

# Installation Instructions

## GT2™ LED Traffic Signal Lamps

200mm and 300mm (Circular Modules)



### BEFORE YOU BEGIN

Read these instructions completely and carefully.

### Prepare Electrical Wiring



#### Electrical Requirements

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

### ⚠ WARNING / AVERTISSEMENT

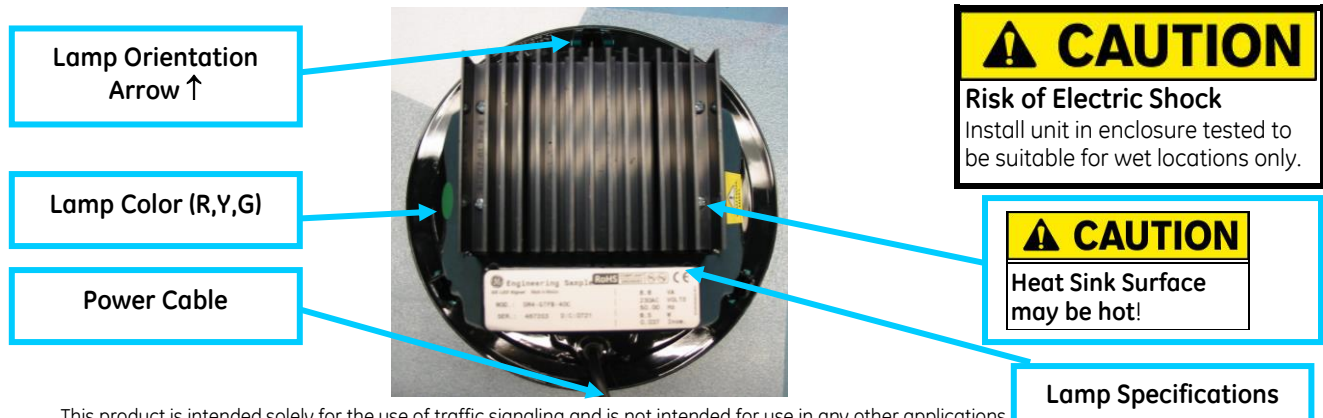
**Risk of Electric Shock.** Disconnect Before Servicing or installing product. The LED module must be installed into a signal head with adequate ingress protection for the location (protection from the weather).  
**Risque de choc électrique.** Couper l'alimentation avant le dépannage ou avant l'installation 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).

### Installation Steps:

**Important notice:** Removal of the **internal** lens will **void your warranty**.

1. **Verify input voltage** is within specified range on the back of the LED signal module before installation. Failure to do so will cause lamp to fail.
2. **Install symbol mask:** To install symbol mask (e.g. arrow, walking person, bicycle) please refer to installation instruction document TRAF051-R101607.
3. Open Front cover of (customer supplied) traffic signal housing.
4. Remove outer lens and incandescent bulb from traffic signal housing OR existing LED signal module. Retain all hardware as removed as it may be needed in subsequent steps.  
**NOTE:** Installer is responsible for ensuring the disposal of removed components complies with all applicable regulatory requirements.
5. Ensure that a gasket (customer supplied) is present around the perimeter of the new GT2 LED signal module.
6. Insert the LED signal module into the available cavity from previous LED module or incandescent bulb.  
**NOTE:** Ensure that the arrow (↑) on the back cover of the LED signal module is oriented pointing up.
7. Install mounting hardware to ensure that the LED signal module is securely fastened to traffic signal housing.
8. Either wire could be connected to the terminal block. Water must not contact the electrical connection.
9. **Power cable breathing:** Make sure the power cable is neither squeezed nor plugged at its connecting extremity to allow for air to circulate inside the cable.
10. After installation of all modules is complete, ensure all traffic signal housings are closed and secured properly.
11. Apply power and ensure proper operation of traffic signal modules per intersection requirements as specified by customer.

This product is intended solely for the use of traffic signaling and is not intended for use in any other applications



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 NOTE: If you prefer to have this Installation Instructions document in **other languages**, visit our official website at:

[www.currentbyge.com/transportation](http://www.currentbyge.com/transportation)

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-003 (A)/NMB-003(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.



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