

## ETP-EL12/24 Installation Instructions



**THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED**

**CE PRODUIT DOIT ÊTRE INSTALLÉ SELON LE CODE D'INSTALLATION PERTINENT, PAR UNE PERSONNE QUI CONNAÎT BIEN LE PRODUIT ET SON FONCTIONNEMENT AINSI QUE LES RISQUES INHÉRENTS**

### I. Introduction

Model **ETP-EL12/24** is a 12-24VDC/24VAC outdoor-rated Blue Light, which is lit at all times to draw attention to the location. The Blue Light flashing can be activated by Talk-A-Phone emergency phones or by third party devices that provide a dry contact closure or relay output. **ETP-EL12/24** has a low power mode setting for use in applications where power consumption is an important consideration.

### II. Power requirements

**ETP-EL12/24:** 10-30VDC / 20-28VAC, 7.5 Watts, 1.5 Watts low power steady mode (18A peak inrush)

### III. Mounting

If installing the Blue Light in a Talk-A-Phone phone mount, such as an **ETP-MT** mounting tower, follow the instructions included with that mount. Alternatively, remotely mount the Blue Light to a 4" square conduit box using an **ETP-MBKT** mounting bracket. Screws are included with the mount or bracket. The **ETP-EL 12/24** is designed to be mounted in an upright position with the base at the bottom of the unit.

### IV. Wiring

The **ETP-EL12/24** (polycarbonate base) Blue Light can be connected to either the 12-24VDC or the 24VAC output voltage of the power source (shown in **Figure 1**). The **ETP-EL12/24** (aluminum base) Blue Light can be connected to either the 12-24VDC or the 24VAC output voltage of the power source, while grounding the white wire (shown in **Figure 2**).

### V. Connecting to Emergency Phone

When using the Blue Light with **ETP-400** Series Emergency Phones, connect the orange and black auxiliary control cable pair of the Blue Light to the orange and black wires of the Emergency Phone. Refer to the Emergency Phone Manual for information regarding the programming of your phone.

When using the **ETP-EL12/24** Series Blue Light with **VOIP-500** Series Emergency Phones, connect the orange and black auxiliary control cable pair of the Blue Light to positions 3 and 4 (Aux. Output 2) of the 6-pin connector plug of the **VOIP-500** Series Phone.

