OVERVIEW:
Lighting zone is controlled on/off with occupancy sensor and local digital control stations. Dimming control for full dimming range with settable min/max levels.

SEQUENCE OF OPERATION:
Lights turn on at digital switch station. Occupancy sensor input set for on 50%-off control, can be changed to on with adjustable dim level per zone. Digital switch station provides individual zone on/off control, Multi-level dimming required if >100sf and >1 fixture. Dim to full when occupied.

ADDITIONAL OPTIONS:
Multiple rooms 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.

Emergency lighting control bypass relay for UL-924 can be added as needed.

CODE REQUIREMENTS SUPPORTED:
Auto-Off from Occupancy sensor (Section 130.1c)
Local Switch control w/dimming (130.1a)
ADR Automatic Demand Response (130.1e)

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

**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>LSG3-WH-1-MZD</td>
<td>LightSync G3 1-Zone dimming digital switch station.</td>
</tr>
<tr>
<td>1</td>
<td>ILC-SWX-221-1</td>
<td>Occupancy sensor Ceiling Dual Tech - 500sf</td>
</tr>
</tbody>
</table>

LL-EVO Lighting Application: F7