

Part Nos.: LED 12VDC Power Supply (12W) ..... L-DCE12D-CON  
 LED 12VDC Power Supply (50W) ..... L-DCE50D-CON

For best operation, use LED-compatible wall dimmers.

# Installation Instructions

## Hardwire LED Power Supplies

### Class 2 • Dimmable 12W & 50W 12VDC

## IMPORTANT SAFETY INSTRUCTIONS

**CAUTION: To reduce the risk of fire, electric shock, or injury to persons:**

**Read all instructions before installing system.**

**Before beginning installation, be sure power is turned OFF to the power supply and light system.**

- The 12W Power Supply operates on line voltage 120 VAC.  
The 50W Power Supply operates on line voltage 100-240 VAC.

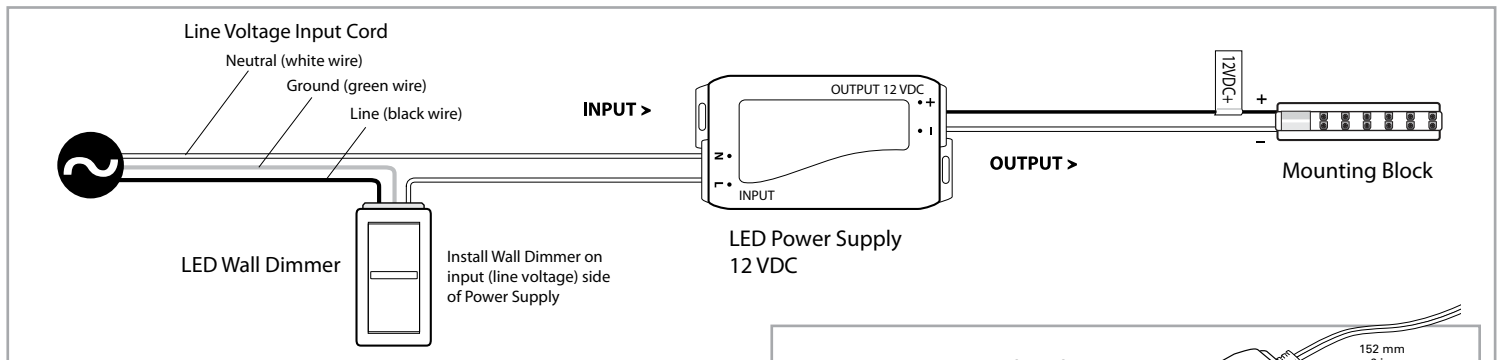
**Warning:** The Power Supply is to be mounted and wired in accordance with Article 450 of the National Electric Code (NEC). The Power Supply must be installed in a well-ventilated area free from explosive gases and vapors. Failure to install the Power Supply and light fixture in compliance with applicable codes and regulations may cause serious personal injury, death and/or major property damage.

- The hardwired installation of the Power Supply should only be performed by a qualified electrician.
- Do not conceal the line voltage input cord or Power Supply inside a wall, ceiling, soffit, or similar permanent structure, unless consulting a licensed electrician. This requirement does not apply to the wiring between the Power Supply and the cabinet light system.

- Use only insulated staples or plastic ties to secure ALL loose cords.
- Route and secure cords so that they will not be pinched or damaged when the cabinet is pushed to the wall.
- Use only LED-compatible Wall Dimmers with LED Power Supplies. For best operation, use a Dimmer with an adjustable low-end dial such as the Lutron® C-L Series: L-CTCL-153P-WH or L-DVCL-153P-WH.  
If you are unsure of dimmer compatibility, call 1-800-277-1711.
- Only install the Wall Dimmer on the input (line voltage) side of the Power Supply.

**!** Do not add a plug-in to input wires and attempt to dim a receptacle. This can cause unwanted lighting effects (such as flickering), is dangerous, and against NEC in certain applications.

- Do not attempt to ground this unit. It is double-insulated.
- This unit can be mounted in any orientation, horizontal or vertical.
- Not intended to be used in damp locations or outdoor areas.
- Not intended for recessed installation in ceilings or soffits.
- If any modification is made to the Power Supply, it will invalidate the warranty and may render the product unsafe.

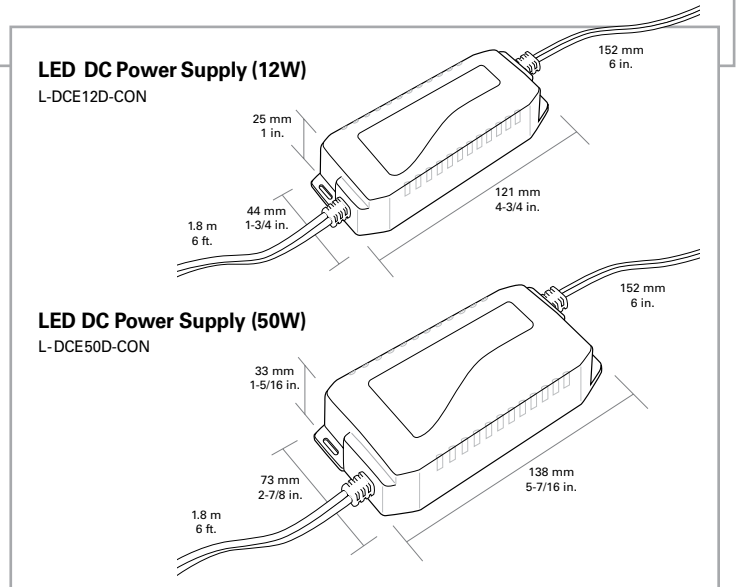


## Technical Specifications

Part No.	L-DCE12D-CON	L-DCE50D-CON
Input Voltage Range	120 VAC	100-240 VAC
AC Frequency	50-60Hz	50-60Hz
Input Current	0.18A max	0.58A max
Output Mode	Constant voltage	Constant voltage
Output Current	1.0 A	4.16 A
On Load Voltage	12V	12V
No Load Voltage	12V	12V
Output Power	12W max	50W max
Power Factor	>0.90	>0.90
Efficiency	>80%	>80%
Dimensions	121 x 44 x 25 mm (4-3/4 x 1-3/4 x 1")	138 x 73 x 33 mm (5-7/16 x 2-7/8 x 1-5/16")
Weight	175g (6.2 oz)	340g (12.0 oz)
Minimum Load	No minimum required	No minimum required
Warranty	3 years	3 years

**Note:** Mounting Block and Line Voltage Input Cord are included with each Power Supply.

**Save these instructions for future reference.  
 For technical assistance, call 1-800-227-1171**



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