

# VMVS Series Champ™ and DMVS Series Champ™ Luminaires w/ Suffix IR

## Rapid Restrike Module Field Replacement Instructions

**IF 1036**

SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE

The following instructions provide the procedure for replacement of a rapid restrike module in 50, 70, 100, and 150 watt high pressure sodium VMVS and DMVS Series Champ luminaires. Replacement can be accomplished without removing the fixture from its mounting location.

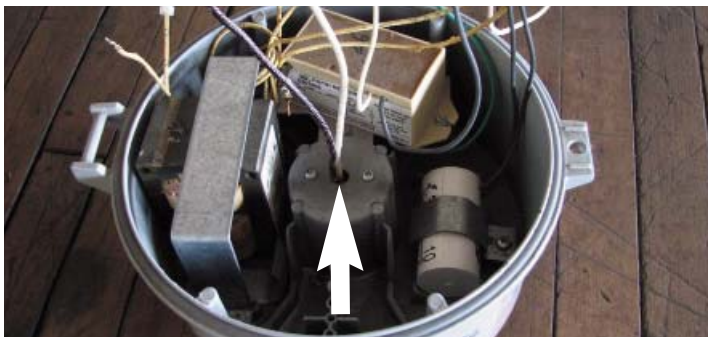
Replacement of the rapid restrike module must be performed by qualified and competent personnel familiar with high pressure sodium luminaire maintenance and repair.

### RAPID RESTRIKE MODULE REPLACEMENT

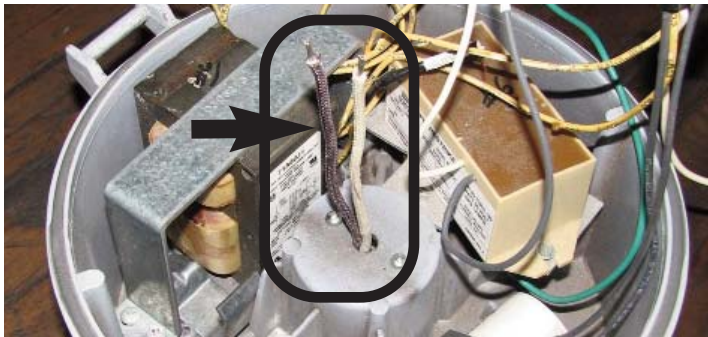
**⚠ WARNING**

Electrical power must be OFF before and during installation and maintenance.

1. Make certain that power is OFF, then loosen captive screw that secures fixture cover to ballast housing. Allow ballast housing to swing open and hang on cover module hinge hook.
2. Before removing the rapid restrike module, note its mounting position, required mounting hardware, and numbered and color-coded wiring connections for later reference.
3. Disconnect wiring from the rapid restrike module.
4. Remove two screws that secure the rapid restrike module and discard the old module.
5. Using the two screws removed in Step 4, secure replacement rapid restrike module in position.
6. Locate lamp holder wires (a black and white wire from center of unit).



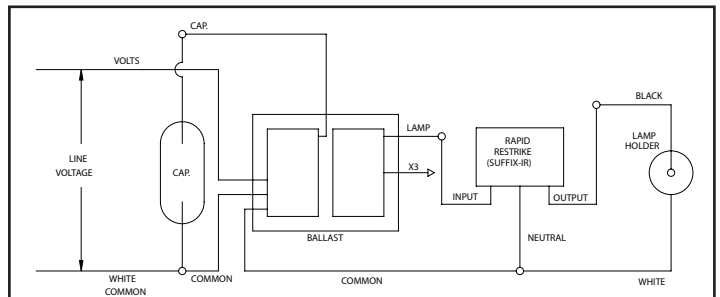
7. Cut both wires to 5" length and strip ends (1/2 inch).



8. Insert Silicone Rubber Sleeve on the black wire first, pushing it down the center hole.
9. Insert Silicone Rubber Sleeve on the white wire. It does not have to go into the center hole.



10. Connect wiring from replacement rapid restrike module to fixture wiring.



**Figure 1**  
Wiring Diagram for Rapid Restrike Module - 50,70,100, and 150 Watts (LX) - HPS Only

**Note:** Wire insulation is marked INPUT, NEUTRAL, and OUTPUT

Connect INPUT wire to ballast wire marked LAMP.  
Connect NEUTRAL wire to COMMON and WHITE lamp-holder wire.  
Connect OUTPUT to BLACK lampholder wire.

11. Close ballast housing onto cover module, making sure that all wiring is safely inside. Securely tighten captive screw holding cover module to ballast housing.
12. Make sure that lamp is installed before turning power on to fixture.

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