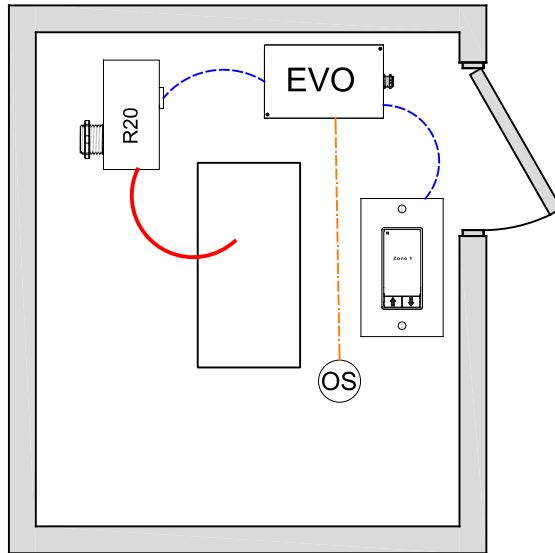


PRIVATE RESTROOM IECC 2015 DESIGN GUIDE

OVERVIEW:

Lighting zone is controlled on/off with occupancy sensor on/off, local digital control stations.



SEQUENCE OF OPERATION:

Lights turn on at digital switch station. Occupancy sensor input set for on 50%P-off control, can be changed to on 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.

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.

WIRE LEGEND	
	Line voltage
	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: F7

CODE REQUIREMENTS SUPPORTED:

- Auto-Off from Occupancy sensor (405.2.1.1)
- Local Switch control (C405.2.2.3)