

Prop and Scenery Lights, LLC
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Spec Sheet
Lighting Wick Strip
Candle Flame
P/N: LWS-CF

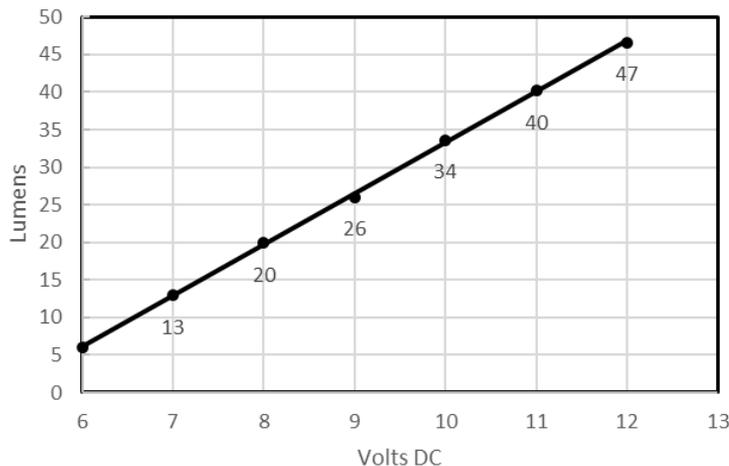


Part Number LWS-CF is a candlelight spectrum 12 LED semi-rigid double-sided, 6 LEDs per side, lighting strip with a 3-inch nominal active area. This unit is a professional LED candle flame simulation light source for building props and scenery. The strip operates from 12 volts DC Max. down to 6 volts DC. The candle flame light color temperature is an ultra-warm 1,775 Kelvin nominal with a color rendering index of 93 CRI nominal. The ends of the strip have 21" ref. length cables with female DC barrel connectors jack of the 2.1mm x 5.5mm size. The overall length of the strip and cables is 24" nominal. The strip can be cut every 2 LEDs per side. White dashed lines are marked at the two cut location options. A full-length strip has 12 LEDs (6 per side), a strip cut to 2/3 length has 8 LEDs (4 per side), and a strip cut to 1/3 length has 4 LEDs (2 per side).

Cut length power levels are as follows:

- 1) Full length (3 inch), 6 LEDs per side, 12 LEDs total: 9V, 111 mA, 1.0 watts, 12V, 193 mA, 2.3 watts
- 2) 2/3 length, (2 inch), 4 LEDs per side, 8 LEDs total: 9V, 74 mA, 0.67 watts, 12V, 128 mA, 1.54 watts
- 3) 1/3 length, (1 inch), 2 LEDs per side, 4 LEDs total: 9V, 38 mA, 0.34 watts, 12V, 65 mA, 0.78 watts

P/N: LWS-CF Lighting Wick Strip-Candle Flame
Lumens versus Voltage
(12 LED full length strip)



Notes:

- 1) The power connector needs to be compatible with the 2.1mm x 5.5mm DC barrel connector with a positive center connection.
- 2) Parts are made in China. The final assembly and outside clear UL VW1 rated protective cover are made and assembled onto the strip in the USA.
- 3) The strip is cuttable at the white dashed lines only.
- 4) See application note AN-1706 for static protection precautions.