



INTERMATIC®

HID Dusk - To - Dawn DD Series

INSTALLATION INSTRUCTIONS

DD150HPS 150 Watt High Pressure Sodium

DD100MH 100 Watt Metal Halide



**DD150HPS
DD100MH**

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

This fixture is for use with 120V AC only and must be properly grounded for safety. A mounting suitable for outdoor use is required. Fixture is approved for mounting in "UL Wet Locations" (Install a minimum of 1.2 m (4 ft) off the ground).



WARNING Electric Shock and Fire Hazard

This fixture is designed to be installed by a qualified electrician. All electrical components, connections, boxes etc., to be installed in accordance with the National Electrical Code and any other applicable regulations.



WARNING Electric Shock Hazard

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



WARNING Electric Shock and Fire Hazard

FOR SUPPLY CONNECTION IN EXTERNAL JUNCTION BOX USE MINIMUM 90°C CONDUCTORS.

FOR CONNECTIONS MADE INSIDE FIXTURE USE MINIMUM 125°C CONDUCTORS.

Lamp housing becomes 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 Fire, Burn and Explosion Hazard

Wear safety glasses and gloves when handling lamp. Outer envelope of lamp could explode.

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.



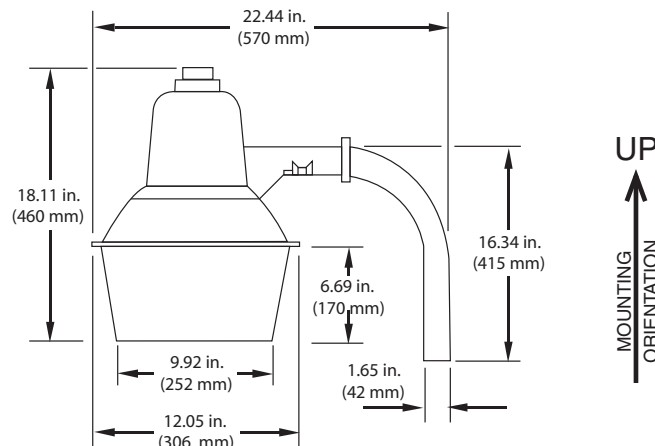
CAUTION UV Hazard (Metal Halide Lamps Only)

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. Replace damaged lamp immediately. Use only type O lamps. Certain types of lamps that will automatically extinguish when the outer envelope is broken or punctured are commercially available.



CAUTION

This product contains chemicals known to the state of California to cause cancer, birth defects, and/or other reproductive harm. Thoroughly wash hands after installing, handling, cleaning or otherwise touching this product.



DD150HPS, DD100MH

MOUNTING & WIRING

1. Disconnect power before installing.
2. Attach the two piece mounting brackets to the extension arm by interlocking the bracket and securing with the bolt and hex nut provided, leaving approximately one inch of the extension arm protruding out of the bottom of the bracket. (See Figure 1)
3. Place the extension arm assembly onto the desired mounting surface and mark the four hole locations required for mounting. Remove the arm assembly and drill the four marked locations for lag bolts.

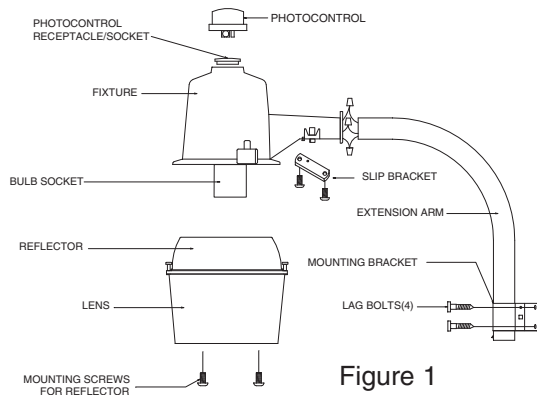
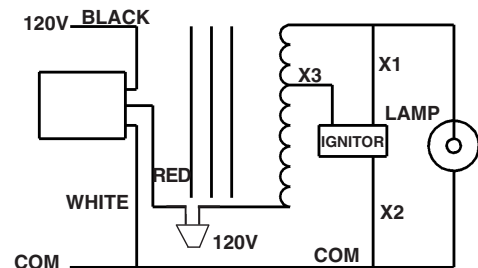


Figure 1



DD150HPS
DD100MH
Figure 2

MOUNTING & WIRING (continued)

4. Mount the extension arm assembly securely using the hex head lag bolts provided or other suitable method. (See Figure 1)
5. Feed supply wire through the extension arm. Provide approved NEC connection between conduit and extension arm.
6. Loosen bolts attaching slip bracket to fixture. Slide fixture onto extension arm. Extension arm should go past slip bracket 1 inch minimum. (See Figure 1)
7. Using provided twist on or other approved connectors, connect the fixture wires to the supply wires as follows. (See Figure 2)
 - a. Connect the Black fixture wire to the Black (hot) supply wire.
 - b. Connect the White fixture wire to the White (neutral) supply wire.
 - c. Connect the supply grounding wire to the fixture by hooking it around the green grounding screw between the brass washer and screw head. Tighten the screw securely.
 - d. Insert all connections into extension arm.
8. Fasten the reflector to the fixture with two screws and lockwashers. Secure lens to the reflector with three screws. (See Figure 1)
9. Insert the photocontrol into the photocontrol receptacle/socket on top of the fixture by aligning the prongs. (See Figure 1) Push down on photocontrol and twist clockwise to lock. PHOTOCONTROL MUST BE LOCKED IN!
10. The arrow on top of control should be pointed away from the mounting surface and away from sources of bright light. Arrow should point as close to north as possible.
 - a. If it is not, remove the photocontrol and reposition the socket on the top of the fixture by loosening the screw in the center of the socket. Do not remove the screw.
 - b. Rotate socket to new position and retighten screw. Do not rotate over 360 degrees.
11. Screw lamp into socket in lamp holder until finger tight.
12. To operate, restore power to the circuit and switch light on.

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. 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. Turn power back on.
4. Properly dispose of lamp per manufacturer's recommendations and all applicable regulations.

TO TEST THE PHOTOCONTROL DURING DAYLIGHT, turn on the power (light will come on). Then wait up to 5 minutes for photocontrol to switch light off.

For further testing, cover the photocontrol lens completely with black tape or another dark material to simulate night conditions. Wait up to 5 minutes for photocontrol to turn light on, remove tape after testing.

TROUBLE SHOOTING

IF LIGHT DOES NOT WORK: Check your Power Source.
Check to Insure Proper Seating of Lamp.

Check Electrical Connections.
Check if Lamp is Burned Out.
Check Photocontrol Operation

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 household 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 online 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.