



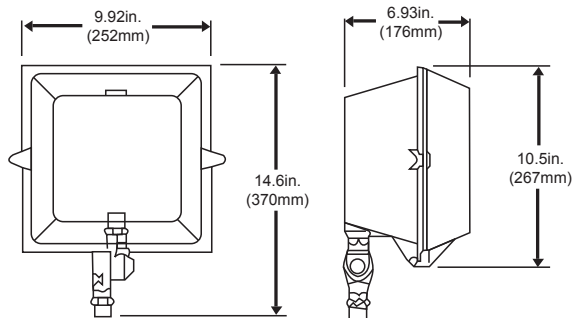
HID Flood Light - FL Series

INSTALLATION INSTRUCTIONS

Model: FL150MH, FL175MH,
FL150MHT & FL175MHT

**FOR OUTDOOR USE ONLY
NOT FOR USE IN HAZARDOUS
ATMOSPHERES**

**IMPORTANT: Read instruction sheet
carefully before installing fixture. Retain
instructions for future reference.**



ELECTRICAL REQUIREMENTS

A qualified electrician should complete all required wiring. Models FL150MH & FL175MH will accept 120, 208, 240 or 277 Volts AC. Models FL150MHT & FL175MHT will accept 120, 277 or 347 Volts AC. Fixtures must be properly grounded for safety. A mounting suitable for outdoor use and rated for wet locations is required. Follow all applicable electrical codes and regulations.

⚠ WARNING

Please see below for list of warnings.

⚠ WARNING Electric shock hazard

Disconnect power at circuit breaker or fuse box before installing or servicing light.

⚠ WARNING Fire hazard

USE MIN 60°C SUPPLY CONDUCTORS. CONNECT TO SUPPLY IN EXTERNAL JUNCTION BOX ONLY.

Lamp and housing become very hot during use. Ensure free air circulation around unit to dissipate heat. Avoid enclosed locations and locations where flammable debris (leaves, cut grass, etc.) might collect. Avoid locations where humans or animals might accidentally touch fixture.

⚠ WARNING Explosion hazard

Never operate light without securing the lens door. When light is operating, the gas in the lamp inner arc tube is at high pressure. Never operate light if the fixture lens or outer glass envelope of the lamp is broken or missing.

⚠ WARNING Explosion hazard

Wear safety glasses and gloves when handling lamp. Metal Halide outer envelope is pressurized and could explode if broken.

⚠ WARNING UV hazard (Metal Halide Lamps Only)

The type of lamp used in this fixture can cause serious skin burn and eye inflammation from short wave ultra violet radiation if outer envelope of the lamp is broken or punctured, and the arc tube continues to operate. Do not use where people will remain for more than a few minutes. Certain types of lamps that will automatically extinguish when the outer envelope is broken or punctured are commercially available.

Lamp Types:

Metal Halide 150 Watt & 175 Watt

Metal Halide 150 Watt & 175 Watt with Tri-Tap

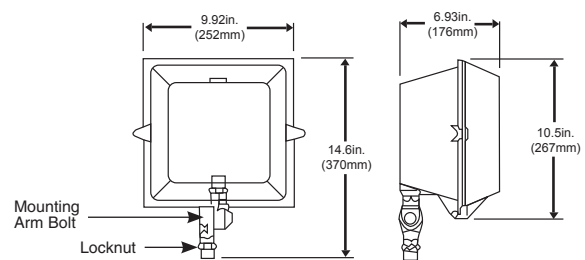


Figure 1

MOUNTING & WIRING

1. Screw the threaded mounting arm of the fixture into 1/2" NPS mounting hole on mounting device.
2. Using provided twist on or other approved connectors, connect the fixture wires to the supply wires as follows: (See Figure 3 or Figure 4)
 - a. Identify supply voltage.
 - b. Open lens door and remove reflector.

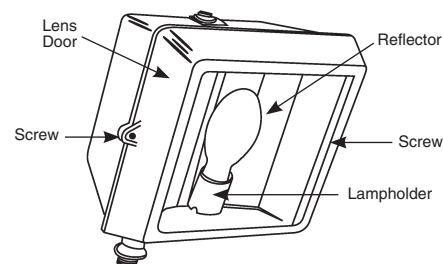
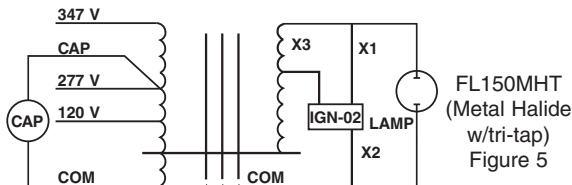
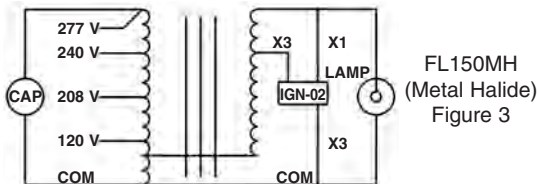


Figure 2 (Install with Lamp vertical)

MOUNTING & WIRING (continued)

