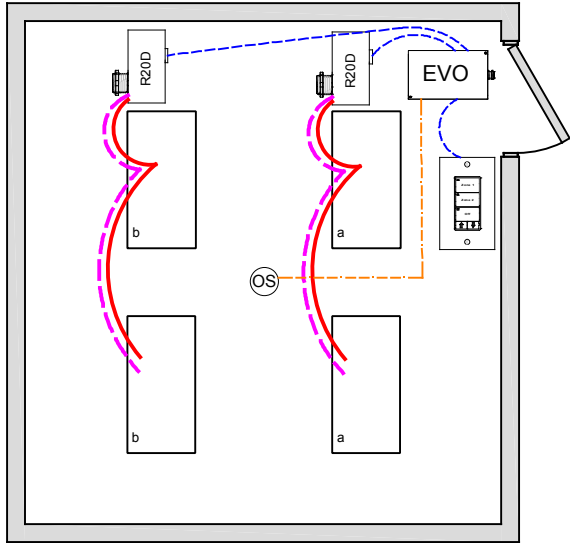


# PRIVATE OFFICE ≤300sf OR LIGHTING LOAD IS <150W IECC 2015 DESIGN GUIDE



## 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. 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:

Qt:	Product:	Description:
1	LL-EVO	EVO Controller
2	R20D	Remote 20Amp Dimming relay
1	LSG3-W-2-MZD	LightSync G3 2-Zone dimming digital switch station.
1	ILC-SWX-221-1	Occupancy sensor Ceiling Dual Tech - 500sf