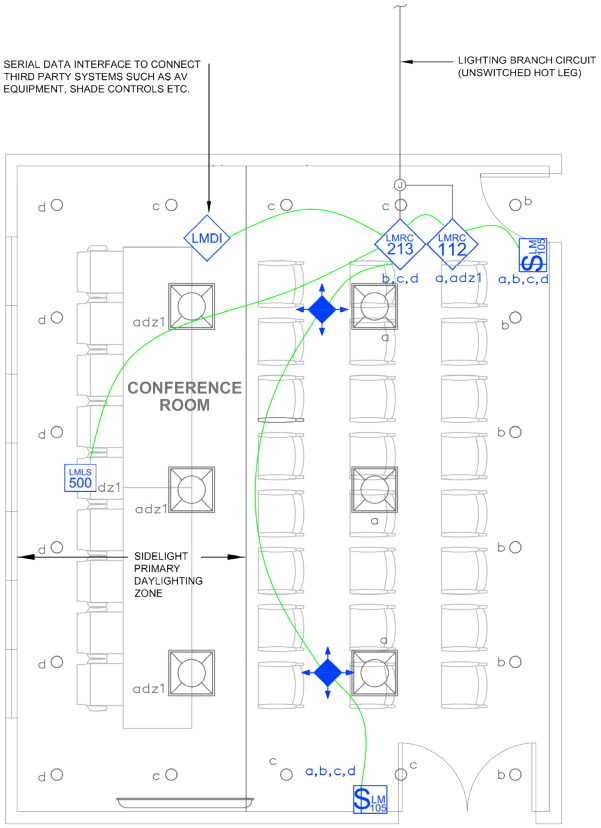
WATTSTOPPER®

Conference Room

IECC (2015) Compliant Dimming with DLM Product



SEQUENCE OF OPERATION

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.

BILL OF MATERIALS

LMRC-213 (1)	3-Relay Room Controller, 0-10V Dimming
LMRC-112 (1)	2-Relay Room Controller, 0-10V Dimming
LMDC-100 (2)	Ceiling Mount Dual Tech Occupancy Sensor
LMSW-105 (2)	5-Button Scene Switch
LMLS-500 (1)	Photosensor, Open Loop
LMDI-100 (1)	Serial Data (A/V) Interface
LMRJ	Pre-Terminated Cable

CODE REQUIREMENTS

C405.2.1	Occupancy Sensor Controls
C405.2.1.1	Manual On / Partial Auto On
C405.2.2.3	Manual Controls
C405.2.2.2	Light Reduction Controls
C405.2.3.2	Daylight Responsive Control

DESIGN CONSIDERATIONS

- Although not required by IECC, receptacle control can be added to this space for additional energy savings using either an RF transmitter with receptacle RF receivers, or hardwired 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.