

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

OVERVIEW:

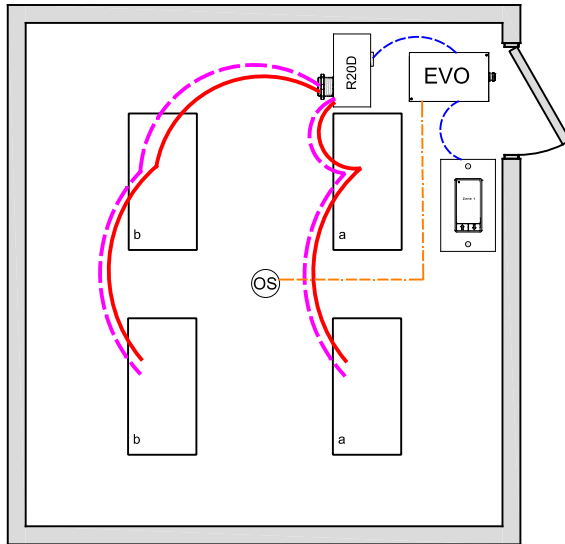
Lighting zone is controlled on/off with 0-10V dimming, programmable max/min levels, vacancy off, local digital control stations.

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:

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

LL-EVO Lighting Application: F8