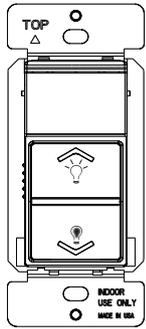


INSTALLATION INSTRUCTIONS



DWODS-120

OCCUPANCY / VACANCY
SENSOR DIMMER SWITCH



SPECIFICATIONS

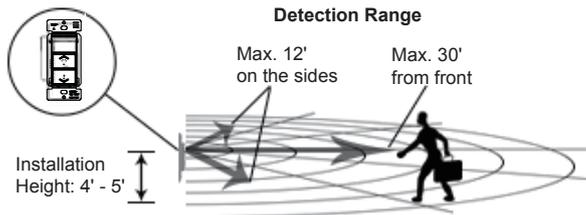
Voltage.....	120VAC, 60Hz
Tungsten	600W
Electronic Ballast/LED	150W/1.25A
Time Delay.....	15Sec, 10, 20, and 30Mins
Default Light Level.....	30 Lux--Daylight
Operating temperature.....	32°F~104°F(0°C~40°C)

DESCRIPTION

The DWODS-120 sensor dimmer switch uses advanced passive infrared sensor to detect heat emitted motion. The sensor switch can turn on a load and keep it on as long as it detects motion. The dimmer works just like our 57302 dimmer, gradually turning lights on and off, allowing your eyes to adjust to the new light level. Use the rocker to adjust the light level for any activity, or set the preset level to ensure lights always turn on to your desired light level. The sensor will automatically shut off the load at the end of the selected time delay. The countdown of the selected time delay starts after the last motion detected.

COVERAGE

The DWODS-120 has a 180° detection range with a maximum distance of 30' detection in front of the sensor and 12' on the sides providing 1000 sq. ft. of coverage. For maximum results, the sensor must be properly installed between the height of 4' to 5' and away from obstructions such as walls, furniture and transparent barriers like Low-E glass.



1

WARNING

Turn the POWER OFF at the circuit breaker before installing the sensor

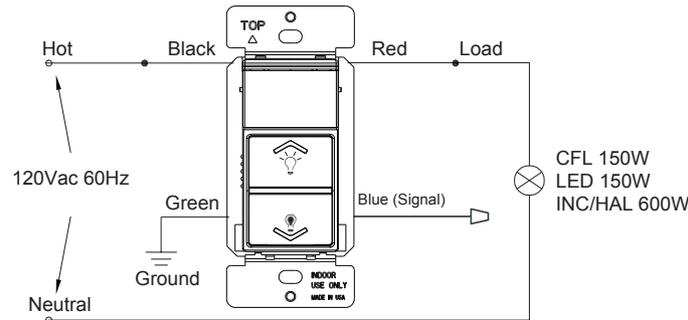
Read and understand these instructions before installing. This device is intended for installation in accordance with the National Electric Code and local regulations. It is recommended that a qualified electrician performs this installation. Make sure to turn off the circuit breaker or fuse(s).

Use copper wires only.

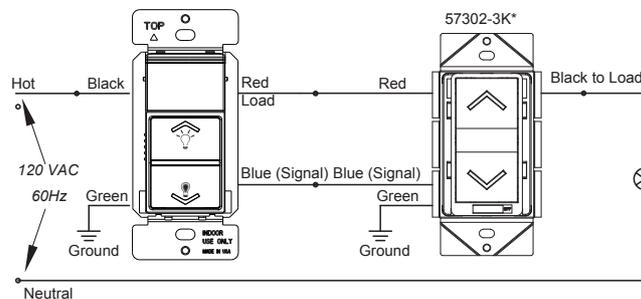
WIRING DIRECTIONS

1. Connect RED wire from sensor to the LOAD wire.
2. Connect BLACK wire from sensor to the HOT wire.
3. Connect GREEN wire from sensor to the GROUND wire.
4. Cap the Blue wire.

Single-Pole Wiring

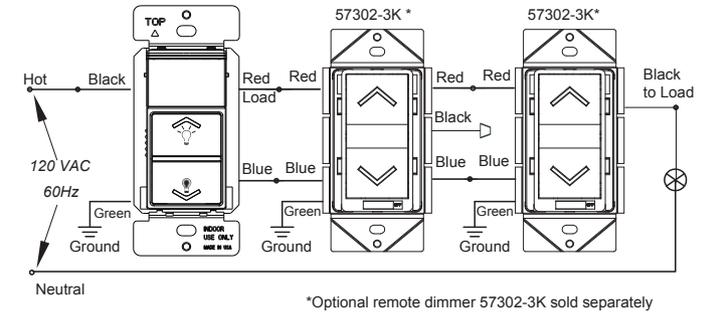


3-Way Wiring with 57302-3K Remote Dimmer



2

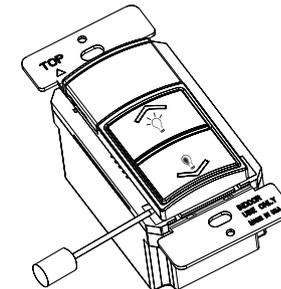
4-Way Wiring with Two 57302-3K Remote Dimmers



*Optional remote dimmer 57302-3K sold separately

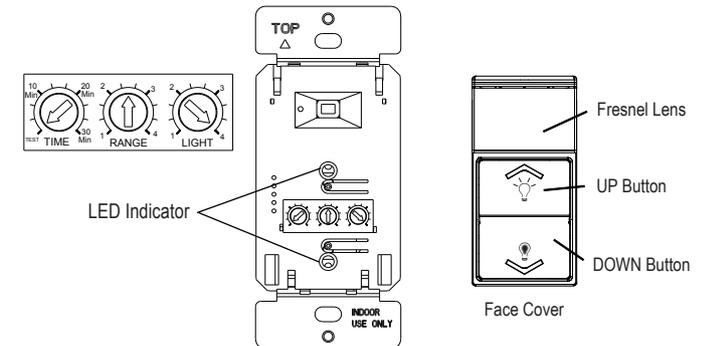
FACE COVER REMOVAL

Gently remove the face cover using a flat blade screwdriver. Find the slots at the bottom left or right of the panel cover and pry the panel cover loose.



