WaveLinx Wireless Connected Lighting

**SEQUENCE OF OPERATIONS:**

**LIGHTING**
- 0-10V LIGHTING LOADS
- UP TO 3 DIMMING ZONES
- INDIVIDUALLY ADDRESSABLE LUMINARIES
- OUT OF THE BOX 75% HIGH END TRIM

**OCCUPANCY**
- AUTOMATIC ON TO 50%
- OPTIONAL VACANCY MODE
- OPTIONAL AUTO ON TO SCENE
- OPTIONAL PLUG LOAD TURNS ON/OFF WITH OCCUPANCY
- AUTOMATIC OFF OF LIGHTING AND PLUG LOAD ON VACANCY

**DAYLIGHTING**
- CONTINUOUS DIMMING TO OFF
- INDIVIDUAL LUMINARIE DAYLIGHT DIMMING
- DAYLIGHTING NOT REQUIRED FOR INDOOR OFFICES
- NOT REQUIRED IN SPACES WITHOUT WINDOWS THAT ARE LESS THAN 120W.

**MANUAL CONTROLS**
- TOP OR DOMINANT BUTTON HALF LIGHTS (SETS LIGHTS TO 50% OR LESS)
- REMAINING BUTTONS TRIGGER SCENES
- RAISE
- LOWER
- ALL OFF

**ADDITIONAL FEATURES**
- POWER MEASUREMENT REPORTING THROUGH MOBILE APPLICATION
- AUTOMATIC DEMAND RESPONSE AVAILABLE FROM WIRELESS AREA CONTROLLER
- SCHEDULING OF PARTIAL OFF LIGHT LEVELS AND TIMES FROM WIRELESS AREA CONTROLLER
- UL924 EMERGENCY CONTROL CAPABILITIES AVAILABLE VIA LUMINARIE BATTERY BACKUP

**Bill of Materials**

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<thead>
<tr>
<th>Qty</th>
<th>Catalog #</th>
<th>Description</th>
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<tbody>
<tr>
<td>1</td>
<td>WAC-POE</td>
<td>Wireless Area Controller</td>
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<tr>
<td>2</td>
<td>W48-RL-W</td>
<td>1 Large button scene wallstation</td>
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<tr>
<td>24</td>
<td>24EN-LD2-34-UNV-L835-CD1-SWPD1-U</td>
<td>Encounter 2x4 with Instinct Sensor</td>
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**TYPICAL WIRING DETAIL**

- Gateway/WAC range: 150 feet to 250 feet LOS, 300 feet LOS.
- Number of interior walls: 2 walls, 3 walls.
- Distance from WAC to 1st WCL device: 150 feet, 200 feet.
- Distance between WCL devices: 75 feet, 150 feet.
- Number of hops from WAC: 4 hops, 5 hops.
- Number of areas per WAC: 16, 16.
- Number of zones per area: 3, 16.
- Number of scenes per area: 6, 16.