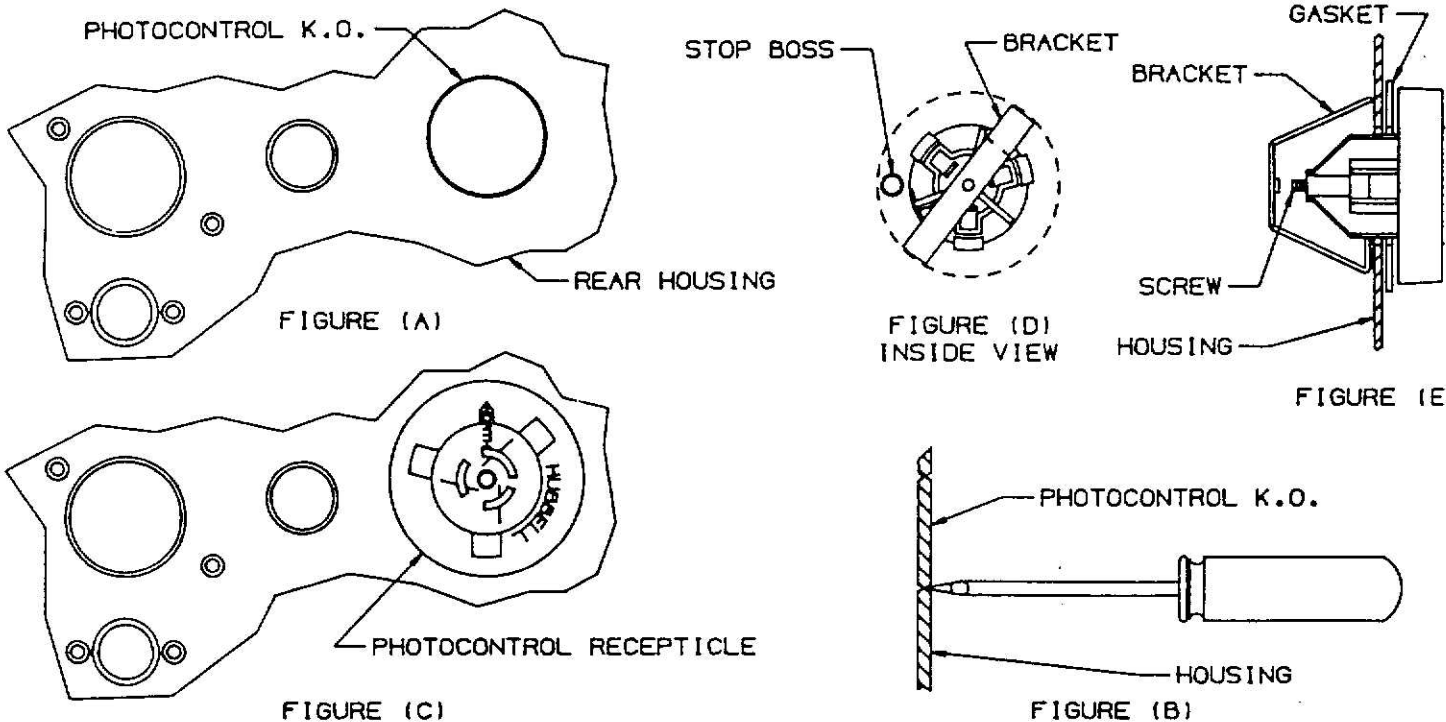


MVMPCR PHOTOCONTROL INSTALLATION AND WIRING INSTRUCTIONS FOR MAGNULITER SERIES (MHK, MHP, MHW, MVA, MVM, MVK, MVW)

WARNING: To reduce fire and shock hazard: Disconnect power before servicing; install and maintain to meet applicable codes; ensure fixture and wiring are properly grounded.



NOTE: Rear photocontrol mounting may not be suitable for fixtures mounted in closed areas or over hangs where daylight is not adequate enough to properly activate rear mounted photocontrol so that fixture turns off. For such applications the front mounted photocontrol button may be required. Order Hubbell catalog number MPBT-1.

REAR HOUSING MOUNTING K.O. REMOVAL

1. Turn power off!
2. While facing rear of housing, locate proper K.O. (See figure A).
3. Ensure that fixture is securely supported either by placing fixture lens frame down on flat surface or ensuring that mounting means are securely tightened before attempting to remove K.O.
4. Remove K.O. by using a screwdriver or chisel and hammer. Position tool as shown in figure (B) and with sharp driving blows work the complete circumference of K.O. until removed. (Always wear proper eye protection.)
5. Once K.O. is removed loosen lens frame screws and open lens frame.

