

SimpleColor™ LED strip lights are professional-grade lights that feature high light output in a fixed, single color. Available in a wide range of colors – violet, blue, green, amber, red – the LED strips do not require any controllers or dimmer systems to operate. Simply connect a 12V power supply (sold separately) and get just the color you need.

Premium color LEDs are mounted in a high density configuration of 36 per foot, providing 3x the brightness compared to RGB LED strips. The back side of the LED strip includes pre-applied 3M VHB® double-sided tape, which provides a simple but extremely strong adhesive mounting method for all of your projects.

The LED strips are 16.4 feet (5.0 meters) in length, and are conveniently reeled for quick and easy application, and can be cut to length every 1 inch (25 mm) with just a pair of scissors.

FEATURES

- Available in violet, blue, green, amber and red
- High brightness, single fixed color
- Plug and play ready with DC connector pre-mounted
- Runs on 12V constant voltage, power supply sold separately
- 4.5 W/ft (14.4 W/m)
- 4 oz copper circuitry for reduced voltage drop
- For indoor use only



PHOTOMETRIC SPECIFICATIONS

	Violet	Blue	Green	Amber	Red
Lumens per ft:	6 lm	88 lm	321 lm	185 lm	161 lm
Wavelength (peak):	415 nm	460 nm	525 nm	592 nm	630 nm
Wavelength (dominant):	430 nm	465 nm	530 nm	590 nm	623 nm
FWHM:	16.5 nm	19.5 nm	30 nm	15.5 nm	15.5 nm
CIE xy:	(0.1698, 0.0101)	(0.1391, 0.0490)	(0.1683, 0.7494)	(0.5811, 0.4181)	(0.6962, 0.3037)
WPE:	22%	33%	15%	9%	17%

Download full photometric reports at <https://www.waveformlighting.com/photometrics>

ELECTRICAL SPECIFICATIONS

Input type:	Constant Voltage
Input voltage:	12V DC
Current draw per ft:	365 mA @ 12V DC
Current draw per reel:	6.0 A @ 12V DC
Power draw per ft:	4.5 W @ 12V DC
Power draw per reel:	72 W @ 12V DC
Max run:	16.4 ft (5 meters)

MECHANICAL SPECIFICATIONS

Length:	16.43 ft (5008 mm)
Width:	0.394 in (10 mm)
Height:	0.067 in (1.7 mm)
LED spacing (OC):	0.327 in (8.3 mm)
Cut-line spacing:	0.984 in (25 mm)
PCB copper thickness:	2 oz
DC Connector (both ends):	18 AWG

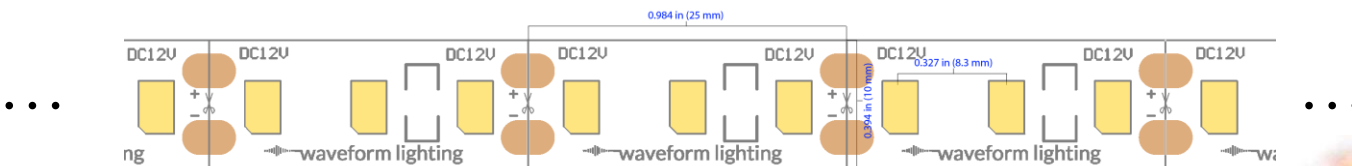
POWER SUPPLY SELECTION

Compatible with Waveform Lighting PN 3091 or third-party 12V DC constant voltage power supply.

If you choose to utilize a third-party power supply unit, you will need to ensure that the power capacity of the power supply is sufficient for the length of LED strip being connected. Use the table below to determine if the power supply is sufficient for your project.

Length	Minimum Power Supply Capacity	Length	Minimum Power Supply Capacity
1 ft:	400 mA / 5.3 W	0.5 m:	720 mA / 8.6 W
3 ft:	1.3 A / 16 W	1.0 m:	1.4 A / 17 W
6 ft:	2.6 A / 32 W	2.0 m:	2.9 A / 35 W
9 ft:	4.0 A / 47 W	3.0 m:	4.3 A / 52 W
12 ft:	5.3 A / 63 W	4.0 m:	5.8 A / 69 W
16.4 ft:	7.2 A / 86 W	5.0 m:	7.2 A / 86 W

MECHANICAL DRAWING & DIMENSIONS



(This drawing is an excerpt that shows just three complete, cuttable sections. Each reel consists of 200 of these sections).

PART NUMBERS AND ORDERING

Violet:	7041.415	Amber:	7041.592
Blue:	7041.460	Red:	7041.630
Green:	7041.525		