**OVERVIEW:**
Lighting zone is controlled with 0-10V dimming, programmable max/min levels, occupancy-100%, vacancy-dim 50% level.

**SEQUENCE OF OPERATION:**
Occupancy sensor input set for On-100% (or desired max level), vacancy dim to 50% (or min set level). Dimmer outputs provide smooth full range control, zones can be set for adjustable on/off-dim level from occupancy. Digital switch station provides individual zone on/off control or set dimming level to low for off.

**ADDITIONAL OPTIONS:**
Multiple corridors can be controlled from a single 4-zones LL-EVO panel, additional EVO-4X, EVO-8X expansion panels available for up to 16 zones. Additional LightSync switch stations as needed up to 32. LL-EVO control panel can connect to ILC network for building control, and ARD Automatic Demand Response. Internal timer operation for stand-alone or network operation. Emergency lighting control bypass relay for UL-924 can be added as needed.

**CODE REQUIREMENTS SUPPORTED:**
Full / Partial Auto-Off from Occupancy sensor (Section 130.1c) Automatic Off from internal or network clock (130.1c) Local Switch control w/dimming (130.1a) ADR Automatic Demand Response (130.1e)

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**WIRE LEGEND**
- **Line voltage**
- **0-10V Dimming**
- **CAT-5e Data cable**
- **3-Wire Occupancy Sensor or Photo Cell**

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**Bill Of Material:**

<table>
<thead>
<tr>
<th>Qt</th>
<th>Product</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>LL-EVO</td>
<td>EVO Controller</td>
</tr>
<tr>
<td>1</td>
<td>R20D</td>
<td>Remote 20Amp Dimming relay</td>
</tr>
<tr>
<td>1</td>
<td>EMR</td>
<td>Emergency Relay UL924 with 0-10V dimming bypass</td>
</tr>
<tr>
<td>3</td>
<td>LSG3-WH-1</td>
<td>LightSync G3 1-Zone non-dim digital switch station</td>
</tr>
<tr>
<td>3</td>
<td>ILC-SWX-221-1</td>
<td>Occupancy sensor Ceiling Dual Tech - 500sf</td>
</tr>
</tbody>
</table>

LL-EVO Lighting Application: F9