WaveLinx Wireless Connected Lighting

SEQUENCE OF OPERATIONS:

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

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

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

MANUAL CONTROLS
- DOMINANT BUTTON 50% LIGHT LEVEL
- MANUAL ON/OFF
- PROGRAMMABLE SCENES
- SCENE RAISE
- SCENE 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 LUMINAIRE BATTERY BACKUP

Bill of Materials

<table>
<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>
</tr>
<tr>
<td>2</td>
<td>W1L-RL-W</td>
<td>1 Large button scene wallstation</td>
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<tr>
<td>6</td>
<td>24EN-LD2-34-UNV-L835-CD1-SWP1-U</td>
<td>Encounter 2x4 with iNstinct Sensor</td>
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TYPICAL WIRING DETAIL

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Design Consideration | Best Practice |
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<tbody>
<tr>
<td>Gateway/WAC range</td>
<td>150 feet to 250 feet LDP</td>
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<tr>
<td>Number of interior walls</td>
<td>2 walls</td>
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<tr>
<td>Distance from WAC to 1st WAC device</td>
<td>150 feet</td>
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<tr>
<td>Distance between WAC devices</td>
<td>75 feet</td>
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<tr>
<td>Number of hops from WAC</td>
<td>4 hops</td>
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<tr>
<td>Number of areas per WAC</td>
<td>16</td>
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<tr>
<td>Number of zones per area</td>
<td>3</td>
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<tr>
<td>Number of scenes per area</td>
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