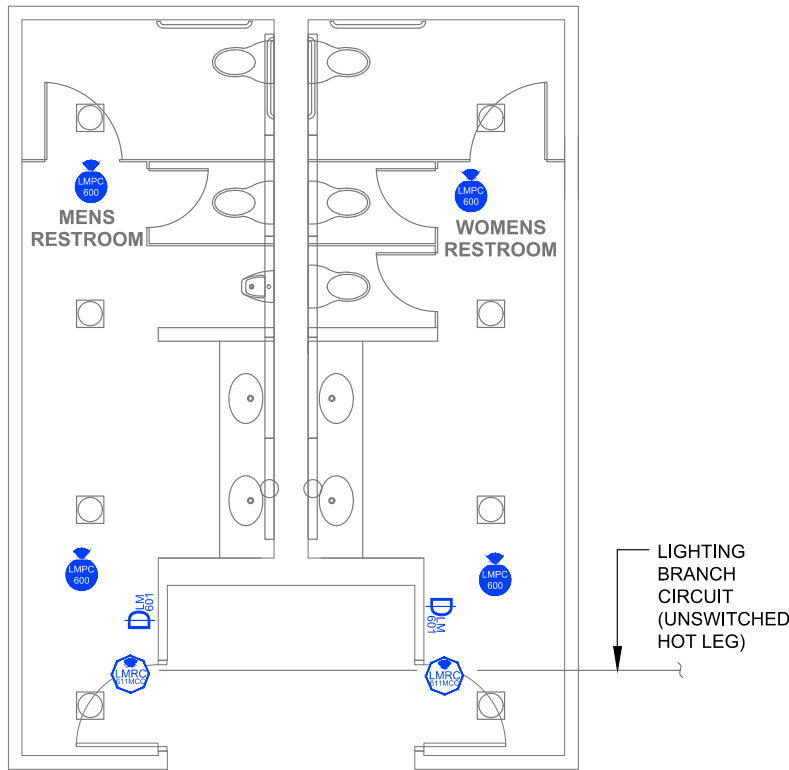


Multi-Stall Restroom

Dimming with Wireless DLM Product



Component



Wired



Hybrid



Wireless

SEQUENCE OF OPERATIONS

1. For each restroom independently, lighting auto On to 50% and exhaust fan auto on when occupancy detected.
2. Manual On/Off/Dim lighting with dimmer switches.
3. Auto Off all lighting and exhaust fans for each restroom independently within 20 minutes of occupants leaving.
4. A network demand response signal will reduce lighting level by a minimum of 15% of total lighting power.

DESIGN CONSIDERATIONS

- It is important that each restroom operate independently and have its own connection to Wireless Network to isolate them for correct auto configuration and operation of each independent exhaust fan.
- If Demand Responsive 15% lighting power reduction (Title 24 110.12(c)) for this space is offset by more aggressive light reduction in other spaces, connection to the lighting control network may not be necessary, thereby not requiring the LMRC-611MCC IPv6 network and associated network wireless router LMBR-650.
- Time scheduling and remote programming functions are enable by connectivity to a LMBR-650 Border Router
- To integrate occupancy detection control with the HVAC System, use contact outputs on the LMRC-611MCC.
- System Configuration Tools: Standalone rooms use the configuration application (Apple or Android); Networked rooms

BILL OF MATERIALS

LMRC-611MCC (2)	Wireless 1-Relay Room Controller, 0-10V Dimming, Metering, Contact Closure
LMPC-600 (4)	Wireless Ceiling Mount Occupancy Sensors, Extended Lens
LMDM-601 (1)	Wireless Digital 1-Button Scene Switch
Optional: LMPC-600-RPM	Recessed Plenum Mounting Kit

CODE REQUIREMENTS

130.1(a)1-3	Area Controls
130.1(a)4	Separately Controlled Lighting
130.1(b)	Multi-Level Controls
130.1(c)5	Occupancy Sensor Shut-Off Controls
110.12(c)	Demand Responsive Controls