount to suit your specific application
- Available CCT options: 3000K, 4000K, or 6500K
- Adjust brightness, color, and dynamic modes with the IR remote **or** choose the Wi-Fi/Bluetooth model for multiple control options: IR remote, Smart Life app, Alexa, Google Assistant

Applications

- Accent lighting
- Ambient lighting
- Cove lighting
- Interior cabinet
- Kitchen lighting
- Residential lighting
- Under-cabinet

Certifications and Compliances

- ETL Listed - UL 153

ETL LISTED c us
Intertek

T 866.811.5550
F 314.972.6202
email: commercial-sales@superbrightleds.com
www.superbrightleds.com/cat/complete-led-strip-kits/

¹Contact customer service if interested in other options.

Rev V1.1 Date: 10/30/2024
Specifications are subject to change without notice.
Printed in the U.S.A.

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Dimensional Drawings

RGB Strip Light

16.4ft [5m]

7.00in [177.80mm]

.39in [10mm]

3.93in [99.70mm]

FLEXABLE STRIP CAN BE CUT AT THE SEAMS

.08in [2.02mm]

∅ .15in [3.91mm]
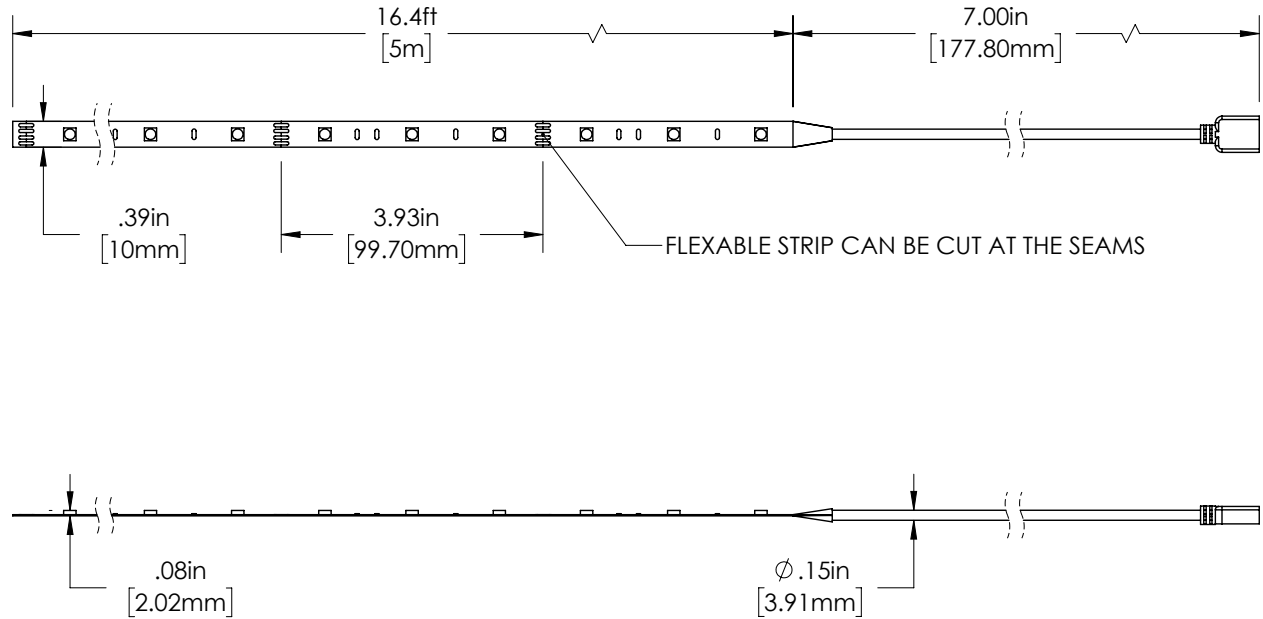
Power Adapter, Controller, and Remote

STK-NRGB-5M30-IR-01

1.57in [39.88mm]

1.45in [36.83mm]

2.70in [68.58mm]

1.39in [35.31mm]

.87in [21.97mm]

2.00in [50.80mm]

2.24in [56.90mm]

∅ .10in [2.54mm]

