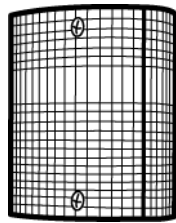


102 Series Trioptical Stackable Beacon Lighting System Lens Modules Installation Sheet



Description / Operation

The Edwards Trioptical Stackable Beacon Lighting System is a unique audible-visual signaling device that can contain up to 5 light modules and either a single or multiple tone module in a single "stack."

All components of the Trioptical Stackable Beacon Lighting System are UL and cUL listed subassemblies. The units, when assembled, are UL and cUL listed for indoor and outdoor applications. The enclosures are NEMA 3R, 4X, and IP65 rated.

The optically designed lens modules are available in five colors--amber, blue, clear, green and red. Each lens module contains a removable cover to allow for easy relamping. The lens module cover features a molded-in gasket for weather tight reliability.

NOTE: LED light sources must be used with the matching lens color and are only available in four colors--amber, blue, red and green.

Installation

Installation must be in accordance with local codes.

WARNING: To prevent electrical shock, do not connect power until instructed to do so.

1. Assemble the stackable beacon lighting system (Figure 1).
 - a. Pull the captive key in the lens module into the "out" position.
 - b. Place the first lens module on top of the base.
 - c. Push in the captive key to secure the lens module.
 - d. Insert the appropriate light source into board grooves at bottom of lens ensuring that the four prongs on the

pc board are aligned with the plug located in the back of the lens module.

NOTE: When using LED light sources, ensure that the color of the LED light source and the lens assembly match.

NOTE: For further details, see the instructions supplied with the light source, P/N 3100701, or the instructions supplied with the base, P/N 3100669.

WARNING: To prevent leakage, ensure the magnifier ring on the lens cover and the magnifier ring on the lens module are aligned (Figure).

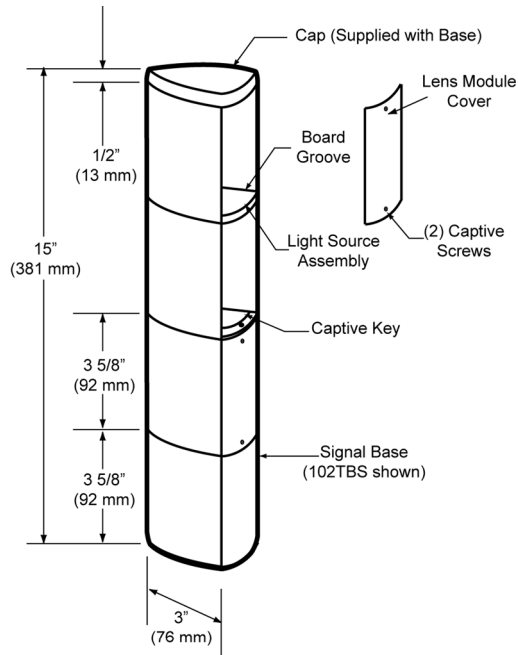
- e. Place the lens module cover on the front of the lens module and secure using two captive screws.
 - f. Repeat steps a through e for any remaining modules (up to 5).
 - g. Once the last module has been assembled, place the cap on top and secure the cap with the captive screw.
4. Apply power to the unit and verify proper operation.

Maintenance

WARNING: To prevent electrical shock, disconnect power to all modules. Wait 5 minutes for stored energy in strobe modules to dissipate before working on unit.

The lens surfaces should be periodically dusted and cleaned with a dry soft clean cloth to maintain optimum light visibility. If necessary, the outside of the lens may be cleaned with water and a mild detergent on a well rung out soft clean cloth.

Figure 1: Assembling the stackable status indicator (Cat. No. 102TBS shown for illustration purposes only)



Regulatory information

Edwards Signaling Edwards, A Division of UTC Fire & Security
Americas Corporation, Inc.
8985 Town Center Parkway, Bradenton, FL
34202, USA

Contact information

For contact information, see www.edwardssignaling.com.

P/N 3100700 OFFSET

INSTALLATION INSTRUCTIONS FOR 102 SERIES
TRILIPTICAL STACKABLE STATUS INDICATOR

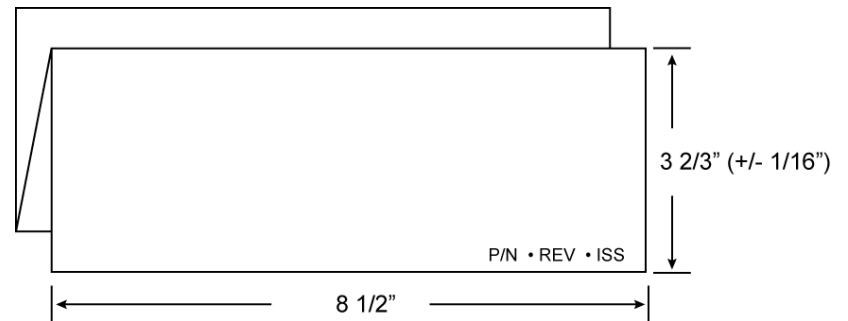
(1) 8 1/2" x 11" SHEET PRINTED BOTH SIDES. FOLD TWO TIMES TO
DIMENSIONS SHOWN ON DETAIL WITH PART NUMBER ON THE OUTSIDE.

MATERIAL: STANDARD WHITE OFFSET STOCK

CHARACTERS TO BE BLACK ON WHITE BACKGROUND

NOTE: MECHANICALS HAVE ALREADY BEEN REDUCED TO ACTUAL SIZE.

RETURN MECHANICALS TO:
TECHNICAL WRITING
EDWARDS SIGNALING
41 WOODFORD AVENUE
PLAINVILLE, CT 06062



ECN: 09-C1917

ISSUE: 02

FILE: 3100700

APPROVED BY: DVG