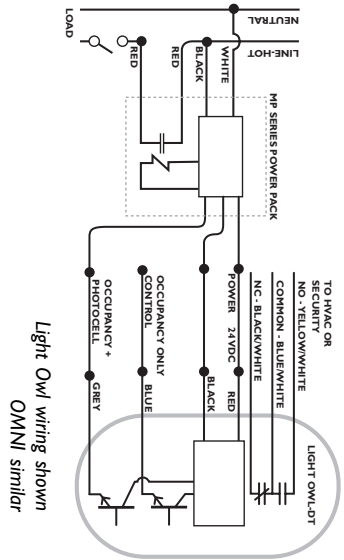


The -RP option adds a photocell and an isolated relay.

Two Control Wires

An additional wire (gray) combines occupancy plus low light level to control a MP series power pack.

The blue wire (occupancy only) can be used to control another power pack for just occupancy. Dual zone lighting can be achieved by wiring a slave pack to the blue wire.



Light Owl wiring shown
OMNI similar

Gray Wire Logic:

When room is first occupied

Light Level	Lights
Below set value	Turn on
Above set value	Remain off

During Occupancy

Light Level	Lights
Falls below set value	Turn on
Moves above set value	Remain on

Photocell Operation

The photocell prevents the lights from turning on when the area is adequately lit with natural light. The sensor must be mounted directly over an area that is representative of the average, natural room lighting. Wait until the natural light is bright enough to adequately light the room before setting the photocell control.

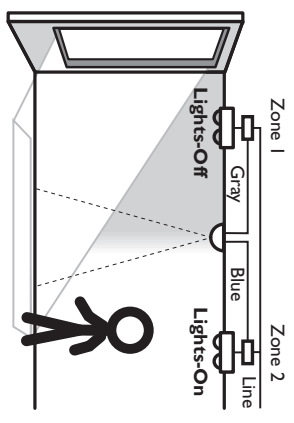


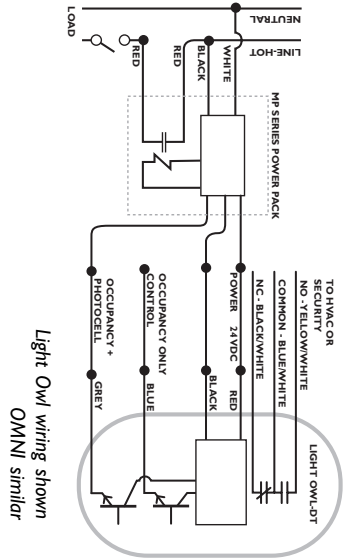
Diagram shows how a single sensor can control two zones. Use a MP-V and MP-S auxiliary power packs (one each).

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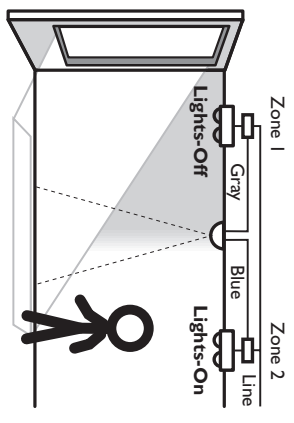
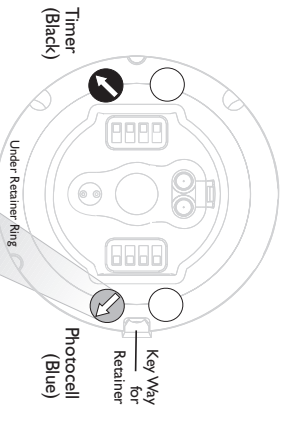


Diagram shows how a single sensor can control two zones. Use a MP-V and MP-S auxiliary power packs (one each).



Range: 10 to 1000 LUX
1 to 100 Foot/Candles (approx.)

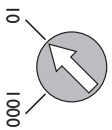
10 Min. Max. 1000

Adjusting the "Lights Not ON" Level

Control Settings (Blue Knob)

1. Place timer in test mode.

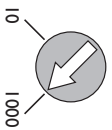
Begin by setting the black timer knob to the 8 second test mode (full counterclockwise). (Turn control full clockwise, then full counterclockwise. Timer will remain in 8 second test mode for one hour unless the knob is moved to another setting.)



Minimum: (Low)
Lights will never come on, even though room is occupied.

2. Set photocell to max.

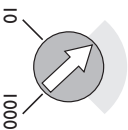
Now adjust the blue photocell knob full clockwise, which will keep the lights on no matter how bright the natural light is, then just slightly counterclockwise from that position (about 30 degrees).



Maximum: (High)
Photocell has no effect on operation (factory setting).

3. Check for lights-out.

Step down and move yourself and your ladder out from underneath the sensor. Remain absolutely still and wait for the lights to turn off. Now move around enough to normally turn the light on.



Normal:
200 to 600 LUX is normal range.

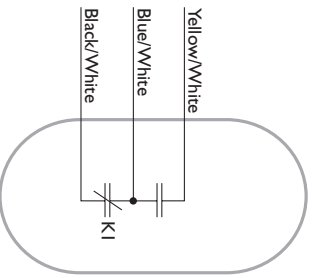
4. Adjust to desired level.

If the lights do remain off, adjust the blue photocell knob another 30 degrees, move away, wait for the lights to turn off, then test it again. Repeat this process until the lights remain off.

Isolated Relay Option (-RP Option)

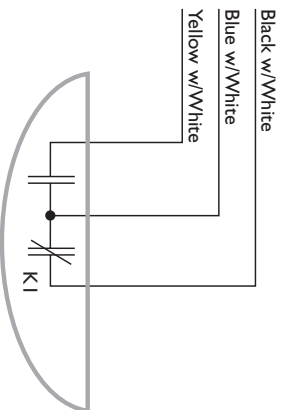
An extra isolated relay may be provided. These dry (electrically isolated) contacts are single pole, double throw. The contacts open and close according to occupancy sensing.

Relay Wiring For Light Owl



K1	Blue/ Yellow	Blue/ Black
Occupied	Closed	Open
Unoccupied, Timer Elapsed	Open	Closed

Relay Wiring For OMNI Sensor



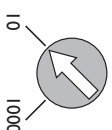
K1	Blue/ Yellow	Blue/ Black
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Unoccupied, Timer Elapsed	Open	Closed

Adjusting the "Lights Not ON" Level

Control Settings (Blue Knob)

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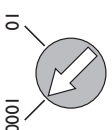
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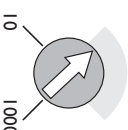
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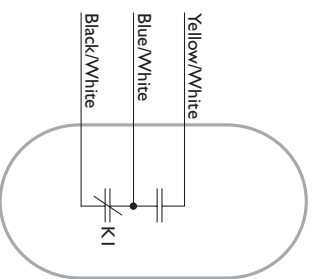
4. Adjust to desired level.

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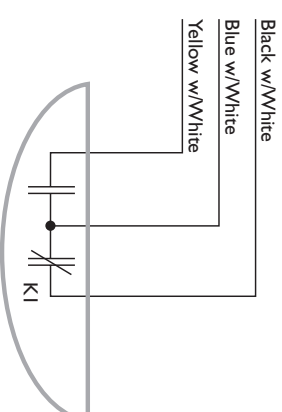
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Relay Wiring For Light Owl



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Occupied	Closed	Open
Unoccupied, Timer Elapsed	Open	Closed

Relay Wiring For OMNI Sensor



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Occupied	Closed	Open
Unoccupied, Timer Elapsed	Open	Closed