

Illuminator Troubleshooting

NOTE: If any disassembly of unit is needed, unplug unit before disassembling. Any troubleshooting not listed below should be done by a trained electrician or warranty could be voided. After following each step, if unit will still not operate properly, contact us at (210) 590-5196.

Unit will not operate:

Allow five (5) minutes for lamp to reach full intensity (150w HID units).

Make sure illuminator is plugged into a live, 110V outlet.

Make sure the power switch is in the ON position (or, in the case of the internal wireless remote, in the OFF position).

Check for any obstructions in the fan.

Turn power OFF, and then back ON.

Lamp turns itself on and off:

Check for any obstruction in the fan.

Lamp will not light, but the fan is on:

Allow five (5) minutes for lamp to reach full intensity (150w HID units). For the halogen units, make sure the MR16 pins are inserted all the way into the ceramic connection

Unit works but does not change color:

Make sure the color wheel switch is in the ON position (or, in the case of the internal wireless remote, in the OFF position).

Check for color wheel obstructions.

Check and see if the color wheel nut is tight.

Check to see if fiber head (harness) fibers are touching the color wheel.

Intensity dims over period of time:

Remove fiber head (harness) and inspect fibers for a flush cut at the end of the fiber head.

Make sure glass filter and color wheel are clean (see Maintenance).

Check to see if fiber head is inserted all the way into the mounting plate.

Check to see if fan is working properly.

Make sure fiber cable exits straight out of the light source without excessive bending.

Check fibers for melting or discoloring in the end of the fiber head. (Typical cause: improper ventilation)

Unit melts fiber at the fiber head:

Check location of light source for proper ventilation requirements.

Check if fan is working properly.

Check for obstructions at air vents.

Check for contaminants of top of the fiber head.

Verify all jackets and mylar were properly removed.

Verify fiber is flush or slightly raised (1/8") to end of fiber head.

Verify that the cutting ring was used when hot knifing the fiber.

Water is entering into the unit (exterior models):

Verify unit is not in low-lying area.

Verify unit is mounted vertically (for S150 series)

Unit is dim when you first turned unit on:

Make sure fiber cable exits straight out of the light source without excessive bending.

Allow five (5) minutes for lamp to reach full intensity (150w HID units). For the halogen units, make sure the MR16 pins are inserted all the way into the ceramic connection and the MR16 lamp is seated properly into its bracket.

General Maintenance and Operation

(For the 150W HID units) The lamp in these units may take several minutes for full intensity. If unit is turned off and then on, it will take several minutes for unit to restrike.

Maintenance

Other than lamp replacement, there are no user-serviceable components. Light source should be returned to factory for servicing.

Cleaning glass filter and color wheel:

Use lens paper and any glass cleaner product (be very careful with the 150W HID units- the glass is fragile)

Lamp replacement:

For S150 series: Open cover, remove three nuts on top of aluminum box containing lamp, swing aside. Loosen single screw that holds lamp. Do not remove screw.

Lift and pull out. Disconnect two wires.

Replace with new MHOF-150W lamp.

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**Del Lighting, Inc.
5331 Brewster
San Antonio, TX 78233**