

FilmGrade™ 24V Power Supply for Film & Photography

PN: 3092

FilmGrade™ 24V power supplies are 120-watt constant voltage devices capable of providing 5 amps of current. Designed specifically to power 24V versions of FilmGrade™ WHITE LED strips (PN: 3002), these power supply units plug into standard USA two-prong outlets and output 24V DC through a standard 2.1 x 5.5 mm barrel jack.

With a $\pm 2\%$ voltage tolerance and low ripple & noise, these power supplies are completely flicker-free and excellent choices for use on film, TV and broadcast sets as well as continuous output photography applications.

PRODUCT AND FEATURES

- Converts 100-240 V AC to 24V DC constant voltage
- Produces completely flicker-free electrical current
- 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:	24.0V DC $\pm 2\%$
Output current (max):	5 A
Power (max):	120 W
DC cable wire gauge:	16 AWG
Overcurrent shutoff:	6.7 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

24V:	3092
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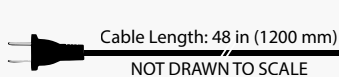
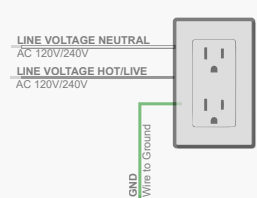
CERTIFICATIONS



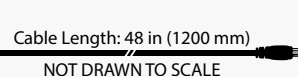
EXAMPLE CONNECTION DIAGRAMS

CONNECTING TO A COMPLETE REEL WITH DC JACKS INTACT

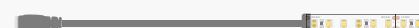
STANDARD WALL-PLUG OUTLET
AC 120/240V



FilmGrade™ DC Power Supply (24V)
PART NUMBER 3092

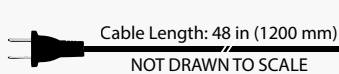
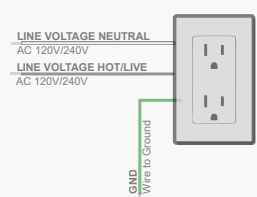


FilmGrade™ WHITE LED STRIP LIGHTS (24V)
PART NUMBER 3002

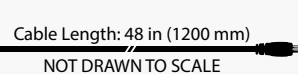


CONNECTING TO A CUT OR PARTIAL REEL WITHOUT DC JACKS

STANDARD WALL-PLUG OUTLET
AC 120/240V



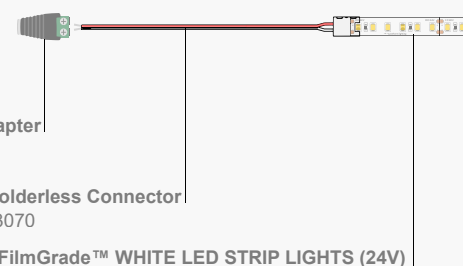
FilmGrade™ DC Power Supply (24V)
PART NUMBER 3092



PN 7094 Female DC Adapter
PART NUMBER 7094

PN 3070 - LED Solderless Connector
PART NUMBER 3070

Cut Segment of FilmGrade™ WHITE LED STRIP LIGHTS (24V)
PART NUMBER 3002



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