

b) Field installation of Occupancy Sensor

1. Ensure the gaskets are properly seated on the sensor before installing Sensor assembly from NORS-SS12 KIT (See Figure 8).
2. The sensor lens is fragile, take care while handling to avoid any damage to the lens.
3. Remove & discard Occupancy Sensor cap from the luminaire (See Figure 9) by pulling out by hand and clean the Occupancy Sensor bore from any debris or dust (See Figure 10).
4. To clean the bore, use clean, damp cloth. Do not use additional water or any cleaning fluid.
5. Per wiring diagram (See Figure 15a), connect the Occupancy Sensor connector (See Figure 8) to the bulkhead output connector (See Figure 10) while supporting the sensor.
6. Feed the wiring and connectors into the Occupancy Sensor housing.
7. Orient the lens of the Occupancy Sensor toward the top hat of the luminaire and insert Occupancy Sensor into bore (See Figure 11). Ensure that no wiring gets pinched during this step. Once the Occupancy Sensor has bottomed out in the bore, slowly rotate the Occupancy Sensor into the desired position (do not turn more than 180 degrees clockwise or counterclockwise to reach the desired position). Optimal position is typically parallel to the ground, with the lens pointing at the ground. Ensure the flexible tabs are engaged/extended to prevent rotation and accidental removal of the Occupancy Sensor (See Figure 12). Ensure no wiring or connectors are visible after installation of the Occupancy Sensor.

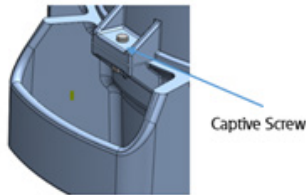


FIGURE 1

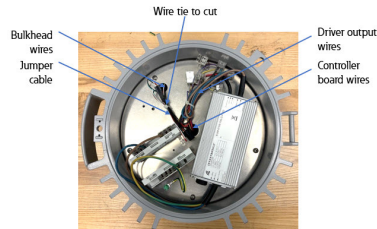


FIGURE 2

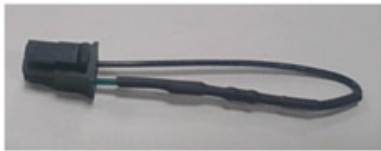


FIGURE 3

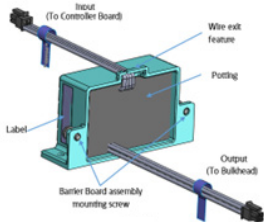


FIGURE 4

c) Field replacement of Barrier Board Assembly

1. In case of faulty Barrier Board Assembly or Occupancy Sensor replace both with NORS-SS12 KIT.
2. To gain access to the driver compartment, separate the luminaire from the top hat by loosening the 1/4-20 slotted head captive screw (See Figure 1).
3. Release the barrier board wires by carefully cutting barrier board cable tie, taking care not to damage wire insulation. (See Figure 6)
4. Disassemble Barrier Board Assembly by removing two # 8-32 screws from its housing.
5. Pull out the barrier board assembly by disconnecting "I.S. (TO BULKHEAD)" & "BOARD" from their respective connectors (See Figure 2, 4 & 15b).
6. Finally, follow steps 5 to 7 from section 'a) Field Installation of Barrier Board Assembly' to install the new Barrier Board Assembly.

d) Field replacement of Occupancy Sensor:

1. Rotate existing installed Occupancy Sensor by 180 deg, so that orientation of Lens of sensor will be towards the Top hat. See Figure 13.
2. Remove the Occupancy Sensor from casting bore by pulling it out by hand slowly, taking care not to strain the wiring/ connectors.
3. Disconnect the Occupancy Sensor connector (See Figure 8) from the bulkhead output connector (See Figure 10) while supporting the sensor.
4. Clean the Occupancy Sensor bore from any debris or dust (See Figure 10). To clean the bore use clean, damp cloth. Do not use additional water or any cleaning fluid.
5. The sensor lens is fragile, take care while handling to avoid any damage to the lens.
6. Finally, follow steps 5 to 7 from section 'b) Field Installation of Occupancy Sensor' to install the new Occupancy Sensor

