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

TYPICAL WIRING DETAIL

Design Consideration: Best Practice: Best Practice:
Gateway/WAC range 150 feet to 200 feet LOS 330 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 10

WAVE LINX WIRELESS CONNECTED LIGHTING
TWO ZONE CLASSROOM WITH 0-10V DIMMING AND DEMAND RESPONSE

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>
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<tr>
<td>2</td>
<td>WR-15</td>
<td>WaveLinx Receptade</td>
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<tr>
<td>2</td>
<td>WSP-MV-010</td>
<td>20A relay with 0-10V dimming</td>
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<tr>
<td>1</td>
<td>CWPD-1500</td>
<td>WaveLinx ceiling occupancy sensor</td>
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</tbody>
</table>

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

TYPICAL WIRING DETAIL:

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