



The Leader in Electro-Optics Technology

LED GREEN Technology

a subsidiary company of LITEON

LED Pedestrian Signal Modules

16 inch Countdown

CIL, CD Series

Installation Guide



This procedure is designed as an installation aid. Skilled trades people that are familiar with general construction and electrical installation techniques should perform the installation. Licensed electricians should provide electrical installation connections. Installations and connections should be done in accordance with all national and local codes and permits. In no way is this document intended to construe warranty or fitness of use of the products described, nor is it intended to provide safety instruction for those installing the product.

WARNING

Before proceeding with installation or service maintenance of this product:

- Disconnect power to reduce electrical shock risk.
- Review the entire Installation Guide.
- Inspect this properly packaged product for any damage that may have occurred during transit.
- Verify product application complies with manufacturer design recommendations.
- Verify the availability of necessary tools and incidental material.
- Verify applicable code requirements. Field assembly and installation are subject to acceptance by local inspection authority.
- Appropriate safety equipment to be determined by end user, per applicable safety standards and precautions.



Figure 1
(A) Terminal Strip

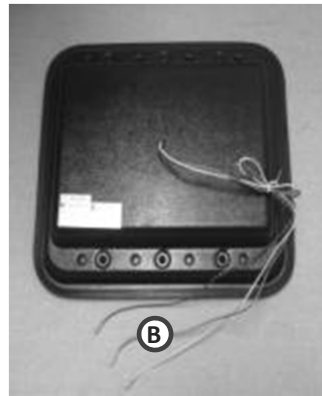


Figure 2
(B) Conductors



Figure 3
(C) Connection at Terminal Strip



Figure 4
(D) Secure Door

- Step 1** - Remove existing pedestrian glass legend and reflector assembly/unit from housing. Disconnect original conductors from the terminal strip inside the housing (Figure 1).
- Step 2** - Remove the LED pedestrian signal module from the shipping box. The LED pedestrian signal module has three colored conductors: white, orange and blue. An affixed wiring label shows the proper connections. The blue conductor shall be connected to the Man symbol, the orange conductor to the Hand symbol, and the white wire to the Neutral (Figure 2).
- Step 3** - At the terminal strip inside the housing, verify conductor colors are correctly matched from the LED pedestrian signal module to the terminal strip, then connect the conductors to the terminal strip (Figure 3).
- Step 4** - Remove the protective film from the lens of the module.
- Step 5** - Place the LED pedestrian signal module inside housing (Figure 4). Verify the Hand and Man symbols are properly orientated in the up position. Verify the gasket is properly secured.
- Step 6** - Secure and tighten the door assembly using the existing fasteners.