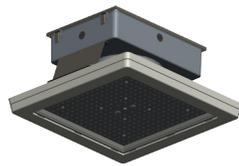


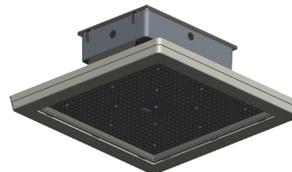
MASI™ INSTALLATION INSTRUCTIONS

RAB
LIGHTING

Thank you for buying RAB lighting fixtures. Our goal is to design the best quality products to get the job done right. We'd like to hear your comments. Call the Marketing Department at 888-RAB-1000 or email: marketing@rabweb.com



MASI - 16 IN



MASI - 20 IN

IMPORTANT

READ CAREFULLY BEFORE INSTALLING FIXTURE. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.

Fixtures must be wired in accordance with the National Electrical Code and all applicable local codes. Proper grounding is required for safety. 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.

WARNING: Make certain power is OFF before installing or maintaining fixture. No user serviceable parts inside.

CAUTION:

- For proper weatherproof function all gaskets must be seated properly and all screws and plugs inserted and tightened firmly.
- **ONLY INSTALL FIXTURE WITH LENS FACING DOWNWARD.**
- Above Canopy Deck should be clear of obstructions.
- CANOPY DECK SHOULD BE STURDY AND STRUCTURALLY SOUND TO ACCEPT LUMINAIRES. 16IN MASI FIXTURE WEIGHS 27LBS AND 20 INCH MASI FIXTURE WEIGHS 34LBS.
- **FIXTURE CAN ONLY BE INSTALLED ONLY IN A CANOPY WITH 1/2IN THICKNESS OR LESS.**
- **SUITABLE FOR INSTALLATION IN ACCESSIBLE CEILINGS ONLY.**

SINGLE DECK CANOPY MOUNTING

THE FIXTURE CAN ONLY BE INSTALLED IN A CANOPY WITH THICKNESS 1/2 INCH OR LESS. ABOVE ACCESS TO CANOPY REQUIRED.

To mount in a single deck canopy with a 4 inch diameter hole at center of **Canopy Deck**, follow the steps below.

1. Install **Housing** from below at the center of standard steel **Canopy Deck** as in **Fig. 1**.
2. Feed housing leads through center of **Canopy Deck**. Push **Housing** and **Spring Bracket** compresses, then snaps back on other side to support **Housing**.
3. Unlatch and open **Driver Box** and align over the **Housing** from above **Canopy Deck** as in **Fig. 2**. Pull housing leads into **Driver Box**. Be careful not to pinch wires.
WARNING: To prevent wiring damage or abrasion, do not expose wiring to edges of sharp objects.
4. **Driver Box** can be mounted and secured every 180 degrees to match **Housing**. **Driver Box** and **Housing** can be rotated to any direction desired.
5. Secure **Driver Box** on **Housing** by tightening **Bolts (2)** along with **Lockwashers (2)** as in **Fig. 3**. Apply torque of 120-130 in.lbf (13.56-14.69 N.m). Be sure gasket is in place.
6. **Stiffener Brackets (2)** prevents sagging of **Canopy Deck**.
7. Feed supply wires through one of the **Plugs (4)** to make electrical splices in **Driver Box**. Use appropriate UL approved wire connectors as required by code to complete wiring.
8. Re-Latch the **Driver Box Cover**. Check gasket is fully sealed.

