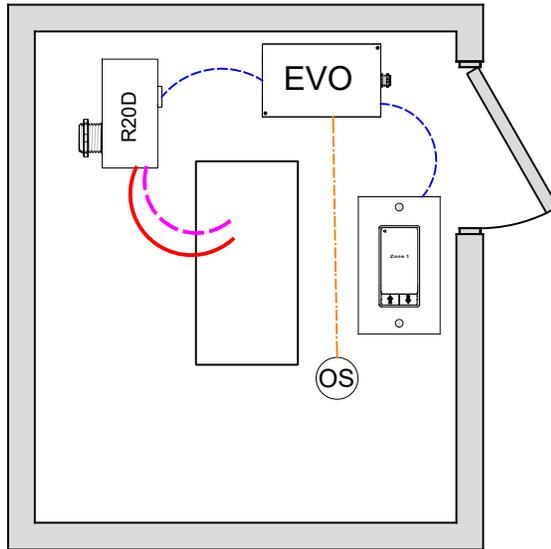


# PRIVATE RESTROOM CA TITLE 24 2019 DESIGN GUIDE

**OVERVIEW:**

Lighting zone is controlled on/off with occupancy sensor and local digital control stations. Dimming control for full dimming range with settable min/max levels.



**SEQUENCE OF OPERATION:**

Lights turn on at digital switch station. Occupancy sensor input set for on 50%-off control, can be changed to on with adjustable dim level per zone. Digital switch station provides individual zone on/off control, Multi-level dimming required if >100sf and >1 fixture. Dim to full when occupied.

**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. LL-EVO control panel can connect to ILC network for building control, and ARD Automatic Demand Response.

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

**CODE REQUIREMENTS SUPPORTED:**  
Auto-Off from Occupancy sensor (Section 130.1c)  
Local Switch control w/dimming (130.1a)  
ADR Automatic Demand Response (130.1e)

WIRE LEGEND	
	Line voltage
	0-10V Dimming
	CAT-5e Data cable
	3-Wire Occupancy Sensor or Photo Sensor

Bill Of Material:		
Qt:	Product:	Description:
1	LLEVO	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

LLEVO Pre-Program: F7