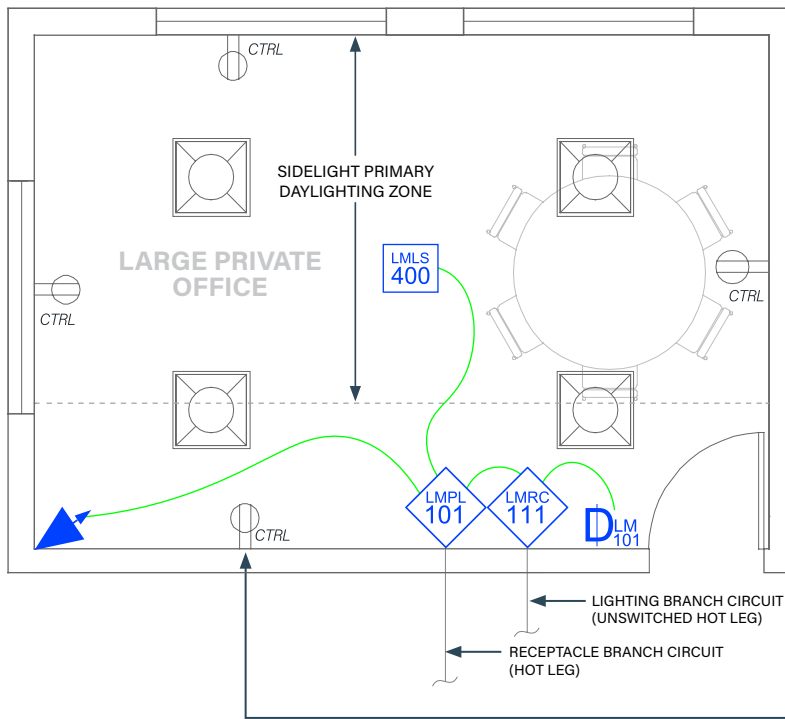




LARGE PRIVATE OFFICE

Dimming with Wired DLM Product



Wired



Wireless

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 NFPA 70 SECTION 406.3(E).

SEQUENCE OF OPERATIONS

1. Lighting auto On to 50% and controlled receptacles auto On when occupancy detected.
2. Manual On/Off/Dim lighting with dimmer switch.
3. Lighting in primary daylight zone will continuously dim based on daylight contribution to maintain at least 35FC at task level.
4. Auto off all lighting and controlled receptacles within 20 minutes of occupants leaving.

DESIGN CONSIDERATIONS

- Time scheduling, demand response and remote programming/diagnostic functions are enabled with installation of the LMBC-300 Network Bridge or LMBC-650 Wireless Bridge for system connectivity.
- Automatic receptacle control can be designed using either an RF transmitter with receptacle RF receivers, or hardwired receptacles using an LMPL-101 Plug Load Room Controller.
- To integrate occupancy detection control with the HVAC System, use a LMRL-100 Isolated Relay Interface.

BILL OF MATERIALS

PART NO.	QTY	DESCRIPTION
LMRC-111	1	1-Relay Room Controller, 0-10V Dimming
LMDX-100	1	Corner Mount Dual Tech Occupancy Sensor
LMDM-101	1	1-Button Dimming Wall Switch
LMLS-400	1	Photosensor, Closed Loop
LMPL-101	1	Plug Load Room Controller
LMRJ	A/R	Pre-Terminated Cable

CODE REQUIREMENTS

C405.2.1	Occupancy Sensor Control
C405.2.1.1	Manual On / Partial Auto On
C405.2.4.2	Daylight Responsive Control
C405.2.6	Manual Control
C405.11	Auto Receptacle Control