TIME DELAY ADJUSTMENT

Located on the left, this switch adjusts the time delay. Default position: 15 Seconds (Test mode) Selectable: Test (15secs), 10, 20, and 30mins.



3

SENSOR SENSITIVITY ADJUSTMENT

Default position: Center at 65%
Adjustable: 30% (Position 1) to 100% (Position 4)

Note: Turn toward right for greater room space. Turn toward left to avoid false alert in smaller room and near the door way or heat source.

AMBIENT LIGHT LEVEL ADJUSTMENT

To adjust the Ambient Light Level, make sure that power has been restored to the switch for at least 3 minutes. The Ambient Light Level must be adjusted ONLY when the ambient light in the room is at the desire level of operation. Follow these steps to make a more accurate adjustment of the Light Control.

- With the lights ON, rotate the Time Control fully counter-clockwise to set the time control to the (15) second test mode
- Rotate the Light Control fully counter-clockwise
- Cover the Sensor fresnel lens with an opaque material, or leave the room and let the Sensor switch time-out and turn the lights OFF.
- Rotate the Light Control clockwise SLOWLY, until the light turns ON. This is the setting for the current level of light in the room.

OPERATION

Operating Modes

(Occupancy Mode) Auto On/Automatic Off Lights. ---Default Mode

The Light will automatically turn ON by PIR. Auto OFF by time delay.

Press the UP button to turn ON, lights turn ON and then turn OFF by preset time delay.

Press the DOWN button to turn OFF, lights turn off completely.

After 15 seconds, PIR resets and lights turn ON if motion is detected.

(Vacancy Mode) Manual On/Automatic Off Lights.

Press the UP button to turn the Lights ON and Lights turn OFF automatically after preset time delay.

If motion is detected (within 30 seconds) of the lights turning off, the Lights turn ON.

Tap the DOWN button to turn OFF, lights turn off completely.

Switch Back And Forth Between VACANCY And OCCUPANCY Mode.

LED Indicator : Bi-Color (Red or White LED)

Press and hold both UP and DOWN buttons for 5 seconds, the bottom arrow Red led indicator will flash twice to confirm the sensor has switched to VACANCY mode. Press and hold both UP and DOWN buttons again for 5 seconds, the bottom arrow RED led indicator will flash four times to confirm the sensor has switched to OCCUPANCY mode.

Manual Control--Dimming

Turn ON/OFF and control the brightness level of the connected lighting.

-To turn the connected lighting ON: Tap the UP button of the switch.

-To turn the connected lighting OFF: Tap the DOWN button of the switch.

--To brighten the connected lighting: Press and hold the UP button of the switch , release when desired level is achieved.

--To dim the connected lighting: Press and hold the DOWN button of th switch , release when desired level is achieved.

TROUBLESHOOTING

NOTE: There is a 3 minutes warm-up time at initial power-up. The load may turn on/off several times during the warm-up.

The Load does not turn On when a person walks in the room:

1. Make sure power is turned on at the panel.
2. Make sure a GFCI switch nearby or at the panel is not tripped.
3. Push Manual On/Off Button, if the load turns On; reset the Ambient Light Level.
4. Check the wiring connection for loose wire cap.
5. Switch may be in VACancy mode.

The Load does not turn Off:

1. Motion may be detected. The time delay constantly restarts its countdown after the last motion detected. To verify proper operation, turn the Time Delay Knob to 15s (Test Mode) and make sure there is no motion (no LED flashing). Tape may be used to cover the fresnel lens while testing.
2. Check for significant heat source emitting within six feet (two meters) such as high wattage light bulb, portable heaters or HAVC vents.
3. Check the wiring. Make sure the HOT and LOAD wires aren't reversed.

The Load turns on when its not desired:

1. Motion may be detected. The time delay constantly restarts its countdown after the last motion detected. To verify proper operation, turn the Time Delay Knob to 15s (Test Mode) and make sure there is no motion (no LED flashing). Tape may be used to cover the fresnel lens while testing.
2. Check for significant heat source emitting within six feet (two meters) such as high wattage light bulb, portable heaters or HAVC vents.
3. If Manual operation of push-button is desired, select VAC mode on the Mode Switch.

WARRANTY INFORMATION

This device is warranted to be free of material and workmanship defects for 2 years from the date of purchase. Original receipt or proof of purchase from an authorized retailer must be presented upon warranty claim. ALL claims must be verified and approved by Enerlites, Inc. Warranties from other Enerlites products may vary. This warranty is nontransferable and does not cover normal wear and tear or any malfunction, failure, or defect resulting from misuse, abuse, neglect, alteration, modification, or improper installation. To the fullest extent permitted by the applicable state law, Enerlites shall not be liable to the purchaser or end user customer of Enerlites products for direct, indirect, incidental, or consequential damages even if Enerlites has been advised of the possibility of such damages. Enerlites' total liability under this or any other warranty, express or implied, is limited to repair, replacement or refund. Repair, replacement or refund are the sole and exclusive remedies for breach of warranty or any other legal theory.

