

# LED Systems Power Supply

Product Code #74601



## BEFORE YOU BEGIN

Read these instructions completely and carefully.

### WARNING

**Risk of electrical shock.** Turn power OFF before inspection, installation or removal.

## Prepare Electrical Wiring



### Electrical Requirements

- The power supply must be supplied with 120V, 60Hz or 240 V, 50Hz and connected to an individual properly grounded branch circuit, protected by a 15 or 20 ampere circuit breaker.



### Grounding Instructions

- The grounding and bonding of the overall system shall be done in accordance with National Electric Code (NEC) Article 600.

## Power Supply Features

- Class 2 wiring per NEC Article 725 (SELV)
- Damp location rated
- Compatible with the following LED systems:
  - Immersion LED Display Case Lighting (DC10 Series)
- Conforms to the following standards:



E223454



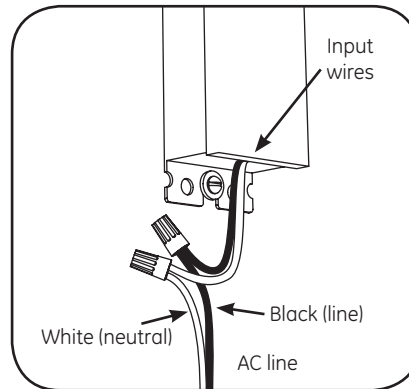
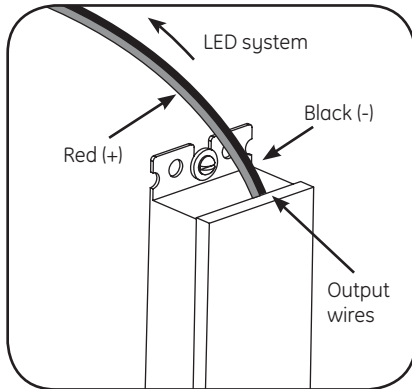
**NOTE:** This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This Class [A] RFLD complies with the Canadian standard ICES-005. Ce DEFR de la classe [A] est conforme à la NMB-005 du Canada.



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## Power Supply Installation



**1** Connect the AC line to the black (line) and white (neutral) input wires of the power supply using 18-14 AWG (0.82-2.08 mm<sup>2</sup>) twist-on wire connectors.

**2** Connect the supply wire that is attached to your LED system to the red (+) and black (-) output wires of the power supply as outlined in the “**Electrical Connections**” section of your LED system’s Installation Instructions.

Ensure the power supply load and remote mounting distances are within the ranges specified in the chart below.

	Power Supply Load		Remote Mounting Distance
	Min	Max	Max
Immersion™ Display Case Lighting (DC10 series)	24 inches (610 mm)	96 inches (2438 mm)	3 feet (0.91 m)

**NOTE:** Power supply loads exceeding maximum load will cause the power supply to shut down. Once the excess load is removed, cycle the input power to restart the power supply.

## Power Supply Specifications

	Min	Typical	Max
Input Voltage (VAC)	90	120/230	264
Input Frequency (HZ)	-	50/60	-
Input Current (A)	-	-	0.85
Output Voltage (VDC)	11.7	-	12.3
Output Current (ADC)	-	-	5.0
Output Power (W)	-	-	60
Environmental Operating Temperature Range	-40°C	+25°C	+60°C*
Environmental Humidity (non-condensing)	0%	-	95%
Environmental Storage Temperature Range	-40°C	-	+85°C
Enclosure Specification	Damp Location Rated		
Dimensions	9.5 inches x 1.7 inches x 1.2 inches (240 mm x 43 mm x 30 mm)		

\*Maximum case temperature is 90°C

For additional product and application information, please consult GE’s Website: [www.gelighting.com](http://www.gelighting.com)

Information provided is subject to change without notice. Please verify all details with GE. All values are design or typical values when measured under laboratory conditions, and GE makes no warranty or guarantee, express or implied, that such performance will be obtained under end-use conditions.