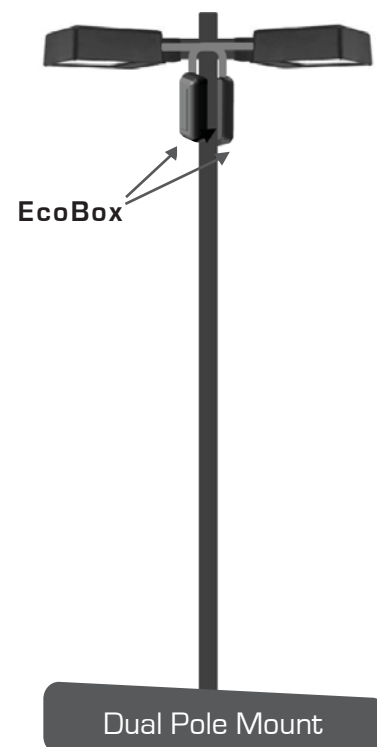
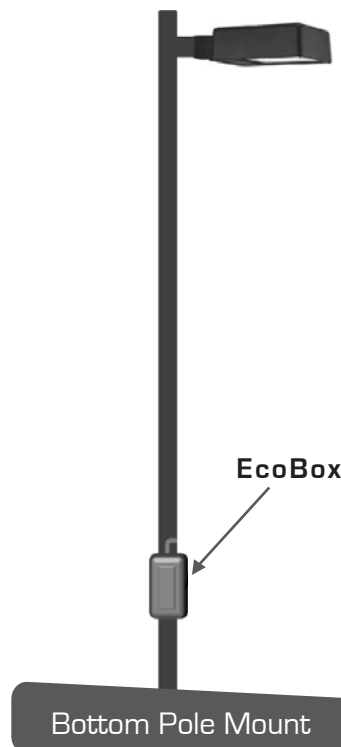
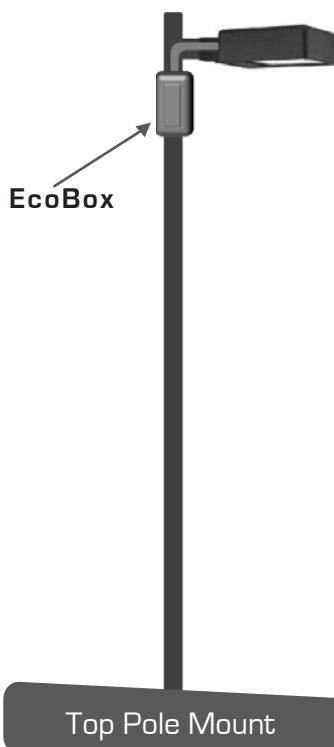


Metrolight Smart EcoBOX Pole Mount Installation Guide



Three Mounting Alternatives



General Notes

- The installation should only be undertaken by a qualified electrician in accordance with the National Electrical Code, applicable local codes and ordinances.
- As a general guideline, please refer to the Metrolight Smart Electronic Ballasts Installation Guide model 175W-450W
- Please prepare all seal tight connections and wiring before mounting the EcoBOX to the pole.

Required Items

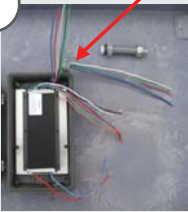
- Seal-tight flexible liquidtight tubing
- Liquidtight 90° fitting
- Liquidtight straight fitting
- Five (5) wires of 12 Sol/Strand THHN (White, Black, Green, Blue, Red) - For extension purposes
- Two (2) drill screws 12 - 14 x 1 - 1/2 M5.5 x 38.1
- Two (2) fender washers 1/4 x 1 - 1/4 / M6.3 x 31.7


Installation Instructions


1  Open the EcoBOX and take out the accessories package. Check the item list.

- 2 hook connectors
- 2 mounting screws
- 2 gaskets (not always included)

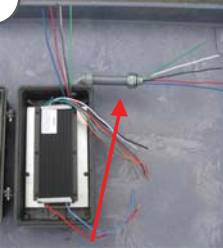
2  Attach two mounting tabs to the box using the two mounting screws. For safety reasons **ensure that the two screws are tightened properly.**

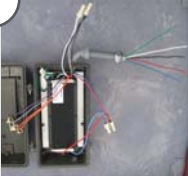
3  Open the coin plug. Attach the Liquidtight 90° Fitting to the box. Run the five wires through the fitting.


4  Connect 9 inch green ground wire by removing 1 inch of the insulation around one end of the wire and ½ inch on the other end, bending the 1 inch of exposed copper and screwing it to the base of the EcoBOX as shown in the picture.


5  Connect and cap the three ground wires:


1. ½ inch exposed copper of the 9 inch green wire
2. Green wire from the ballast
3. Green wire from the 5 wires that came through the liquidtight 90° fitting


6  Cut the liquidtight tubing to fit between the EcoBOX and fixture. Fit it to the liquidtight 90° fitting and run the five wires through the tubing.


7  Individually connect and cap the four remaining wires from the liquidtight 90° fitting with their corresponding color wire from the ballast.

8  Seal the EcoBOX by tightening the two lid screws.


9  Drill a hole in the fixture in line with the liquidtight tubing.

10  Run the wires through the drilled hole on the fixture and connect the liquidtight tubing with the liquidtight straight fitting to the fixture.

11  Mount the EcoBOX to the pole using self drilling screws and fender washers.

12  Open fixture cover and confirm that socket is rated to at least 4KV and it is Pulse Start rated, if not, please install 4KV Pulse Start rated socket.

13  Connect the Red & Blue wires to the Black & White wires of the socket and the three remaining wires (Green, White and Black) to the mains.

14  Install the approved Pulse Start lamp, close the fixture and provide power.

Cat#: EcoBOXPoleMountRev.24July12