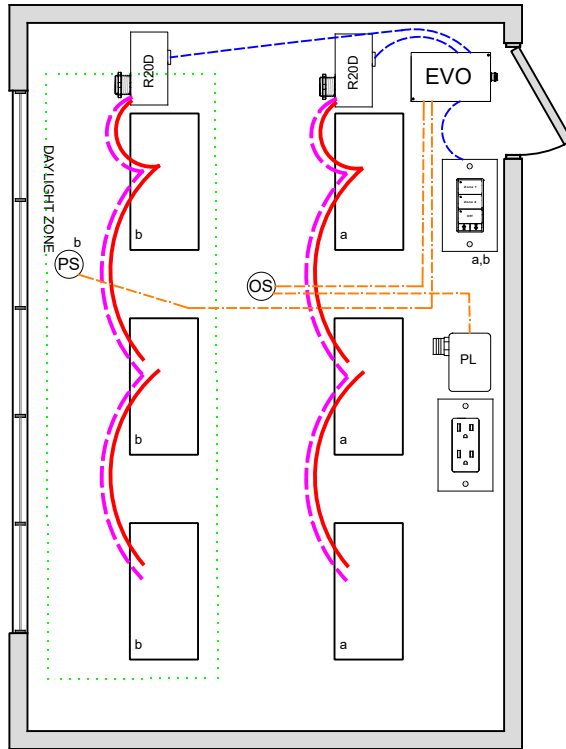


# PRIVATE OFFICE WITH WINDOW

## ASHRAE DESIGN GUIDE 90.1 - 2013



### WIRE LEGEND

<span style="color: red;">—</span>	Line voltage
<span style="color: pink;">---</span>	0-10V Dimming
<span style="color: blue;">---</span>	CAT-5e Data cable
<span style="color: orange;">---</span>	3-Wire Occupancy Sensor or Photo Sensor

### Bill Of Material:

Qt:	Product:	Description:
1	LLEVO	EVO Controller
2	R20D	Remote 20Amp Dimming relay
1	LSG3-WH-2-MZD	LightSync G3 2-Zone dimming digital switch station.
1	PS-IND	Photo Sensor - Indoor.
1	ILC-SWX-221-1	Occupancy sensor ceiling Dual Tech - 500sf
1	ILC-SWX-900-AX	Plug Load power pack

LLEVO Pre-Program: F3

### OVERVIEW:

Lighting zones are controlled together or individually 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 per zone. Dimmer outputs provide smooth full range control, zones can be set for adjustable start level from occupancy or digital switch.

Digital switch station provides individual zone on/off control and dimming, plus dimming for all zones as one.

Photo Sensor monitors daylight and limits the maximum light level in the daylight zone, multiple zones can be controlled from one sensor with independent level settings for each. (Not required for spaces without side lit area < 250Ft<sup>2</sup> and a 150W in primary daylight zone, or 300w in the primary and secondary daylight zones).

### ADDITIONAL OPTIONS:

Multiple rooms can be controlled from a single 4-zones LLEVO panel, additional LSEVO-4X, -8X expansion panels available for up to 20 zones.

Additional LightSync switch stations as needed up to 32. LLEVO control panel can connect to ILC network for building control.

Plug-load control from occupancy sensor. Emergency lighting control bypass relay for UL-924 can be added as needed.

### CODE REQUIREMENTS SUPPORTED:

Auto-Off from Occupancy sensor  
Multi-Level Daylight control  
Local Switch control w/dimming  
Plug-Load control