

realUV™ Power Supply for UV LED Strip Lights

PN: 3091

The realUV™ 12V power supply is designed to operate up to a full reel - 16.4 ft (5 meters) - of Waveform Lighting's realUV™ LED strip lights.

These power supply units plug into standard USA two-prong outlets and output 12V DC through a standard 2.1 x 5.5 mm barrel jack, which can be connected directly to the LED strip reel.

With premium quality components designed for reliability and long-term performance, this is an excellent way to power all of your UV LED strip light projects.

PRODUCT AND FEATURES

- Converts 100-240 V AC to 12V DC constant voltage
- Works with both 365 nm and 395 nm versions of the LED strip lights
- Powers up to 16.4 ft (5 meters)
- UL Listed Class II (Double Insulated)
- Overcurrent and short circuit protection
- Durable, impact-resistant polycarbonate enclosure
- Outputs to standard 2.1 x 5.5 mm DC barrel jack
- Heavy-duty 16 AWG DC wire for reduced voltage drop
- Dimensions: 176 x 76 x 42 mm
- For indoor use only



ELECTRICAL SPECIFICATIONS

Input voltage:	100 - 240V AC, 50 - 60 Hz
Output voltage:	12.0V DC \pm 2%
Output current (max):	10 A
Power (max):	120 W
DC cable wire gauge:	16 AWG
Overcurrent shutoff:	13.5 A
Power factor:	0.5

MECHANICAL SPECIFICATIONS

Length:	6.929 in (176 mm)
Width:	2.992 in (76 mm)
Height:	1.654 in (42 mm)
Weight:	21.6 oz (612 g)
AC cable length:	4 ft (1200 mm)
DC cable length:	4 ft (1200 mm)

PART NUMBERS AND ORDERING

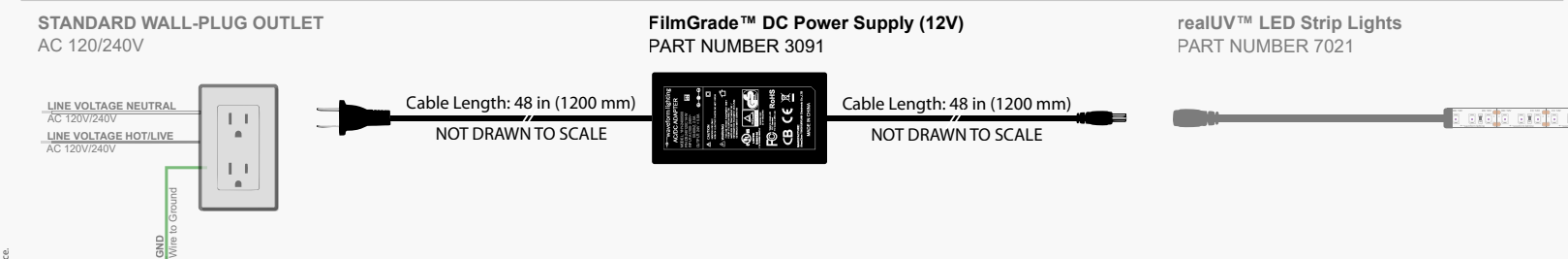
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CERTIFICATIONS

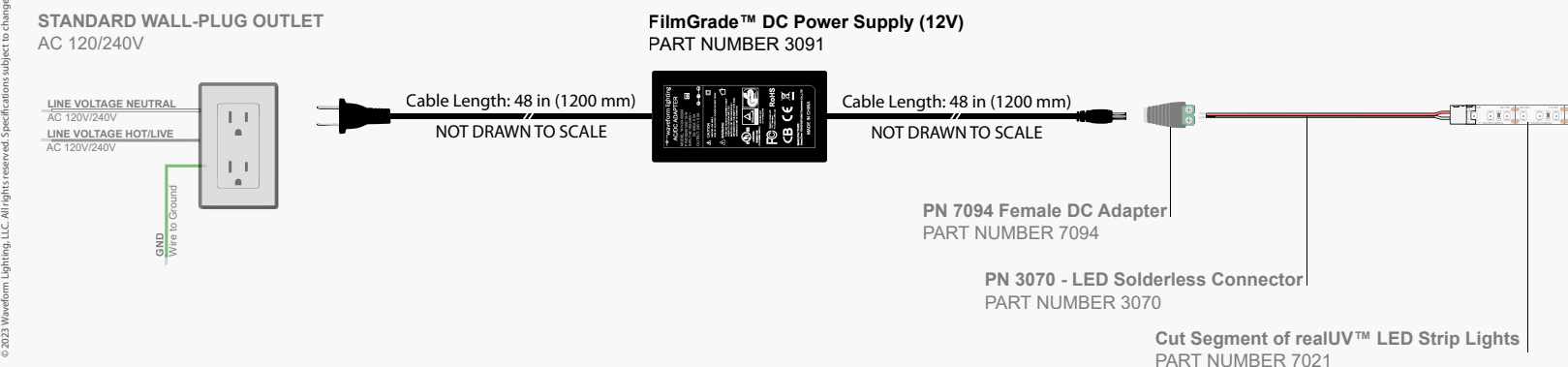


EXAMPLE CONNECTION DIAGRAMS

CONNECTING TO A COMPLETE REEL WITH DC JACKS INTACT



CONNECTING TO A CUT OR PARTIAL REEL WITHOUT DC JACKS



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