

Catalog Number • Numéro de Catalogue • Número de Catálogo: MB-2

Country of Origin: Made in China • Pays d'origine: Fabriqué en Chine • País de origen: Hecho en China

DESCRIPTION

The **MB-2 Reflector Bell Sensor Bracket** allows an occupancy sensor to be mounted to an HID fixture that has a **metal reflector bell** (without a lens cover).

The bracket has an adjustable mounting plate with wire holes and screw holes to allow use with many Wattstopper sensors. Mounting screws are provided for Wattstopper **CI Sensors**.

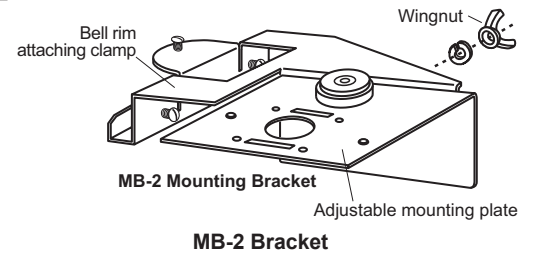
A 30 inch extension wire is provided to connect the **HB**, **CX**, or **CI** or sensors to a **DM-100 HID Bi-Level Control Module**. A bubble level on the mounting plate is used for initial leveling. Preset locking positions allow for precise angle adjustments, if any (horizontally, 33° from horizontal; vertically, 12° from vertical). Refer to the Installation Instructions for the sensor used.

Three clamping screws secure the bracket to the reflector rim.

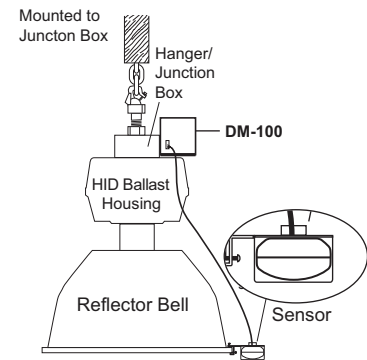
INSTALLATION

- For **CX** or **CI** sensors—attach the included extension wire:
 - On **CX** sensors, first remove the mounting post bracket by rotating clockwise, then disassemble the sensor housing to reach the existing wire-plug (see the sensor's installation instructions). Pull out the existing wire-plug and plug in the extension wire.
 - On **CI** sensors, pull out the existing wire-plug and plug in the included extension wire.

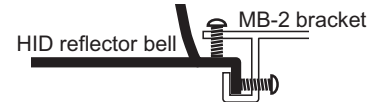
NOTE: If the DM-100 is mounted separately from the fixture, the sensor's wires may need to be spliced and extended as necessary.
- Attach sensor to the mounting plate:
 - Thread the wires from the sensor through the appropriate hole in the mounting plate so that the wires will not be crimped or pinched when the sensor is attached.
 - CX** sensors: Line up the screw holes on the mounting plate with the dimples on the back of the sensor and attach the sensor with the 1/4" self-tapping screws provided with the sensor (this avoids potential damage to internal components).
 - CI** and **HB** sensors: Line up the screw holes on the MB-2 with the screw holes on the outside rim of the sensor, and attach the sensor with the provided long-screws.
 - Sensors that use the 1/2" **threaded post** for mounting: Insert the mounting post through the large hole in the mounting plate, and secure it with the post's nut.
- Adjust the mounting plate to the **horizontal preset position (0°)**: Loosen the wingnut, adjust the plate, then re-tighten the wingnut.
- Secure the MB-2 bracket to the reflector bell with the three clamping screws (see Bell Rim Attachment, right).
- When the HID fixture is rehung, use the bubble level and adjust the three clamping screws as needed to **level the bracket**.
- If a different preset locking angle for the sensor is desired, (see the Installation Instructions for the sensor used), adjust the plate as in step 3, above.



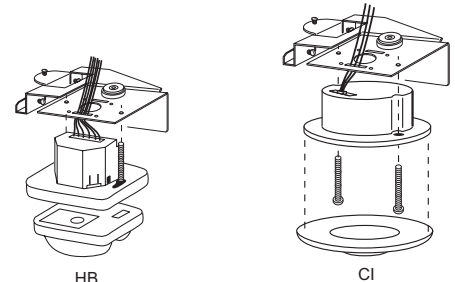
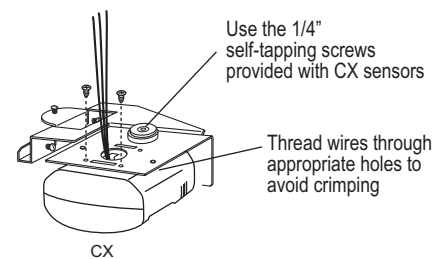
Mounting Location: HID Fixture



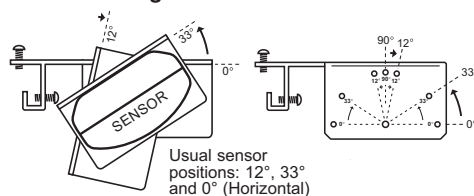
Bell Rim Attachment



Sensor Attachment Examples



Mounting Plate Preset Locking Positions



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