PRIVATE OFFICE ≤300sf
OR LIGHTING LOAD IS <150W
IECC 2015 DESIGN GUIDE

OVERVIEW:
Lighting zone is controlled on/off with 0-10V dimming, programmable max/min levels, vacancy off, local digital control stations.

SEQUENCE OF OPERATION:
Lights turn on at digital switch station. Occupancy sensor input set for vacancy-off control, can be changed to on/off with adjustable dim level. Dimmer output provide smooth full range control, can be set for adjustable start level from occupancy or digital switch.

Digital switch station provides on/off control and dimming.
Daylight Control not required in offices without windows or that have loads <150W

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 (C405.2.2.1).

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

CODE REQUIREMENTS SUPPORTED:
Auto-Off from Occupancy sensor (C401.2.1.1)
Lighting Reduction (C405.2.2.2)
Local Switch control w/dimming (C405.2.2.3)

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>
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LL-EVO Lighting Application: F8