- c. Select appropriate fixture wire to match incoming voltage. Models FL150MH & FL175MH are shipped with 277 V wire ready for connections. Models FL150MHT & FL175MHT are shipped with 347 V wire ready for connections. If supply voltage is lower, cap wire marked 277 V (or 347 V for tri-tap models) with appropriate twist on wire connector and strip fixture wire marked with matching voltage.
 - d. Confirm unused voltage fixture wires are appropriately capped within fixture body.
 - e. Feed the matching voltage fixture wire through the mounting arm.
 - f. Replace and secure reflector in the same orientation as shown in Figure 2.
 - g. Close and secure lens door to prevent damage while wiring fixture to mounting.
 - h. Connect the fixture wire matching the incoming voltage to the black (hot) supply wire.
 - i. Connect the fixture wire marked COM to the white (neutral) supply wire.
 - j. Connect the Green (fixture ground) wire to the supply grounding wire.
3. Make sure that all wires and connections are inside the mounting wiring compartment and that the cover is properly sealed to keep moisture out.
 4. Open lens door. Screw lamp into socket in lampholder until finger-tight.
 5. Close lens door, making sure that gasket is in place and compressed to seal out moisture. To weatherproof fixture, seal all holes in housing (mounting conduit, plugs, photocontrols, etc.) with silicone sealant.
 6. To operate, restore power to the circuit and switch light on.



⚠ CAUTION (Metal Halide Lamps Only)

Do not use lamp beyond manufactures rated life to reduce chance of lamp rupture. Turn lamp off at least once for 15 minutes per week to reduce chance of lamp rupture.

AIMING FIXTURE

⚠ WARNING Electric shock hazard.

Do not turn mounting arm more than 360° after wires are connected. Excessive twisting of wires may loosen connections.

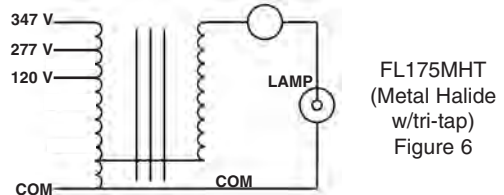
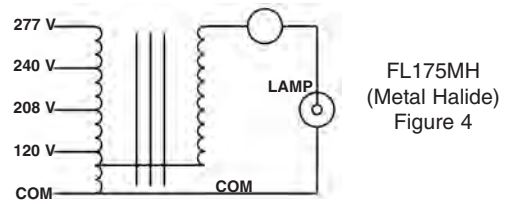
1. Turn off power at circuit breaker or fuse box. Rotate mounting arm until light is pointing in the desired direction. Tighten locknut to secure.
2. Loosen mounting arm bolt (do not remove) and tip fixture to desired angle. Retighten bolt to secure.
3. Turn power on and check aim. If adjustment is needed, turn power OFF at circuit breaker or fuse box and allow fixture to cool before adjusting

LAMP REPLACEMENT

⚠ CAUTION

Use lamp of correct type and wattage as specified on fixture.

1. Turn off power at circuit breaker or fuse box. Allow fixture and lamp to cool.
2. Release retaining clip and swing hinged fixture lens door open. Remove old lamp and replace with new lamp of correct type and wattage. Screw lamp into socket in lampholder until finger-tight.
3. Close and secure lens door, making sure that gasket is properly seated, free of debris, and compressed to seal out moisture.
4. Turn power back on.
5. Properly dispose of lamp per manufacturer's recommendations.



LIMITED 1 YEAR WARRANTY

If within one (1) year from the date of purchase, this product fails due to a defect in material or workmanship, Intermatic Incorporated will repair or replace it, at its sole option, free of charge. This warranty is extended to the original purchaser only and is not transferable. This warranty does not apply to: (a) damage to units caused by accident, dropping or abuse in handling, acts of God or any negligent use; (b) units which have been subject to unauthorized repair, opened, taken apart or otherwise modified; (c) units not used in accordance with instructions; (d) damages exceeding the cost of the product; (e) sealed lamps and/or lamp bulbs; (f) the finish on any portion of the product, such as surface and/or weathering, as this is considered normal wear and tear; (g) transit damage, initial installation costs, removal costs, or reinstallation costs. INTERMATIC INCORPORATED WILL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. THIS WARRANTY IS IN LIEU OF ALL OTHER EXPRESS OR IMPLIED WARRANTIES. ALL IMPLIED WARRANTIES, INCLUDING THE WARRANTY OF MERCHANTABILITY AND THE WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY MODIFIED TO EXIST ONLY AS CONTAINED IN THIS LIMITED WARRANTY, AND SHALL BE OF THE SAME DURATION AS THE WARRANTY PERIOD STATED ABOVE. SOME STATES DO NOT ALLOW LIMITATIONS ON THE DURATION OF AN IMPLIED WARRANTY, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

This warranty service is available by either (a) returning the product to the dealer from whom the unit was purchased, or (b) mailing the product, along with proof of purchase, postage prepaid to the authorized service center listed below. This warranty is made by: Intermatic Incorporated/After Sales Service/7777 Winn Rd., Spring Grove, Illinois 60081-9698/815-675-7000 <http://www.intermatic.com> Please be sure to wrap the product securely to avoid shipping damage.

THESE INSTRUCTIONS DO NOT COVER ALL VARIATIONS IN EQUIPMENT, NOR DO THEY PROVIDE FOR ALL SITUATIONS RELATED TO FIXTURE INSTALLATION, OPERATION OR MAINTENANCE. FOR FURTHER INFORMATION CONTACT YOUR DISTRIBUTOR OR INTERMATIC INCORPORATED - SPRING GROVE, ILLINOIS 60081 (815) 675-7000 www.intermatic.com