



HID Flood Light - FLS 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. Secure the fixture to the outdoor junction box cover.
2. Secure the junction box cover with fixture to the junction box, making sure all the wires are contained inside the junction box and the cover is properly seated to prevent entrance of moisture.
3. Rotate fixture in horizontal plane to desired area to be illuminated. Secure in position with locknut.
4. Set vertical aiming by loosening bolt. Aim fixture at desired angle and securely re-tighten bolt. (Figure 1)
5. Select appropriate fixture wire to match incoming voltage. All fixtures are shipped with 277V wire ready for connection. If supply voltage is lower, cap wire marked 277V with appropriate twist on wire connector and strip fixture wire marked with matching voltage. (See Figure 2 through Figure 5)
6. Feed the matching voltage fixture wire, fixture wire marked "COM", and fixture grounding wire through ground out of the fixture.
7. Confirm all unused voltage fixture wires are appropriately capped within fixture body.
8. Using provided twist on or other approved connectors, connect the fixture wires to the supply wires.
 - a. Connect the selected voltage fixture wire to the Black (hot) supply wire.
 - b. Connect the white fixture wire marked "COM" to the White (neutral) supply wire.
 - c. Connect the Green (fixture ground) cord wire to the supply grounding wire.

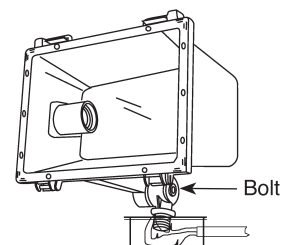
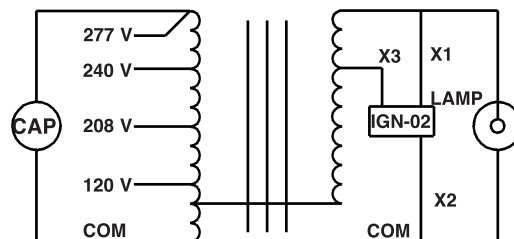
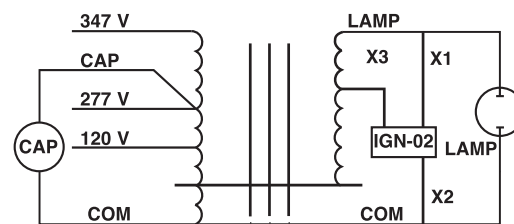


Figure 1



(Metal Halide w/ Quad - Tap)

Figure 2

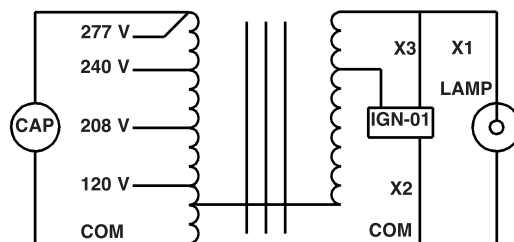


(Metal Halide w/tri-tap)

Figure 3

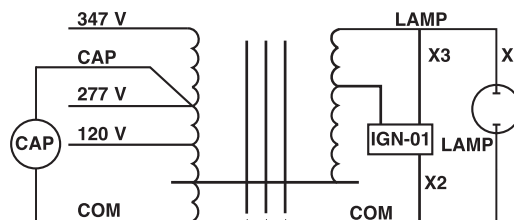
LAMP REPLACEMENT

1. Turn off power at circuit breaker or fuse box. Allow fixture and lamp to cool.
2. Loosen screws 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 and all applicable regulations.



(High Pressure Sodium w/ Quad - Tap)

Figure 4



(High Pressure Sodium w/tri-tap)

Figure 5