For Occupancy Sensors installed to control Emergency Lighting Equipment: if this equipment is being used for Emergency and Power-off Equipment, please adhere to the following information. This equipment is rated for only 25% use on Emergency Lighting Equipment. The “I” version of this product is the front cover.

IMPORTANT SAFEGUARDS
When using electrical equipment, basic safety precautions should always be followed, including the following:

a) READ AND FOLLOW ALL SAFETY INSTRUCTIONS.
b) DO NOT use outdoors.
c) DO NOT use near water or electricity hazards.
d) Equipment should be mounted in a location and in positions where it will not be readily be tampered with by untrained personnel.

The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.

DO NOT use equipment for other than the intended use.

SAVE THESE INSTRUCTIONS
All servicing should be performed by qualified service personnel. If any Emergency Circuits are fed or controlled from this panel, it must be located electrically where fed from a UPS, generator, or other guaranteed source of power during emergencies and power outage situations.

TROUBLESHOOTING

1. Insert wires into proper terminals. Use a screwdriver to turn clockwise and secure wires.

2. Line Voltage (L1) to Line terminal.

3. Neutral Wire (L2) to Neutral terminal.

4. Load Wire (L3) to load terminals.

5. Emergency Wire to their respective marked terminals.

NOTE:
- Infrared motion detection which gives higher false triggering immunity yields a shorter “off time” has expired. The sensor continually analyzes and adjusts to changing environments.

- All servicing shall be performed by qualified service personnel. If any Emergency Circuits are fed or controlled from this panel, it must be located electrically where fed from a UPS, generator, or other guaranteed source of power during emergencies and power outage situations.

- Make sure that the ends of the wires from the electrical box are straight (cut if necessary).

- Neutral and ground lines must be used in electrical wiring.

- Pull the wires and install the cover.

- Secure the wires to the electrical box.

- Drive line voltage wires to provide enough clearance in electrical box.

- Pull the wires and install the cover.

- Secure the wires to the electrical box.

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**PHOTCELL INDICATORS**

- **RED** - Blinks upon PIR detection. Can be disabled by moving B4 to ON
- **BLUE** - 30 seconds when the photocell is holding the lights OFF.

**FEATURE/SETTING DESCRIPTIONS**

- **Default Settings**
  Adjust knob settings as per “recommended manual settings.”

- **TABLE 1: ADJUSTMENT KNOB SETTINGS**

<table>
<thead>
<tr>
<th>Knob Code</th>
<th>Symbol</th>
<th>Function</th>
<th>Knob Setting</th>
<th>Factory Default Setting</th>
</tr>
</thead>
<tbody>
<tr>
<td>Red</td>
<td></td>
<td>Geared</td>
<td></td>
<td>60%</td>
</tr>
<tr>
<td>Black</td>
<td></td>
<td>Ultra-Infrared Range</td>
<td></td>
<td>Full CW (ON)</td>
</tr>
<tr>
<td>Blue</td>
<td></td>
<td>Ambiance Light Override (PhotoCell)</td>
<td></td>
<td>Full CCW (OFF)</td>
</tr>
<tr>
<td>White</td>
<td></td>
<td>PIR Sensitivity (Red Knob)</td>
<td></td>
<td>50%</td>
</tr>
<tr>
<td>Yellow</td>
<td></td>
<td>US Sensitivity (Green Knob)</td>
<td></td>
<td>100%</td>
</tr>
</tbody>
</table>

- **TABLE 2: SWITCH SETTINGS**

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Function</th>
<th>Knob</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>ON</td>
<td>Off</td>
</tr>
<tr>
<td>B</td>
<td>OFF</td>
<td>On</td>
</tr>
<tr>
<td>C</td>
<td>Normal</td>
<td>Override Existing State</td>
</tr>
<tr>
<td>D</td>
<td>Enlarge</td>
<td>Enable Enlargement</td>
</tr>
<tr>
<td>E</td>
<td>Reduce</td>
<td>Disable Reduction</td>
</tr>
<tr>
<td>F</td>
<td>Forced</td>
<td>Enable Forced Mode</td>
</tr>
</tbody>
</table>

**LIMITED 5 YEAR WARRANTY AND EXCLUSIONS**

Leviton warrants to the original consumer purchaser and not for the benefit of anyone else that this product at the time of its sale by Leviton is free of defects in materials and workmanship under normal and proper use for five years from the purchase date. Leviton’s only obligation is to correct such defects by repair or replacement, at its option.

