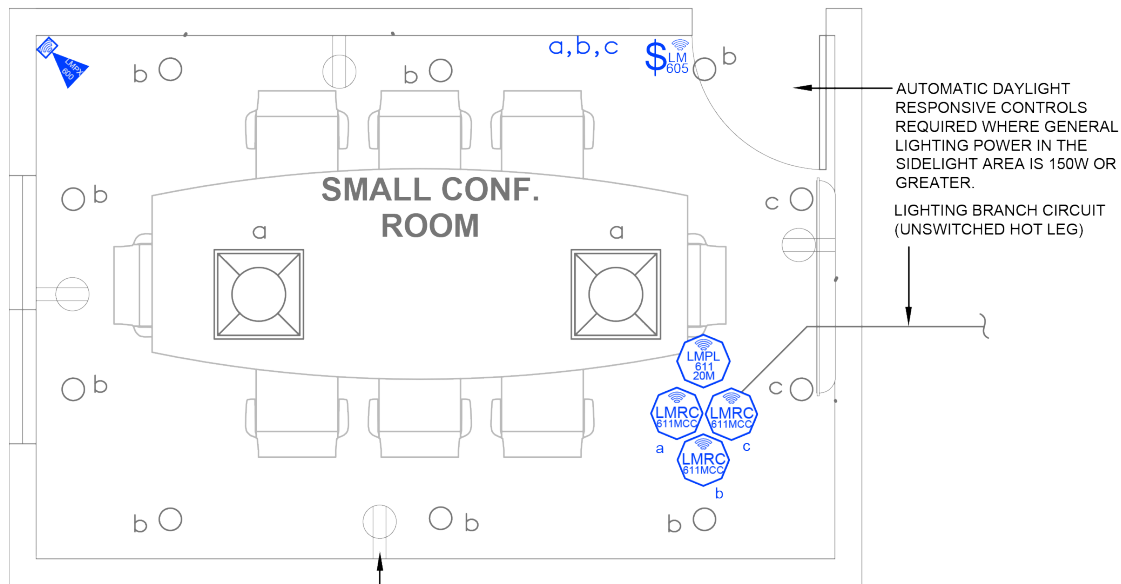


Small Conference Room

Dimming with Wireless DLM Product



AUTOMATIC DAYLIGHT RESPONSIVE CONTROLS REQUIRED WHERE GENERAL LIGHTING POWER IN THE SIDELIGHT AREA IS 150W OR GREATER.

LIGHTING BRANCH CIRCUIT (UNSWITCHED HOT LEG)

TYPICAL-ALL RECEPTACLES IN THE ROOM ARE TO BE CONNECTED TO AN UNSWITCHED HOT AND A SWITCHED HOT FOR RECEPTACLE SPLIT-CIRCUIT WIRING. PROVIDE A PERMANENT AND DURABLE MARKING FOR THE CONTROLLED RECEPTACLE AS REQUIRED BY ASHRAE 90.1 SECTION 8.4.2.

SEQUENCE OF OPERATIONS

- General lighting (a) auto On to 50% and controlled receptacles auto On when occupancy detected.
- Manual On/Off/Dim of general lighting (a) and down lighting (b, c) with scene switch.
- Scene settings

a. General Lighting	(a) 100%	(b) 0%	(c) 0%
b. Presentation	(a) 75%	(b) 50%	(c) 100%
c. Video	(a) 20%	(b) 75%	(c) 0%
d. All Off	(a) 0%	(b) 0%	(c) 0%
- Auto off all lighting and controlled receptacles within 20 minutes of occupants leaving.

DESIGN CONSIDERATIONS

- Receptacle control can be designed using either an RF transmitter with receptacle RF receivers, or can be hardwired to receptacles using an LMPL-101 Plug Load Room Controller
- Time scheduling, demand response and remote programming/diagnostic functions are enabled with installation of the LMBC-300 Network Bridge for system connectivity.
- To integrate occupancy detection control with the HVAC System, use a LMRL-100 Isolated Relay Interface.

BILL OF MATERIALS

LMRC-611MCC (3)	Wireless 1-Relay Room Controller, 0-10V Dimming Metering, Contact Closure
LMPX-600-1 (1)	Wireless PIR Corner/Wall Occupancy Sensor, Extended Lens
LMSW-605 (1)	Wireless Digital 5-Button Scene Switch
LMPL-611-20M (1)	Wireless 1 Relay Plug Load Controller, Metering

CODE REQUIREMENTS

9.4.1(a)	Local Control Device
9.4.1(b, c)	Manual On / Partial Auto On
9.4.1(d)	Bi-level Control
9.4.1(h)	Auto Full Off
8.4.2	Auto Receptacle Control