



HID Flood Light - FLL Series

INSTALLATION INSTRUCTIONS

SUITABLE FOR WET LOCATIONS

SAVE THESE INSTRUCTIONS

ELECTRICAL REQUIREMENTS

A qualified electrician should complete all required wiring. Fixtures must be properly grounded for safety. Follow all applicable electrical and building codes.

WARNING

Electric shock hazard

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

Fire hazard

- USE MIN 90°C SUPPLY CONDUCTORS. 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.

Lamp 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.
- Wear safety glasses and gloves when handling lamp, High Pressure Sodium outer envelope is under vacuum and could implode. Metal Halide outer envelope is pressurized and could explode if broken.

UV hazard (Metal Halide Lamps Only)

- Metal Halide lamps 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.

CAUTION

(Metal Halide Lamps Only)

- Do not use lamp beyond manufacture's rated life.
- Turn lamp off at least once for 15 minutes per week to reduce chance of lamp rupture.
- Use lamp of correct type and wattage as specified on fixture.

LIMITED ONE YEAR WARRANTY

If within the warranty period specified, 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, LED's and batteries; (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) completing a warranty claim on line at www.intermatic.com. This warranty is made by: Intermatic Incorporated, Customer Service 7777 Winn Rd. Spring Grove, Illinois 60081-9698. For warranty service go to: <http://www.intermatic.com> or call 815-675-7000.

MOUNTING & WIRING

1. Disconnect power before installing.
2. Loosen screws and open Lens cover. Remove lens cover and set aside to prevent damage during installation of fixture.
3. Loosen screws and remove reflector/lampholder assembly.
4. Identify supply voltage.
5. Select appropriate fixture wire to match incoming voltage. Models are shipped with 277 V wire ready for connection. If supply voltage is lower, cap wire marked 277V (or 347 V for tri-tap models) with appropriate twist on wire connector and strip fixture wire marked with matching voltage (see Figure 2 through Figure 5)
6. Using provided twist on or other approved connectors, connect the fixture wires to the 3-wire cord.
 - a. Connect the selected voltage fixture wire to the Black (hot) cord wire.
 - b. Connect the white fixture wire marked "COM" to the White (neutral) cord wire.
 - c. Connect the Green (equipment ground) cord wire to the fixture ground screw.
7. Confirm all unused fixture wires are capped.
8. Replace and secure reflector/lampholder assembly with screws.
9. Screw lamp into lampholder until finger-tight.
10. Install, close, and secure lens cover with screws, making sure that gasket is properly seated, free of debris, and compressed to seal out moisture. To weatherproof fixture, seal all holes in housing (mounting conduit, plugs, photocontrols, etc.) with silicone sealant.
11. To operate, restore power to the circuit and switch light on.

LAMP REPLACEMENT

1. Turn off power at circuit breaker or fuse box. Allow fixture and lamp to cool.
2. Loosen screws and remove fixture lens cover. Wear gloves and safety glasses. Remove old lamp and replace with new lamp of correct type and wattage. Screw lamp into socket in lampholder until finger tight.
3. Replace fixture lens cover with screws, 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 and all applicable regulations.

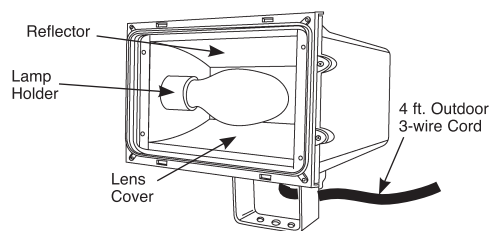
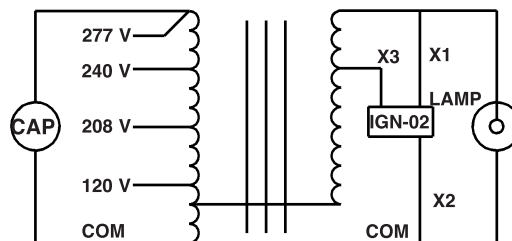
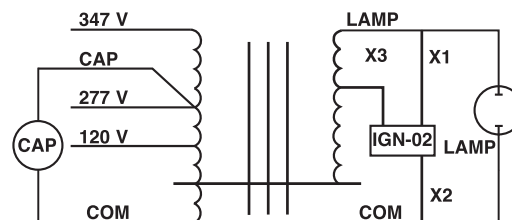


Figure 1 (Mount Fixture horizontally)



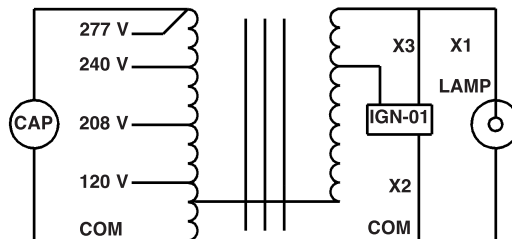
(Metal Halide w/ Quad - Tap)

Figure 2



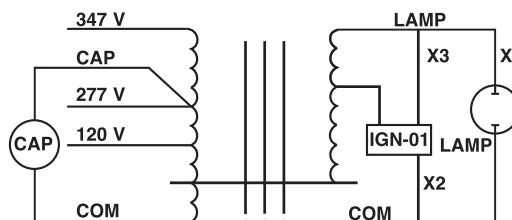
(Metal Halide w/tri-tap)

Figure 3



(High Pressure Sodium w/ Quad - Tap)

Figure 4



(High Pressure Sodium w/tri-tap)

Figure 5