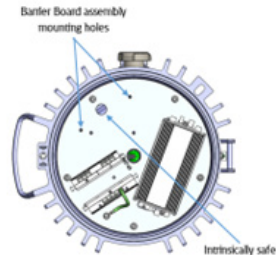


FIGURE 5

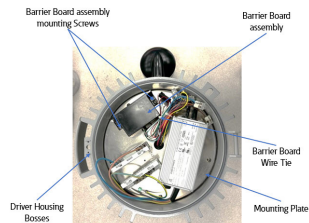


FIGURE 6

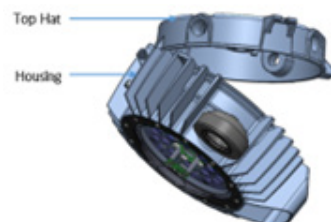


FIGURE 7



FIGURE 8

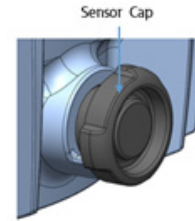


FIGURE 9

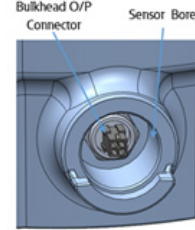


FIGURE 10

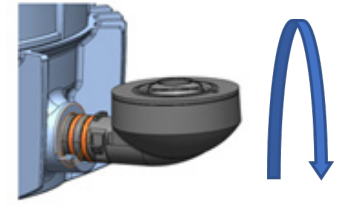


FIGURE 11

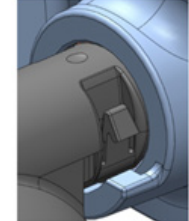


FIGURE 12

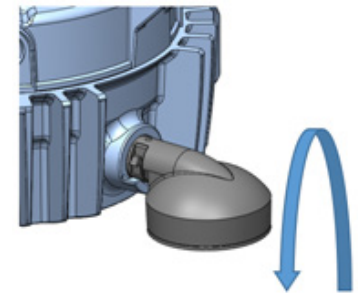


FIGURE 13

MAINTENANCE

1. Perform visual, electrical and mechanical inspections on a regular basis. The environment and frequency of use should determine this. However, it is recommended that checks be made at least once a year. We recommend an Electrical Preventive Maintenance Program as described in the National Fire Protection Association Bulletin NFPA No. 70B: Recommended Practice For Electrical Equipment Maintenance (www.nfpa.org).
2. The luminaire lens should be cleaned periodically to ensure continued lighting performance. To clean, wipe the lens with a clean, damp cloth. If this is not sufficient, use a mild soap or a liquid cleaner such as Collinite NCF or Duco #7. Do not use an abrasive, strong alkaline or acid cleaner. Damage may result.
3. Visually check for undue heating evidenced by discoloration of wires or other components, damaged parts or leakage evidenced by water or corrosion in the interior. Replace all worn, damaged or malfunctioning components, and clean gasket seals before putting the luminaire back into service.
4. Electrically check to make sure that all connections are clean and tight.
5. Mechanically check that all parts are properly assembled.

WIRING DIAGRAMS

Sensor wiring

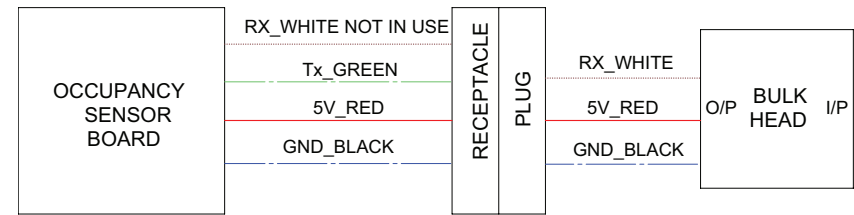


FIGURE 14A

WIRING DIAGRAMS

Barrier board wiring

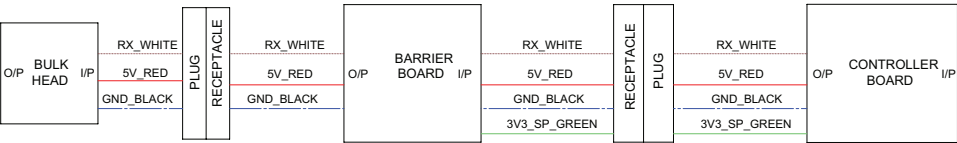


FIGURE 14B

WIRING DIAGRAMS

PVML 3-7, -AT & -GT (without sensor option)

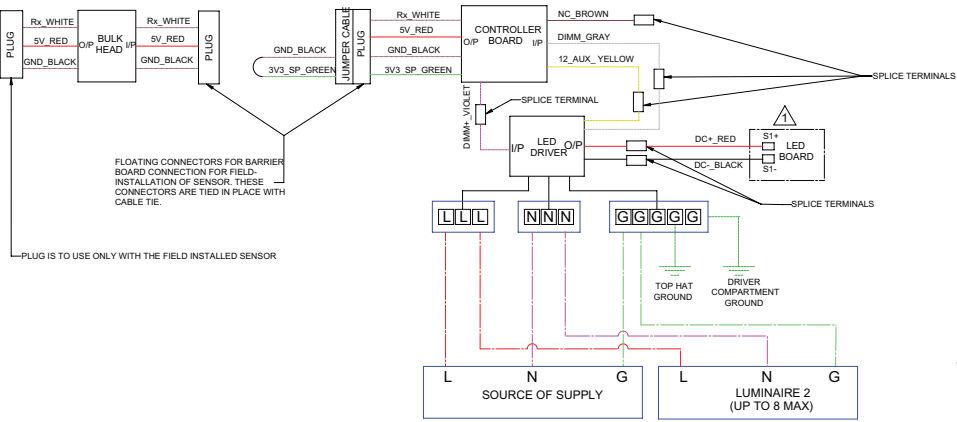


FIGURE 14C

For additional information refer to Luminaire Installation & maintenance information – IF 1982

All statements, technical information and recommendations contained herein are based on information and tests we believe to be reliable. The accuracy or completeness thereof are not guaranteed. In accordance with Eaton's Crouse-Hinds Division's "Terms and Conditions of Sale," and since conditions of use are outside our control, the purchaser should determine the suitability of the product for his intended use and assumes all risk and liability whatsoever in connection therewith.