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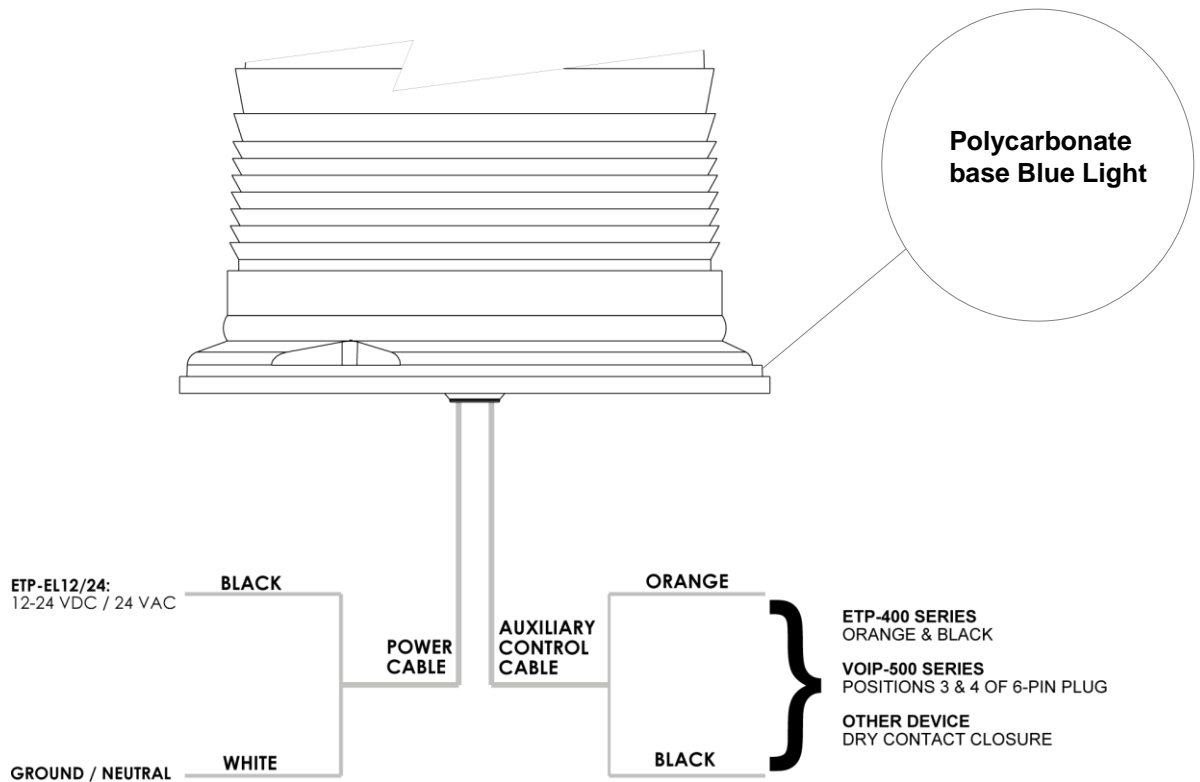
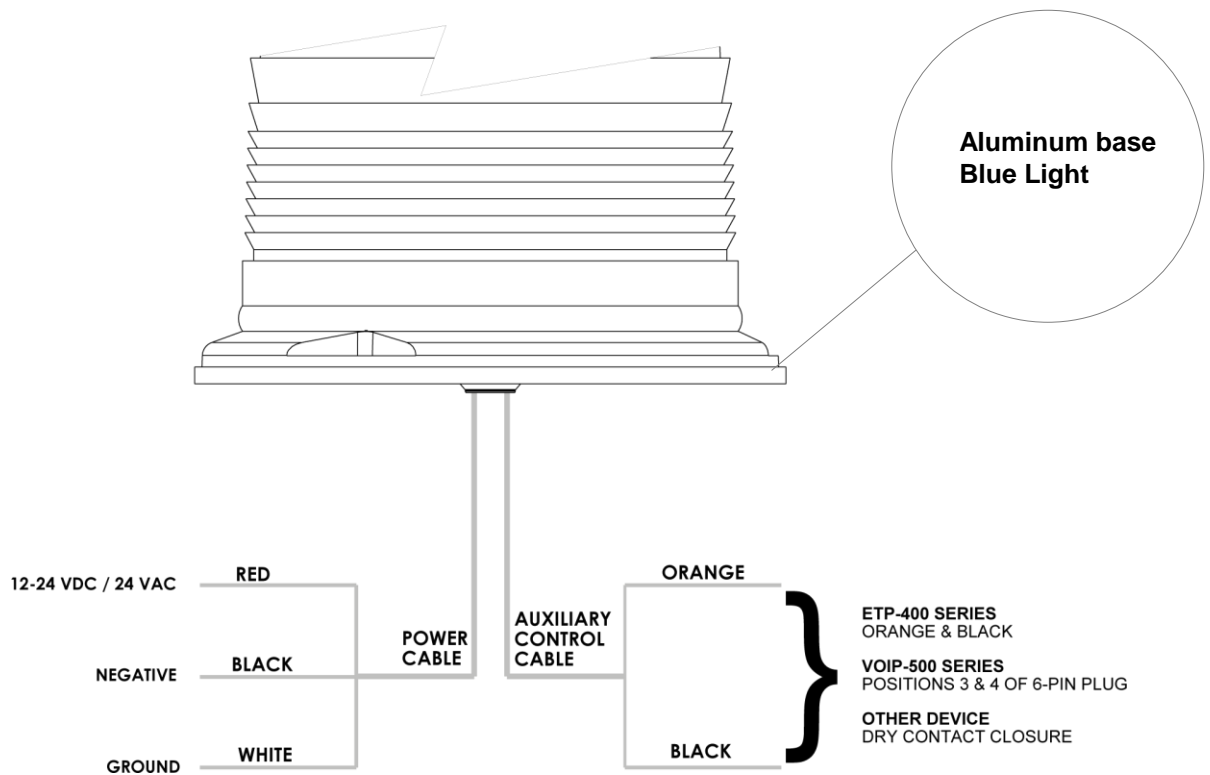


Figure 1: Electrical connections to the ETP-EL12/24 (polycarbonate base) Blue Light



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Figure 2: Electrical connections to the ETP-EL12/24 (aluminum base) Blue Light

## VI. Polycarbonate Base Blue Light Low Power Mode

The **ETP-EL12/24** (polycarbonate base) Blue Light can operate in either of the two modes as follows:

1. Normal power mode (default mode)
2. Low power mode (power conservation mode)

For Low Power Mode:

- a. Disconnect the **ETP-EL12/24** Blue Light from the power source.
- b. Untwist the Fresnel dome from the base of the **ETP-EL12/24** Blue Light.
- c. As shown in **Figure 3**, use the jumper to shunt the center and the left side header positions on the 3-position connector.
- d. Fasten the Fresnel dome to the base of the **ETP-EL12/24** Blue Light and connect to the respective power source.

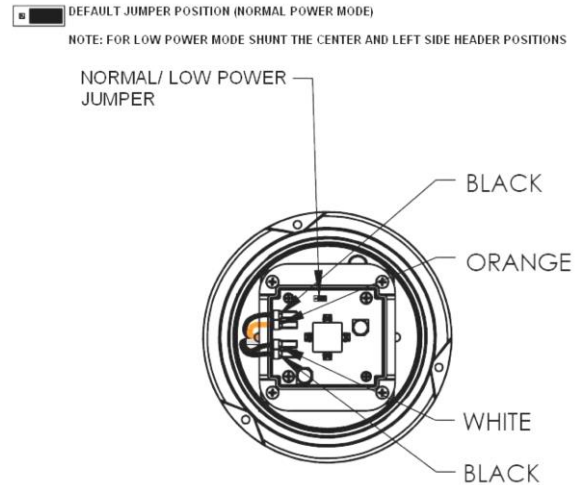


Figure 3: Low power mode jumper