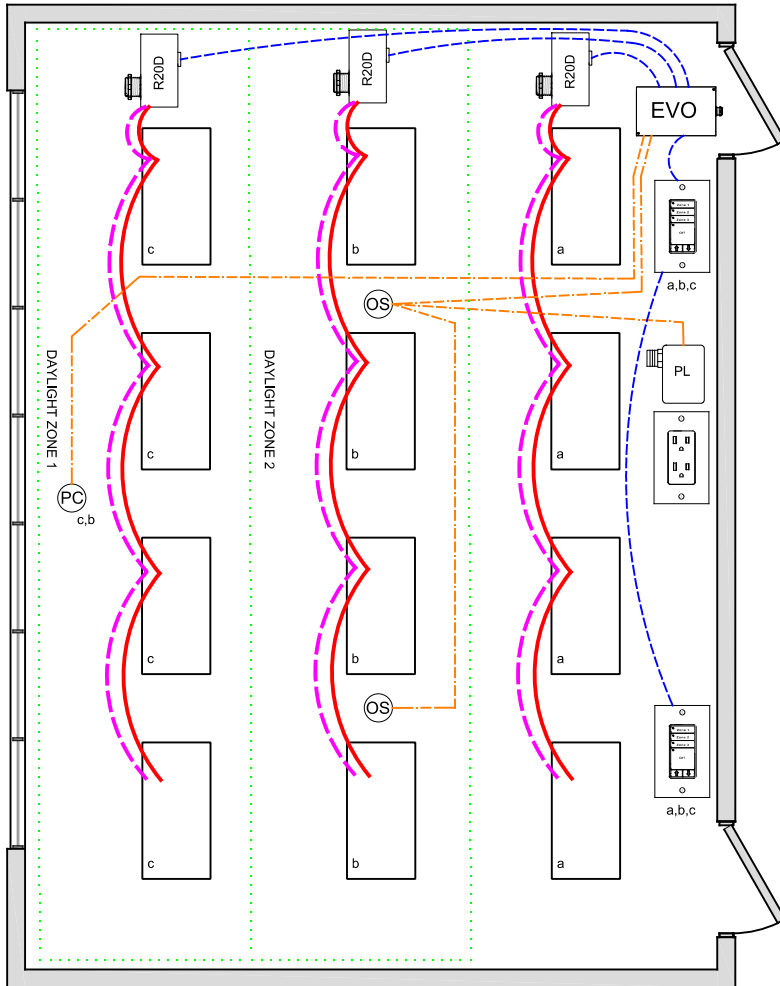


OPEN OFFICE CA TITLE 24 2019 DESIGN GUIDE



OVERVIEW:

Lighting zones are individually controlled with 0-10V dimming, programmable max/min levels, daylight zones, occupancy sensor input for on/off vacancy and plug-load control, local digital control stations.

SEQUENCE OF OPERATION:

Lights turn on with digital switch station. Sensor is set for off-only vacancy operation. Dimmer outputs provide smooth full range control, zones can be triggered to adjustable start level with local control. Digital switch station provides individual zone on/off control and dimming, plus dimming all zones as one. Photo cell 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 primary daylight zone of <120W) Plug-load control from occupancy sensor relay or R20 relay from time clock.

ADDITIONAL OPTIONS:

Up to 4-zones with single 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. Optional LightSync Touch Screen station with multi-zone relay and dimming control. LL-EVO control panel can connect to ILC network for building control, and ADR (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)
Multi-Level Dimming control (130.1b)
Multi-Level Daylight control (130.1d)
Local Switch control w/dimming (130.1a)
Plug-Load control (130.5d)
ADR Automatic Demand Response (130.1e)

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
3	R20D	Remote 20Amp Dimming relay
2	LSG3-WH-3-MZD	LightSync G3 3-Zone dimming digital switch station.
1	PC-IND	Photo Cell - Indoor.
2	ILC-SWX-221-1	Occupancy sensor Ceiling Dual Tech - 500sf

LL-EVO Lighting Application: F6