4.50in LENGTH

4.00in WIRE LENGTH

68.50in WIRE LENGTH

2.20in [55.82mm]

4.88in [123.95mm]

0.30in [7.62mm]

STK-NRGB-5M30-WBIR-01

1.57in [39.88mm]

1.45in [36.83mm]

2.70in [68.58mm]

1.20in [30.48mm]

0.64in [16.15mm]

2.96in [75.19mm]

3.75in WIRE LENGTH

68.50in WIRE LENGTH

4.50in WIRE LENGTH

2.20in [55.82mm]

4.88in [123.95mm]

0.30in [7.62mm]
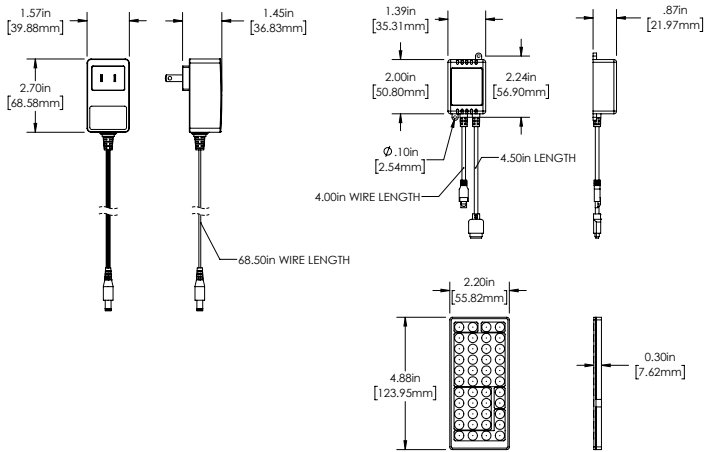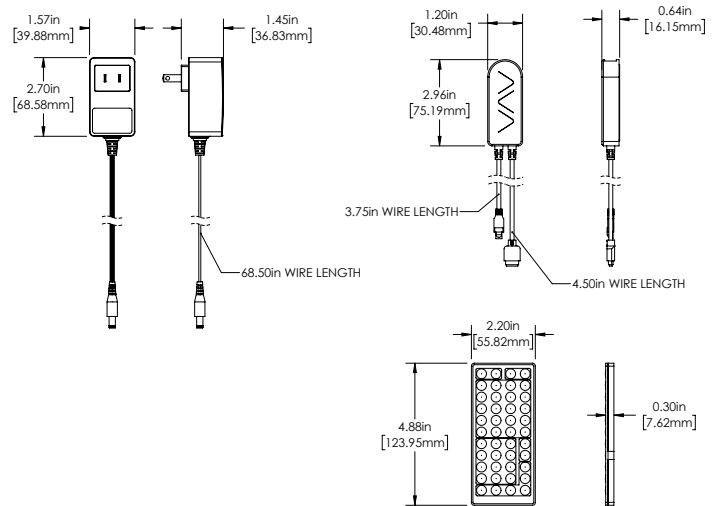
Specifications

Strip Specifications	
Beam Angle	120°
Current Draw	1.5 A
Dimmable	Yes
Finish	White
Input Voltage	12 VDC
IP Rating	IP20
LED Color Options	RGB
LED Density	9 LEDs/ft
LED Type	5050 SMD
LEDs per Segment	3
Length	16.4 ft (5 m)
Max Run	16.4 ft (5 m)
Minimum Cut Length	100 mm (3.94 in.)
Strip Width	10 mm (0.39 in.)

Power Supply Specifications	
Input Connection	1-15P Plug
Input Voltage	120 VAC
IP Rating	IP20
Output Voltage	12 VDC
Wattage	18 Watts
Standards and Certifications	ETL Listed

Remote Specifications	
Control Range	Up to 24.6 ft (7.5 m)
Battery Type	1 x CR2025
Remote Type	Infrared (IR) Remote

Model STK-	NRGB-5M30-IR-01	NRGB-5M30-WBIR-01
Control Type	Infrared Remote	Infrared Remote + Bluetooth, Smartphone/Tablet (Wi-Fi)

Specifications are subject to change without notice.

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