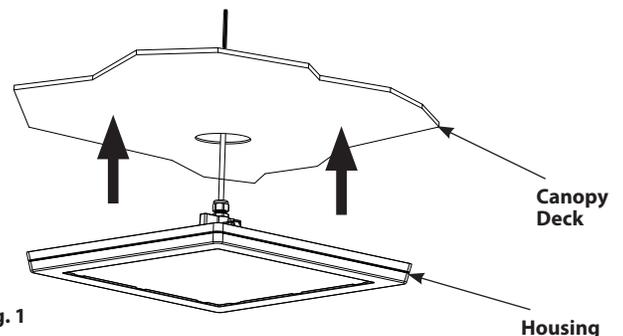


Fig. 1

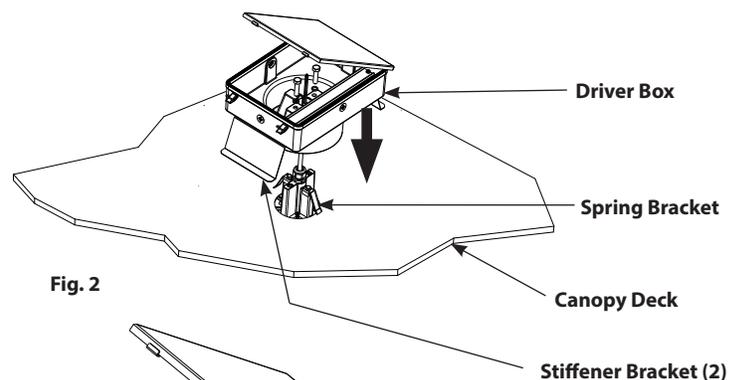


Fig. 2

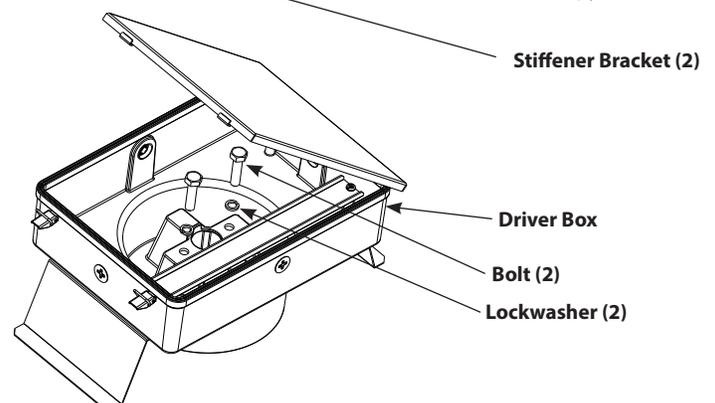


Fig. 3

MASI™ INSTALLATION INSTRUCTIONS

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ON-OFF WIRING

Units ordered with (/480) permits operation at 480V, 50 or 60 Hz. For Non-Dimming, follow the wiring directions in **Fig. 4**.

1. Connect the black fixture lead to the LINE supply lead.
2. Connect the white fixture lead to the COMMON supply lead.
3. Connect the GROUND wire from fixture to supply ground.

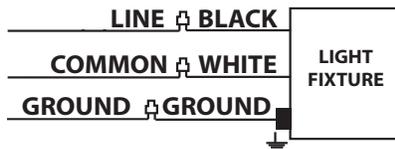


Fig. 4

0-10V DIMMABLE WIRING

Universal voltage driver permits operation at 120V thru 277V, 50 or 60 Hz. For 0-10V Dimming, follow the wiring directions in **Fig. 5**.

1. Connect the black fixture lead to the LINE supply lead.
2. Connect the white fixture lead to the COMMON supply lead.
3. Connect the GROUND wire from fixture to supply ground. Do NOT connect the GROUND of the dimming fixture to the output.
4. Connect the purple fixture lead to the (V+) DIM lead.
5. Connect the gray fixture lead to the (V-) DIM lead.
6. Cap the yellow fixture lead, if present. Do NOT connect.

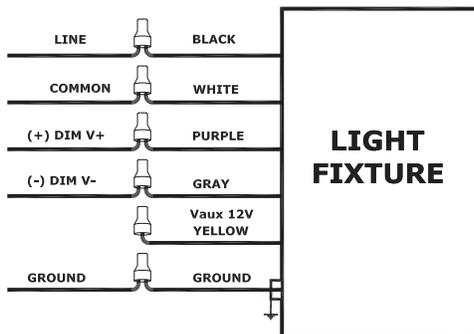


Fig. 5

Note: These instructions do not cover all details or variations in equipment nor do they provide for every possible situation during installation operation or maintenance.

ACCESSORIES

Galvanized Steel Retroplate: **MASI RETROPLATE**

TROUBLESHOOTING

1. Check that the line voltage at the fixture is correct. Refer to wiring directions.
2. Be sure the fixture is grounded properly.

CLEANING & MAINTENANCE

CAUTION: Be sure fixture temperature is cool enough to touch. Do not clean or maintain while fixture is energized.

1. Clean glass lens with non-abrasive cleaning solution.
2. Do not open the fixture to clean the LEDs. Do not touch the LEDs.