

**Aesthetic, energy-
efficient lighting
control solutions for
hospitality facilities**



QUICK GUIDE TO LIGHTING CONTROL FOR HOTELS

 **WattStopper**

■ PUTTING A STOP TO ENERGY WASTE®

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Restaurant

Hotel restaurants typically serve three meals a day and patrons expect a different ambience morning, noon and night. Advances in wireless lighting controls have made adding scene control capabilities to new and existing facilities simple and cost-effective.



Wireless Miro RF Lighting Controls

- Dimmers let managers set unique moods for each meal service
- Scene controllers provide one-touch control and repeatable looks
- Smooth fades and consistent light levels contribute to customer satisfaction
- Available in two elegant styles – architectural and decorator
- RF communications eliminate the need for control wiring
- Reduce wall clutter and put control where it's needed, such as at a maitre d' station
- Easy to specify and install for retrofits or new construction



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Lobby/ Atrium

Hotel guests enjoy architectural design that brings the beauty of the surroundings into indoor spaces, providing a sense of openness along with the ambient daylight. Watt Stopper's controllers integrate the daylight available in spaces such as atriums and lobbies with the electric light, and reduce the amount of energy consumed by lighting.



LightSaver Daylighting Controllers

- Dim or switch controlled lights off when sufficient daylight is present
- Available for single- or multi-zone control
- Easily integrate with other controls, such as occupancy sensors and lighting control panels, for maximum energy savings

Public Restroom

Without automatic controls, lighting in public access restrooms is often left

on 24 hours a day. An ideal solution is to install a Watt Stopper ultrasonic occupancy sensor on the ceiling above the restroom stalls ensuring that lights turn on and remain on when the space is occupied and turn off after the space is vacated.



UT Ultrasonic Occupancy Sensor

- New, low-profile design is unobtrusive and aesthetically pleasing
- Detects occupancy beyond most obstacles such as partitions between stalls



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Meeting Rooms

Dimmers and scene

controls that allow clients to customize the lighting in meeting and conference rooms add value, making the spaces more attractive for rental. Occupancy sensors ensure that these spaces are only lit when they are in use, translating into reduced utility bills.



DT Dual Technology Occupancy Sensors

- Combine passive infrared and ultrasonic sensing technologies for increased sensitivity and coverage
- Ideal for large spaces
- Available in multiple mounting configurations, including corner mount
- Can be combined with standard wall switch for manual control

Wireless Miro RF Lighting Controls

- Dimmers enhance events and AV presentations
- Scene controllers simplify control and provide repeatable lighting
- Wireless design facilitates installation and control location
- Integrate with occupancy-based controls



Housekeeping Storage

Housekeepers with their hands full may neglect to turn off lighting in the many supply rooms scattered throughout a hospitality facility – after all, they don't pay the power bills. Providing occupancy-based controls in these rooms ensures energy savings and lets the staff work efficiently by automating the lighting control.

UT Ultrasonic Occupancy Sensor

- Automatic-on when personnel enter for hands-free convenience
- Automatic-off after personnel exit for maximum energy savings



Utility Rooms

Similar in usage patterns to housekeeping storage, utility room and other hotel storage room lighting is often left on all day when the space is only occupied intermittently. With floor to ceiling shelving, or other features unsuitable to occupancy sensors, these spaces are best controlled by time switches.

TS Digital Time Switch

- Easily replaces a standard wall switch for retrofit or new construction
- Automatic-off after a preset time (5 minutes to 12 hours)
- Convenient manual-on switch button – eliminates random energy consumption of rotary timers
- Electroluminescent backlit display shows the timer's countdown
- Time scroll feature allows user to temporarily override the preset time



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Exterior Lighting

Exterior lighting is critical to guest safety and security, as well as to ambience, and represents a large component of a facility's energy use. Parking lots, garages,

walkways, canopies, pool and patio areas all have different control requirements, but centralized control solutions ensure that lights are on when needed while preventing energy waste and maximizing savings.



LP “Peanut” Lighting Control Panels

- Provide automated control using scheduling or astronomic strategies
- Simple to operate and install
- Convenient preprogrammed control scenarios
- Can accept input from optional photosensors, occupancy sensors or switches



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Back of the House

Hotel spaces that are used for operations present an enormous opportunity for energy savings, as lighting is often left on for long periods of time when these areas are not in use. Controls such as occupancy sensors and time switches can help to keep energy use and operating costs down.

Kitchens

Implement occupancy sensors in the kitchen areas. Lights will turn on and remain on as long as workers are present.

Hallways

Occupancy-based lighting control is also recommended for the back of the house hallways.

Cold storage

The CB low-temp occupancy sensor controls lights specifically in spaces such as cold storage.

Warehouse

Install passive infrared sensors in the warehouse to turn lights on and off automatically in specific areas such as shelving aisleways.



UT
Ultrasonic
Occupancy
Sensor

CB Low
Temperature
Occupancy
Sensor

CX Passive
Infrared
Ceiling/Wall
Sensor

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Business Offices

Not to be forgotten are the private offices occupied by hospitality executives and management staff. Why leave lights on in vacant offices when occupants are attending meetings or are elsewhere on the property?



PW Passive Infrared Wall Switch Sensor

- Easily replaces standard wall switches for retrofit or new construction
- Choice of automatic- or manual-on operation
- High sensitivity and dense coverage for exceptional performance

Isolé Power Strip with Personal Sensor

- Energy-saving control system for desktop plug load equipment such as monitors, printers and lamps

Open office plans can also benefit from controls. For comprehensive design and application guidance, consult Watt Stopper/Legrand's new "Best Practice Guide to Office Buildings," available as an e-Book online or from your sales representative.

Complete lighting control solutions for every building

Occupancy and Vacancy Controls | Daylighting Controls | Wireless RF Lighting Controls | Lighting Control Panels