OPEN OFFICE
IECC 2021 DESIGN GUIDE
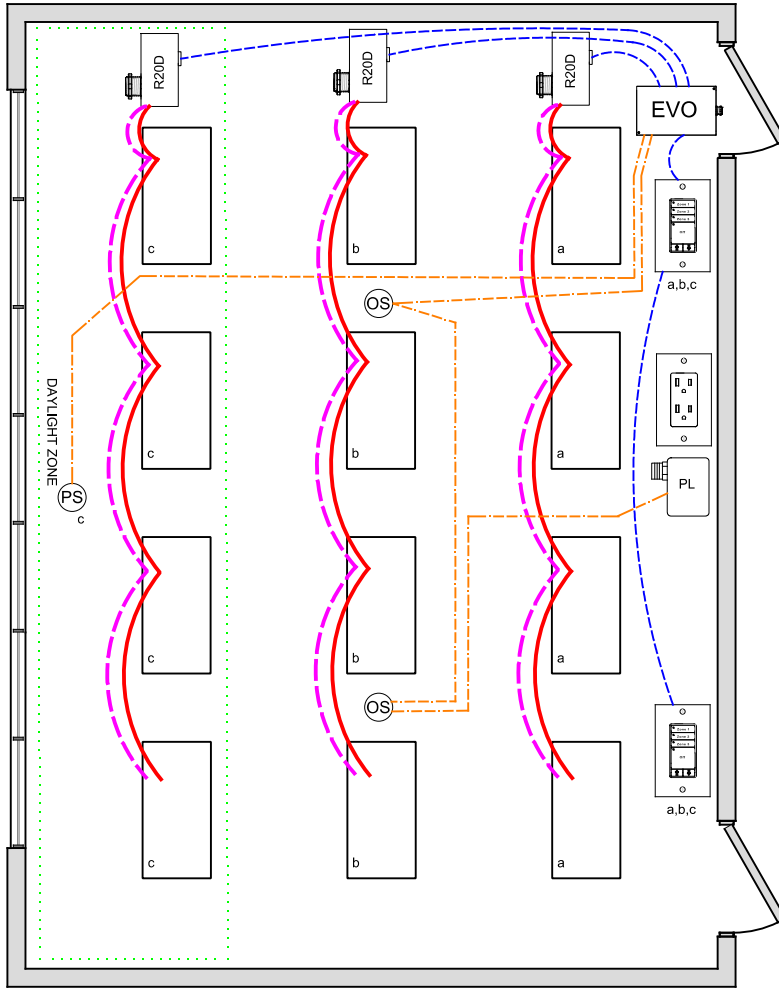
WIRE LEGEND

▬▬▬	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
3	R20D	Remote 20Amp Dimming relay
2	LSG3-WH-3-MZD	LightSync G3 3-Zone dimming digital switch station.
1	PS-IND	Photo Sensor - Indoor.
2	ILC-SWX-221-1	Occupancy sensor celling Dual Tech - 500sf
1	ILC-SWX-900-AX	Plug Load power pack

LLEVO Pre-Program: F1

OVERVIEW:
Lighting zones are individually controlled with 0-10V dimming. Occupancy On-50% /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 dimer start level per zone. Dimmer outputs provide smooth full range control.
Digital switch station provides individual zone on/off control and selectable zone dimming, plus dimming for all zones as one.
Photo Sensor 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.

ADDITIONAL OPTIONS:
Up to 4-zones with single LLEVO panel, additional LSEVO-4X, -8X expansion panels available for up to 20 zones. Additional LightSync switch stations as needed up to 32. Optional LightSync Touch Screen station with multi-zone relay and dimming control. LLEVO 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:
Occupancy sensor On-50% / Off (C405.2.1.1 &C405.2.1.3 #1)
#2 Permitted Overlapping control not provided.
Daylight control (C405.2.4)
Automatic receptacle control (C405.11.1)