⚠️ **- Read these instructions completely and carefully before you begin.**
- Follow all National Electric Codes (NEC) and local codes for installations and connections.

WARNING

- Risk of Electric Shock. Disconnect power before servicing or installing product. The LED signal module must be installed into a signal head with adequate protection from the weather.

- Appropriate electrical installation connections and safety equipment are to be determined by the end user per the applicable safety standards and precautions. This document is neither intended to construe warranty or fitness of use of the products described, nor to provide safety instruction for those installing the product.

INSTALLATION STEPS

1. This product is intended solely for the use of traffic signaling. It should not be used for any other purpose. Inspect the product before installation for any damage that might have occurred during transit. (Contact the seller or manufacturer if any part needs to be replaced.)

2. **Verify the input voltage.**
   Check whether the input voltage is within the specified range on the back of the LED signal module before installation. Failure to do so will cause device failure.

3. Open the front panel of the traffic signal housing (customer supplied).

4. Remove existing LED signal module or the incandescent bulb and the outer lens from the traffic signal housing. Ensure to retain all hardware (e.g. metal plates, screws) to use in subsequent steps.

5. Mount MeltSmart™ LED traffic signal module to the front panel of the housing, using the existing metal plates and screws retained from the previous step. Ensure the TOP arrow on the back of the signal module is pointing upward.

6. **Make sure that the LED signal module is securely fastened to the signal housing.**
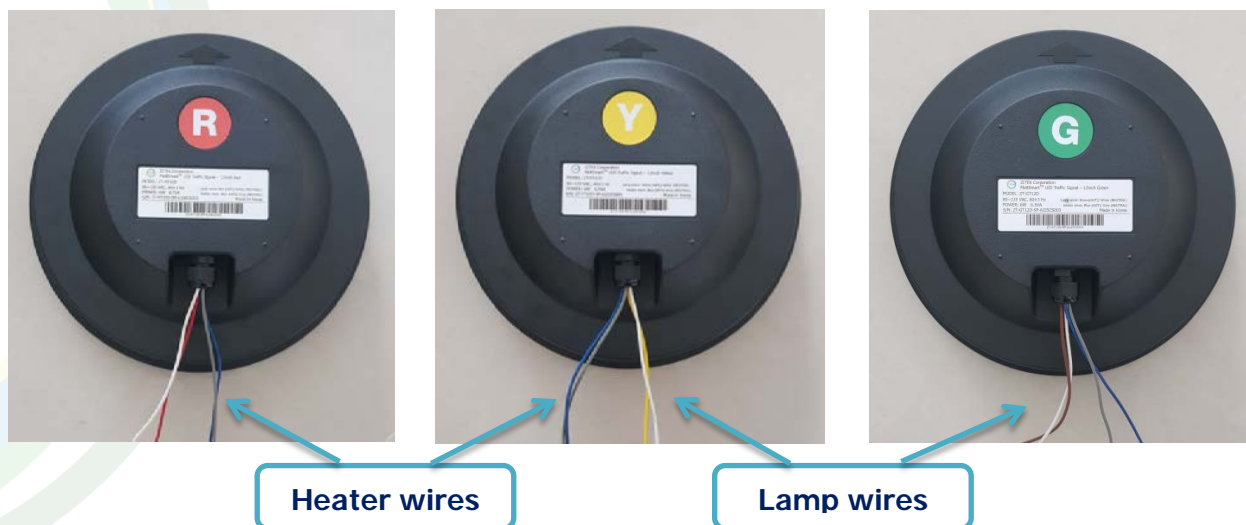
7. Connect the **LAMP wires** to the appropriate **traffic signal power** terminals*, which are connected to the controller. Ensure the correct colored wire is connected to correct terminals for proper operation.

LAMP WIRE FUNCTION	RED SIGNAL	AMBER SIGNAL	GREEN SIGNAL
HOT/POSITIVE	Red	Yellow	Brown
NEUTRAL	White		

*Terminal block not included

8. Connect the **HEATER wires** to the **SEPARATE power source**, which are **NOT** connected to the signal power. Ensure the correct colored wire is connected to correct terminals for proper operation.

HEATER WIRE FUNCTION	RED SIGNAL	AMBER SIGNAL	GREEN SIGNAL
HOT/POSITIVE	Blue		
NEUTRAL	Grey		

Heater wires   **Lamp wires**

9. After the installation is complete, close the front panel of the signal housing and secure properly.