

Lumination® LED Luminaire

Product Code: 74914

Description Code: GE020/G/V12T1-B

(Tetra® AL10 Series)



BEFORE YOU BEGIN

Read these instructions completely and carefully.

WARNING / AVERTISSEMENT

Risk of electrical shock. Disconnect power before servicing or installing product.

Risque de choc électrique. Couper l'alimentation avant le dépannage ou avant l'installation du produit.

LED Driver Features

- Class 2 wiring per NEC Article 725 (SELV)
- IP54: Dry or damp location rated

Prepare Electrical Wiring



Electrical Requirements

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



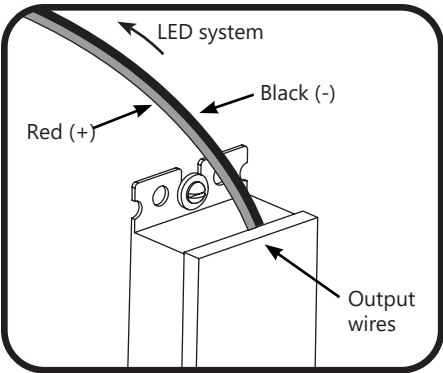
Grounding Instructions

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

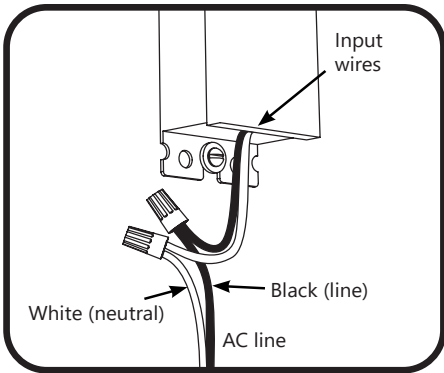
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. This Class [A] RFLD complies with the Canadian standard ICES-003. Ce DEFR de la classe [A] est conforme à la NMB-003 du Canada.

Note: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

LED Driver Installation



1 Connect the AC line to the the black (line) and white (neutral) input wires of the power supplu using 18-14 AWG (0.82-2.08 mm²) twist-on wire connectors.



2 Connect the supply wire that is attached to the Tetra® 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.

Technical Specifications

	Min	Typical	Max
Input Voltage (VAC)	90	100-240	264
Input Frequency (Hz)	-	50/60	-
Input Current (A)	-	-	0.32
Output Voltage (VDC)	11.7	12.0	12.3
Output Current (ADC)	-	-	1.7
Output Power (W)	-	-	20
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	IP54: Dry or damp location rated		
Dimensions	5.9 in. x 1.5 in. x 1.3 in. (150 mm x 37 mm x 32 mm)		

Note: For remote mounting or loading information refer to the LED System Installation Instructions.

This product is intended to be used as a lamp control gear that is installed after the mains control switch.
Conforms to the following standards:

