

Installation Instructions

NMIO / NMHIOIC Series

Iolite Multiple

READ PRIOR TO ATTEMPTING INSTALLATION
ALWAYS TURN OFF MAIN POWER BEFORE INSTALLATION
INSTALLATION SHOULD BE CARRIED OUT BY YOUR LOCAL ELECTRICIAN

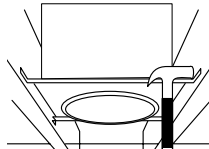
⚠ IMPORTANT - This equipment is intended to be installed only by qualified personnel. The installation must be made in accordance with the current edition of the National Electrical Code and all applicable state and local building codes. The final installation must be approved by the appropriate, qualified electrical/building inspector(s). Improper installation may result in a fire or electrical hazard. Be sure the electrical power to the circuit has been disconnected before installing this electrical system.

⚠ IMPORTANT - Cet équipement est destiné à être installé uniquement par du personnel qualifié. L'installation doit être faite conformément à l'édition actuelle du Code national de l'électricité et à tous les codes de construction locaux et nationaux applicables. L'installation finale doit être approuvée par un ou plusieurs inspecteurs qualifiés en électricité / bâtiment. Une installation incorrecte peut entraîner un incendie ou un risque électrique. Assurez-vous que l'alimentation électrique du circuit a été déconnectée avant d'installer ce système électrique.

HOUSING INSTALLATION:

STANDARD "JOIST" CEILINGS:

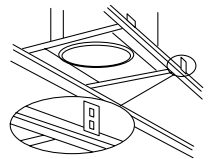
1. Loosen the screws provided on the side of the housing to extend the hanger bars to the desired length.
2. Align the bottom of the hanger bars to the bottom of the ceiling joists.
3. Secure one side of the hanger bars to the ceiling joist by hammering the nail on the hanger bars.
4. Hold and level the housing before securing the other end of the hanger bars by nail.
5. Adjust the position of the housing by moving the housing horizontally across the hanger bars.
6. Finalize the housing position and lock the hanger bars by tightening the screws on the side of the housing



HOUSING INSTALLATION:

T-BAR CEILINGS:

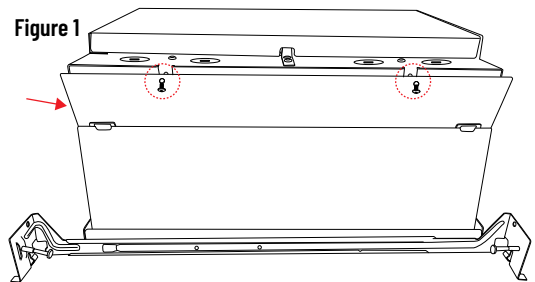
1. If mounting to a T-Bar type ceiling, mount fixture onto grid by placing notches on the bottom of each end of the bar hanger over the grid.
 2. Tie fixture to grid with structural wire going through both the circular knockout on the end of the bar hanger and nearest accompanying knockout on the ceiling grid.
- NOTE:** It is imperative to tie down the fixture to prevent the fixture from being pushed above the ceiling during trim installation.



JUNCTION BOX WIRING:

1. Turn the power off.
2. Remove appropriate knockout.
3. Remove junction box cover by loosening two screws. (Figure 1)
4. Connect housing to line leads with White to neutral, Black to live, Green to ground, Purple for 0-10V dim (+), Grey for 0-10V dim (-).
 - a. **⚠ WARNING:** If using wall wash trims, junction box is limited to 4 No. 12AWG through branch circuit conductors.
 - b. **⚠ WARNING:** Do not route 0-10V wires and line leads together. May cause dimming issues.
5. If 0-10V dimming wires are not in use, cap off grey and purple wires SEPARATELY.
6. Safely tuck all wires and reinstall junction box cover.

Figure 1



DRYWALL INSTALLATION:

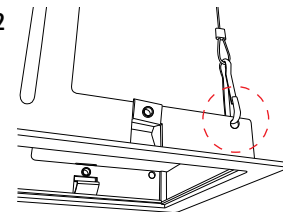
1. Refer to the table for drywall cut out.
2. Cut the drywall according to correct dimensions.

NUMBER OF HEADS	DIMENSIONS
NMHIOIC-11 (One Head)	3.95 in x 3.95 in
NMHIOIC-12 (Two Heads)	7.5 in x 3.95 in
NMHIOIC-13 (Three Heads)	11 in x 3.95 in

FACE PLATE INSTALLATION:

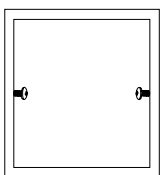
1. Locate safety clip inside of housing and attach to face plate. (Figure 2)
2. Insert face plate into housing and tighten screws with allen wrench (not included). (Figure 3)

Figure 2

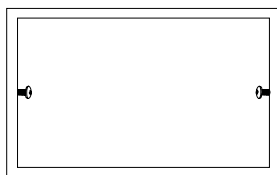


Attach safety clip.

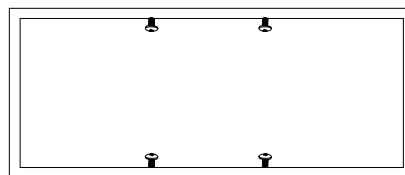
Figure 3



One Head = Two Hex Screws



Two Head = Two Hex Screws



Three Head = Four Hex Screws

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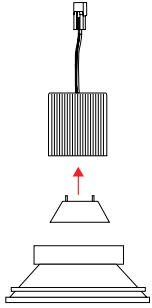
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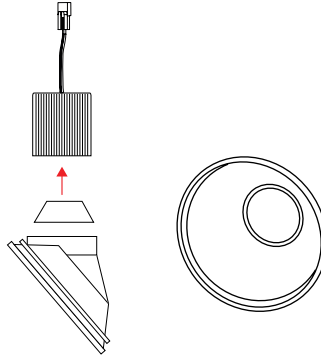
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MODULE AND TRIM INSTALLATION:

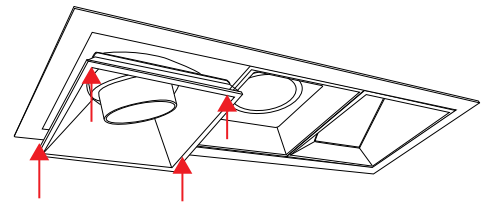
1. Turn the power off.
2. Remove clear film from LED module lens.
3. Screw in LED module into trim.
4. If using wall wash trim (NMIO-W), replace silver reflector with white optic plastic reflector provided. Repeat step 3.
5. **⚠ WARNING: DO NOT USE SILVER REFLECTOR WITH NMIO-W.**
6. Connect LED module to the appropriate housing orange connector. Ensure wires are straight and not crossing.
7. Insert trim into face plate, snap to secure.
7. Ensure all wiring is correct before powering on.



Adjustable / Fixed Trim - Silver Reflector



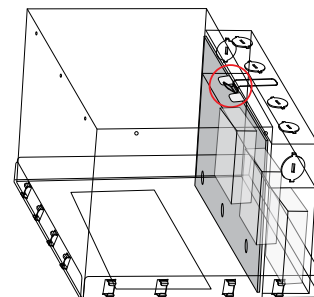
Wall Wash - White Optic



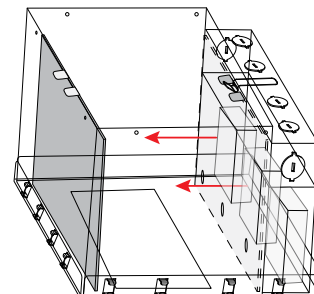
Push trim upwards to snap to the face plate.

DRIVER MAINTENANCE:

1. Turn the power off.
2. Remove trims from face plate.
3. Remove face plate by loosening up hex screws. (Figure 3 / Page 1)
4. Loosen thumb screw at driver cover and push spring clip to remove driver cover.
5. Conduct maintenance to appropriate driver(s).
6. Reinstall driver cover and tighten thumb screw.
7. Repeat "Face Plate" and "Module and Trim" installation steps.



Push spring clip upwards to remove driver cover



Place driver cover on the opposite end of the housing