INSTALLATION AND WIRING OF PHOTOCONTROL (MVMPCR)

1. Ensure that power is turned off!
2. Locate the photocontrol recepticle, (1) black wire, (1) white wire, (1) red wire, (1) gasket, (1) 6-32x2 1/8 screw, (1) bracket and (3) wirenuts.
3. Place gasket over K.O. hole with adhesive side down as shown in figure (E).
4. Attach black, white and red wires to recepticle as shown in figure (F).
5.
 - a. (For 1000W Metal Halide units) Remove the foil ballast cover.
 - b. (For units with power panels) Remove panel, disconnect panel ground wire and black and white supply lead wires.
 - c. (For Roadway and Forward Throw units) Remove reflector or ballast cover.
6. Insert recepticle with wires into K.O. hole, install bracket and screw as shown in figures (D) and (E), position recepticle as shown in figure (C), position bracket on recepticle as shown in figure (D) and tighten screw.



Hubbell Lighting, Inc.
A Subsidiary of Hubbell Incorporated
2000 Electric Way
Christiansburg, VA 24073-2500
(703) 382-6111
FAX (703) 382-1526

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PRODUCT ENGINEERING

268-0671-9901

ORIGINAL DRAWING

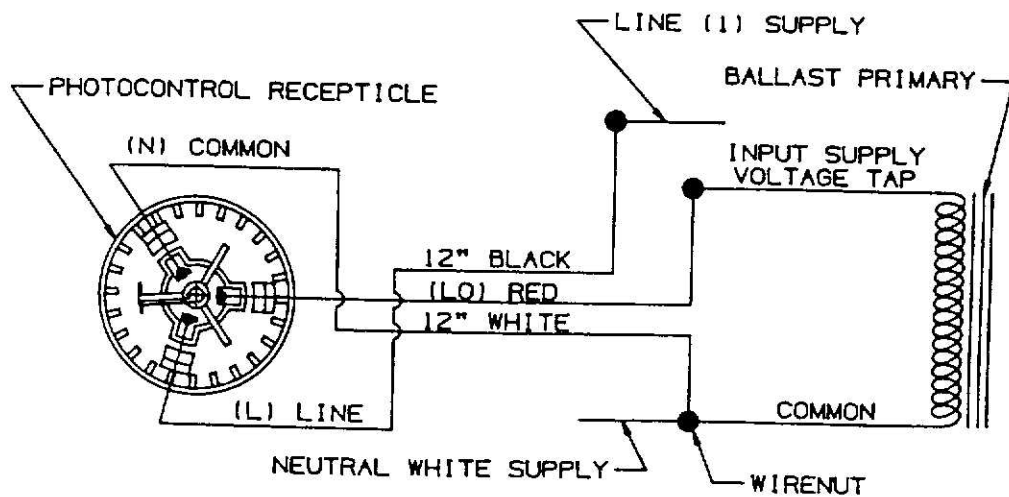


FIGURE (F)
120/277 VOLT OPERATION

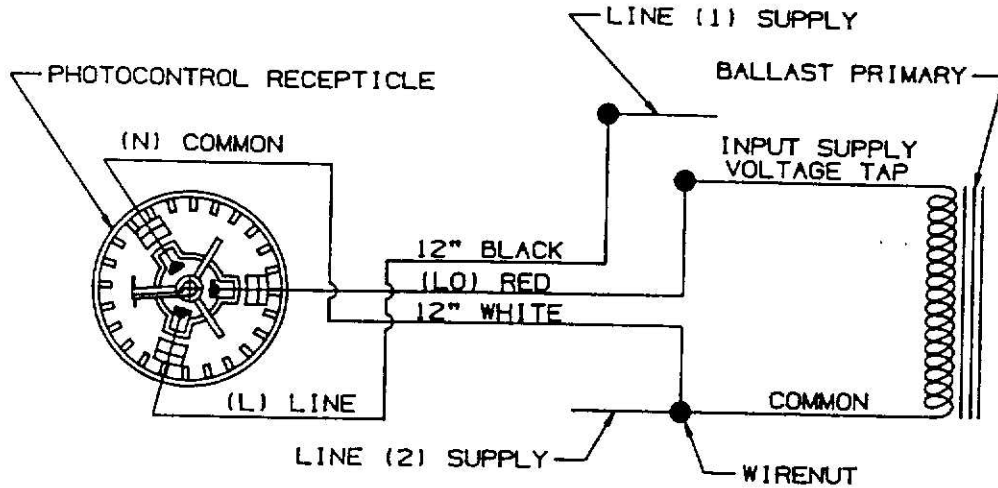


FIGURE (F)
208/240/480 VOLT OPERATION

7. Locate the input supply voltage and common primary ballast tap leads and wire photocontrol as shown in figure (F).
8. Ensure that all wire connections and unused ballast leads are secured with wirenuts.
9. Reassemble and reinstall any and all components such as covers, panels, wire restraints or wire connections that may have been removed or disconnected during installation of photocontrol receptacle.
10. Install lamp and secure lens frame.
11. Install twist lock photocontrol that has appropriate voltage rating for fixture supply and operating voltage.
12. Order Hubbell numbers: 120 volt (PTL-1)
120/208/240/277 volt (PTL-8)
480 volt (PTL-5)

NOTE: For Quad Tap Ballast, see unit installation instruction sheet for changing operation voltage to 120 volt.

NOTE: Quality and product improvement is a continuous program by Hubbell Lighting Division. Data in this bulletin is subject to change without notice.



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