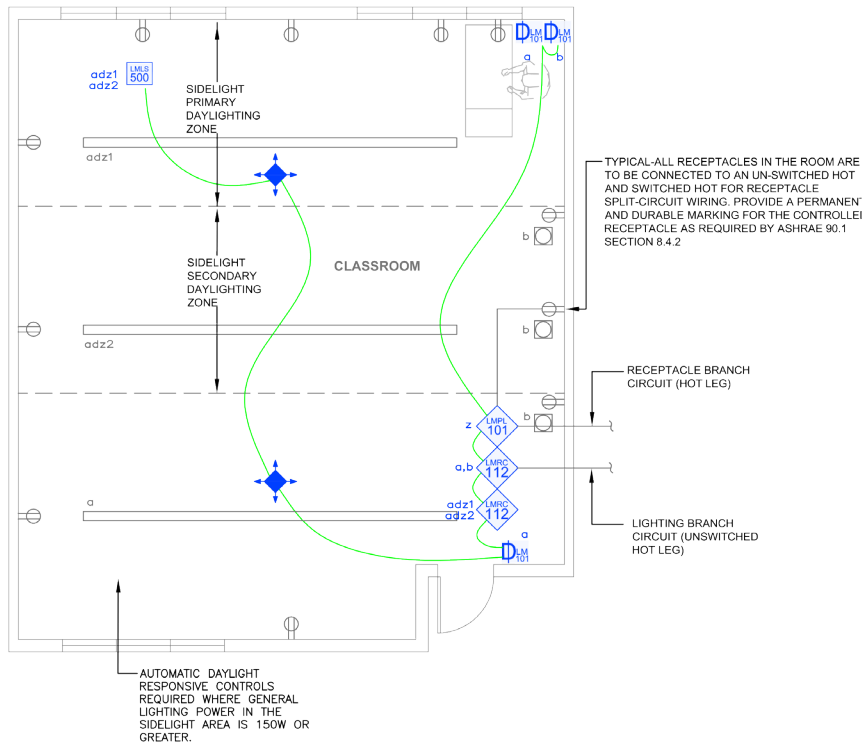


Classroom

Dimming with Wired DLM product



Component



Wired



Wireless

SEQUENCE OF OPERATIONS

1. General lighting (a, adz1, adz2) auto On to 50% and controlled receptacles auto on when occupancy detected.
2. Manual On/Off/Dim general lighting (a, adz1, adz2) with dimmer switches.
3. Manual On/Off/Dim white board lighting (b) with dimmer switch.
4. Lighting in primary (adz1) and secondary (adz2) daylight zones will continuously dim based on daylight contribution to maintain at least 35FC at task level.
5. 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-112 (2)	2-Relay Room Controller, 0-10V Dimming
LMDC-100 (2)	Ceiling Mount Dual Tech Occupancy Sensor
LMDM-101 (3)	1-Button Dimming Wall Switch
LMLS-500 (1)	Photosensor, Open Loop
LMPL-101 (1)	Plug Load Room Controller
LMRJ	Pre-Terminated Cable

CODE REQUIREMENTS

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