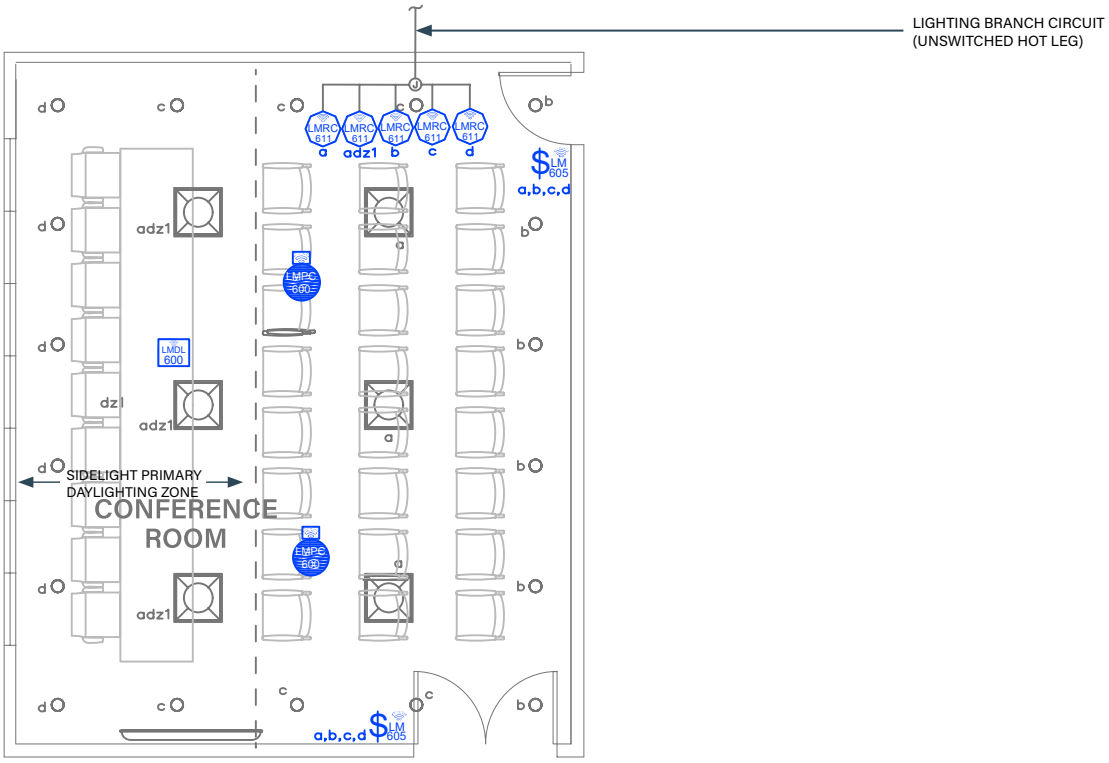
CONFERENCE ROOM

Dimming with Wireless DLM Product



SEQUENCE OF OPERATIONS

1. General lighting (a, adz1) auto On to 50% when occupancy detected.
2. Manual On/Off/Dim and reduction control of general lighting (a, adz1) and down lighting (b, c, d) with scene switches.
3. Scene settings
   a. General Lighting: (a, adz1) 100%, (b) 0%, (c) 0%, (d) 0%
   b. Projection: (a, adz1) 0%, (b) 75%, (c) 50%, (d) 0%
   c. Conferencing: (a, adz1) 50%, (b) 50%, (c) 25%, (d) 50%
   d. All Off: (a, adz1) 0%, (b) 0%, (c) 0%, (d) 0%
4. Lighting in daylight zone (adz1) will continuously dim based on daylight contribution to maintain at least 35FC at task level.
5. Auto Off all lighting and A/V systems within 20 minutes of occupants leaving.

DESIGN CONSIDERATIONS

- Time scheduling and remote programming functions are enabled by connectivity through using a LMBR-650 Border Router.
- To integrate occupancy detection control with the HVAC system, use contact outputs on the LMRC-611MCC.
- Although not required by 2018 IECC, receptacle control can be added to this space for additional energy savings using the wireless LMPL-611-20M Plug Load Room Controller.
- System Configuration Tools:
  - Standalone rooms use the configuration application (Apple or Android)
  - Networked rooms (with the LMBR-650) can be configured using LMCS-100

BILL OF MATERIALS

PART NO.	QTY	DESCRIPTION
LMRC-611MCC	5	Wireless 1-Relay Room Controller, 0-10V Dimming Metering, Contact Closure
LMPC-600	2	Wireless PIR Corner/Wall Occupancy Sensor, Wide Lens
LMSW-605	2	Wireless 5-Button Dimming Switch
LMDL-600	1	Wireless Photosensor, Open Loop
OPTIONAL		
LMPC-600-RPM		Recessed Plenum Mounting Kit

CODE REQUIREMENTS

C405.2.1	Occupancy Sensor Controls
C405.2.1.1	Manual On / Partial Auto On
C405.2.2.2	Light Reduction Controls
C405.2.3	Daylight Responsive Control
C405.2.4	Specific Application Lighting
C405.2.5	Manual Controls

2018 IECC COMPLIANT