RG6 LED Signals

12" (300mm) LED Railway Grade Crossing

BEFORE YOU BEGIN

Read these instructions completely and carefully. If you prefer to have this Installation Instructions document in other languages, visit our official website at: www.LED.com/transportation

⚠ WARNING / AVERTISSEMENT

RISK OF ELECTRIC SHOCK
Disconnect Before Servicing or installing product. The LED module must be installed into a signal head with adequate ingress protection for the location (protection from the weather).

RISQUES DE DÉCHARGES ÉLECTRIQUES
Couper l'alimentation avant le dépannage ou avant l'installation du produit. Le module DEL doit être installé dans une tête de signal avec une protection adéquate d'entrée pour l'emplacement (protection contre les intempéries).

Operating Specifications

Nominal Input Voltage	10V
Voltage Range	8V to 16V AC 8V to 20V DC
Nominal Power Consumption	13.2 Watts

Prepare Electrical Wiring

Electrical Requirements

- Do not use in wet locations
- Follow all National Electric Codes (NEC) and local codes.

Important Information

- Use only with alternating current (AC) interlocking.
- Always use a sun shielding apparatus such as a visor or hood if installed outdoors.
- Do not attempt to open the LED module. No assembly is required.
- This product is intended solely for the use of rail signaling and is not intended for use in any other application.

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.
CAN ICES-005 (A)/NMB-005(A)

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.

Testing

When testing the lamp before installation, first check the electrical characteristics on the label on the back of the lamp (see note (B) below) to avoid damaging the lamp.

Installation Steps

NOTE: Failure to properly follow these instructions may cause signal to malfunction.

1. Remove the incandescent bulb, reflector and lens assembly from the housing.
2. Feed wires of the LED signal module through the conduit in the housing.
3. Insert the LED signal into the lens slot and rotate it until the arrow on the back of the module (A) is aligned with the top of the housing.
4. Lock the LED signal module in place by tightening metal tabs over the rim of the module, or fastening a ring holder over the module, as applicable.
5. Connect the wires to the AAR terminals.