This warranty is void if the product is installed improperly or in an improper environment, overloaded, abused, abused, altered or damaged in any way, not used under normal operating conditions or not maintained in accordance with any typographical or instructions. There are no other or implied warranties of any kind, including merchantability and fitness for a particular purpose, but if any implied warranty is required by the applicable jurisdiction, the duration of any such implied warranty, including merchantability and fitness for a particular purpose, is limited to five years. Neither Leviton is liable for incidental, indirect, special, or consequential damages, including without limitation, damage to, or loss of use of, any equipment, lost sales or profits or delay or failure to perform this warranty obligation. The remedies provided herein are the exclusive remedies under this warranty, whether based on contract, tort or otherwise.

**TROUBLESHOOTING**

- **Lights do not turn ON**
  - Check breaker or fuse tripped.
  - Check the location of the IR sensor.“To disable the forced Mode refer to Table 2 or to the figure 6. To disable the IR sensor can “see” into hallway.

- **Lights stay ON**
  - Constant motion.
  - Infrared sensor can “see” into hallway. To Test: Position the IR sensor in Timer Mode and turn hallway off. If lights continue to come on, move sensor.

- **Light turns off too slow**
  - Normal operation.

**PRODUCT INFORMATION**

- For technical assistance, contact us at 1-800-422-2005.

**FCC COMPLIANCE STATEMENT**

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device must not cause harmful interference, and (2) this device must accept any interference which may cause undesired operation. Any changes or modifications not expressly approved by Leviton could void the user’s authority to operate this equipment.

**PATENTS**

This product may be covered by US PAT. Nos. 8,154,154; 7,924,155; 8,227,731; 8,050,672 and 7,115,036.

**FOR CANADA ONLY**

For warranty information and/or product returns, residents of Canada should contact Leviton at writing at Leviton Manufacturing of Canada Ltd to the attention of the Quality Assurance Department, 157, Hyman Blvd, Pointe-Claire (Quebec), Canada H9R 1E9 or by telephone at 1-800-403-5332.

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**Figure 3B**

- The graph in Figure 3B tracks the value of a linear photocell throughout a day. It is assumed that in the early afternoon the daylight is relatively linear. The top of the graph starts at night and shows the transition to dawn. As the daylight level increases the photocell level begins to increase at a set point. Based on the setting of the trigger point, the lights will be turned OFF since there is enough contribution from the natural light source (window).

**Figure 4 - Knob Settings**

**Figure 5 (Cat. No. O2C05) Field-of-View Ranges**

High density lens (blue frame), mounting height (8-12 ft)

**Figure 6 (Cat. No. O2C10) Field-of-View Ranges**

Extended range lens (black frame), mounting height (9-12 ft)

**Figure 7 (Cat. No. O2C20) Field-of-View Ranges**

Extended range lens (black frame), mounting height (12-18 ft)

**Figure 8 (Mid-Range Lens) Field-of-View Ranges**

Mid range lens (red frame), mounting height (13-20 ft)

**Figure 10 Mounting Location Diagram**

Masking is not required in a corner mounting application. The sensor cannot see hallway traffic.

**Figure 9 - Changing PIR Lens**

To change lens, turn lens and line up arrows, then pull lens from sensor.

**Figure 6A (Cat. No. O2C05) Field-of-View Ranges**

High density lens (blue frame), mounting height (8-12 ft)

**Figure 6B (Cat. No. O2C10) Field-of-View Ranges**

Extended range lens (black frame), mounting height (9-12 ft)

**Figure 6C (Cat. No. O2C20) Field-of-View Ranges**

Extended range lens (black frame), mounting height (12-18 ft)

**Figure 7 (Mid-Range Lens) Field-of-View Ranges**

Mid range lens (red frame), mounting height (13-20 ft)