SEQUENCE OF OPERATIONS:

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

OCCUPANCY
- AUTOMATIC AUTO 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 SPACES
- NOT REQUIRED IN SPACES WITHOUT WINDOWS THAT ARE LESS THAN 120W.

MANUAL CONTROLS
- PROGRAMMABLE SCENES
- DOMINANT BUTTON IS 50% LIGHT LEVEL
- 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>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>WAC-POE</td>
<td>Wireless Area Controller</td>
</tr>
<tr>
<td>1</td>
<td>W4S-RL-W</td>
<td>4 Small button scene wallstation</td>
</tr>
<tr>
<td>2</td>
<td>WR-15</td>
<td>WaveLinx Receptade</td>
</tr>
<tr>
<td>2</td>
<td>WSP-MV-010</td>
<td>20A relay with 0-10V dimming</td>
</tr>
<tr>
<td>1</td>
<td>CWPD-1500</td>
<td>WaveLinx ceiling occupancy sensor</td>
</tr>
</tbody>
</table>

TYPICAL WIRING DETAIL

Wireless Area Controller (WAC-POE) installed within 150ft of WCL devices

Wireless 4 small button scene wallstation (W4S-RL-W)

2x4 recessed light fixture with 0-10V dimming

Design Consideration:  Best Practice:  Best Practice:

Gateway/WAC range: 150 feet to 250 feet LDS 300 feet LDS

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