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**
- 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 LUMINAIRE BATTERY BACKUP

**Bill of Materials**

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

**TYPICAL WIRING DETAIL**

- Wall Switches Switch provided by others
- Wireless Area Controller (WAC-POE) installed within 150ft of WCL devices
- Wireless 4 small button scene wallstation (W48-RL-W)
- Wireless Receptacle (WR-15)

Design Considerations:
- Gateway/WAC range: 130 feet to 230 feet LOS, 260 feet LOS
- Number of standard walls: 2 walls, 3 walls
- Distance from WAC to 1st WCL device: 150 feet, 200 feet
- Distance between WCL devices: 75 feet, 100 feet
- Number of loops from WAC: 4 loops, 5 loops
- Number of areas per WAC: 16
- Number of zones per area: 3, 16
- Number of switches per area: 6, 10

<table>
<thead>
<tr>
<th>T24</th>
<th>2015</th>
<th>120V/277V</th>
<th>120/240V</th>
<th>130/277V</th>
<th>120/240V</th>
<th>120/240V</th>
<th>120/240V</th>
<th>120/240V</th>
<th>120/240V</th>
<th>120/240V</th>
</tr>
</thead>
<tbody>
<tr>
<td>120</td>
<td>15</td>
<td>50%</td>
<td>50%</td>
<td>70%</td>
<td>50%</td>
<td>50%</td>
<td>50%</td>
<td>50%</td>
<td>50%</td>
<td>50%</td>
</tr>
</tbody>
</table>