

Installer Instruction

LED Marker (Medium Intensity Towers)



A Dielectric Company – SPX Corporation

Date: March 12, 2004

PART NUMBER: 7498812

RELEASE LEVEL: PRODUCTION
REVISION: 2.0

Purpose:

These instructions are provided to illustrate the recommended LED marker installation for Medium Intensity towers. LED marker kit part number is 1903135. Installation of this kit is similar to the installation of the incandescent marker kit 1903110. This kit is to be installed ONLY by a qualified technician.

Reference Item Numbers:

1. 1903727 - L810 LED marker assembly with 1" to 3/4" NPT reducer
2. 3991206 – Universal bracket
3. 5990252 – Adjustable clamp
4. 5991680 – Conduit nipple, 3/4" NPT
5. 5991691 – Conduit locknut, 3/4" NPT
6. 5991609 – Conduit elbow fitting, 3/4" NPT

Procedure:

1. Assemble Item #6 (Conduit elbow fitting) to end of 5991887 (Compression fitting) or threaded end of conduit included in kit (see "Note" in Illustration 1).
2. Assemble Item #4 (Conduit nipple) to Item #6 and install Item #5 (Conduit locknut) to Item #4 (see Illustration 1).
3. Install Item #2 (Universal bracket) to tower leg and adjust Item #3 (Adjustable clamp) to firmly secure to tower. See Illustration 1 for recommended location of adjustable clamp location.

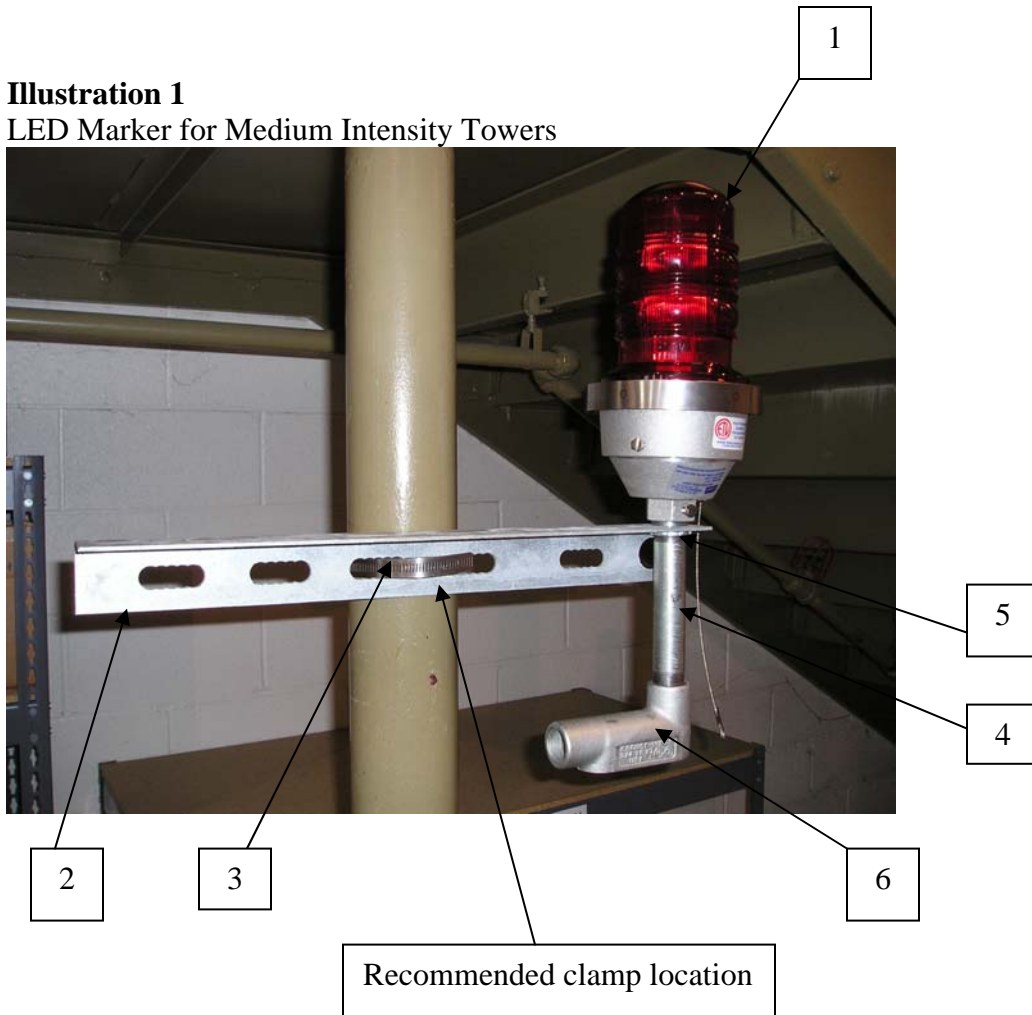
Note: Do not over tighten adjustable clamp.

4. Route supplied wires (black, white and green) through the conduit elbow and conduit nipple. For opposite end of wires at junction box, follow wiring connection specified in provided drawing schematic.

Note: Prior to installation of LED marker, terminate wires from LED marker to provided black, white and green wires with 5991722 (Gray wire connector). Retain connections between these wires inside the LED marker base. Follow wiring connection specified in provided drawing schematic.

5. Place and tighten LED marker (Item #1) to universal bracket and conduit nipple, see Illustration 1. Tighten locknut to secure LED marker light to bracket.
6. Check all joint locations for secure fit.
7. Repeat as required.
8. Assembly is completed.

Illustration 1
LED Marker for Medium Intensity Towers



Note: To show for clarity, Illustration 1 represents hardware required at LED Marker end. Other components in this kit are not shown in Illustration 1.