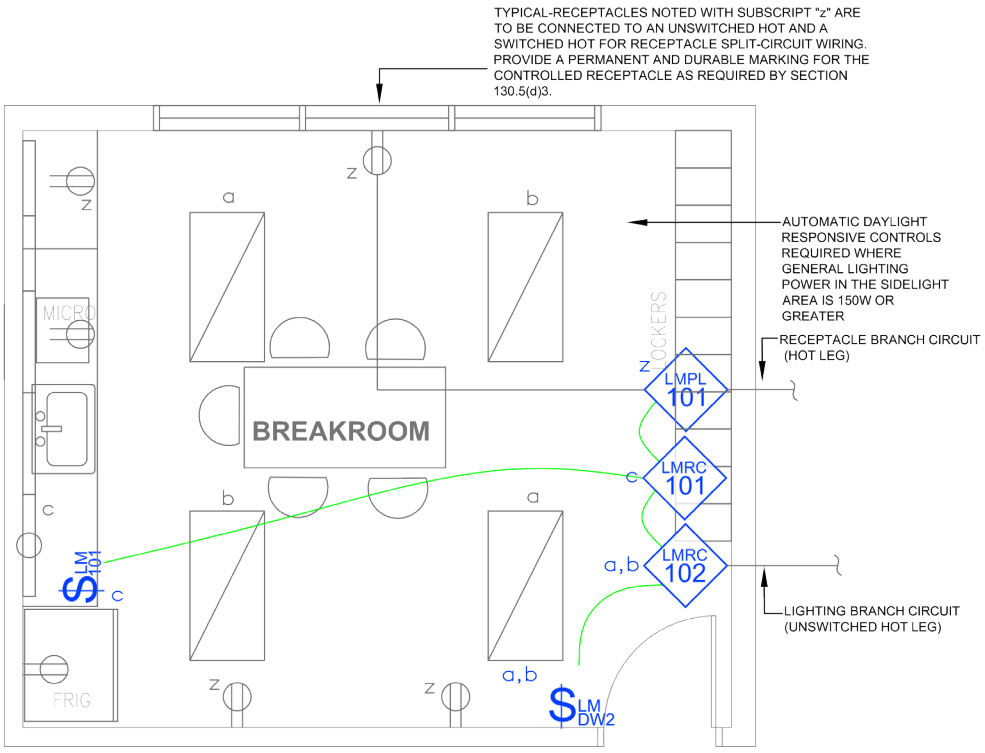
Breakroom/Kitchen

On/Off Switching with DLM Product



Component

Wired

Wireless

SEQUENCE OF OPERATIONS

1. Lighting (a) auto On to 50% and controlled receptacles auto On when occupancy detected.
2. Manual On/Off and bi-level 50% control of general lighting (a, b) with wall switch occupancy sensor.
3. Manual On/Off control under cabinet lighting (c) with switch.
4. 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.
- A ceiling or corner mount occupancy sensor can be used instead of the wall switch occupancy sensor for larger rooms or to achieve a more specific area of occupancy detection coverage.
- 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-101 (1)	1-Relay Room Controller
LMRC-102 (1)	2-Relay Room Controller
LMDW-102 (1)	2-Button Dual Tech Wall Switch Occupancy Sensor
LMSW-101 (1)	1-Button Digital
Wall Switch	
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(h)	Auto Full Off
8.4.2	Auto Receptacle Control