Product Overview

The WOS3-PC Wireless Occupancy/Daylight sensor is designed for celiing installation on suspended celing tiles or to drywall. This device is designed for energy savings based on space occupancy status. The wireless communication utilizes secure and reliable connection and help minimize installation cost and complexity.

The WA200 series Room Controllers are ideally combined with the WOS3-PC Ceiling Sensors and the WWD2 Wall Station for a complete stand-alone room control solution or as part of a larger networked lighting control system.

BEFORE YOU BEGIN

Read these instructions completely and carefully.
Save these instructions for future use.

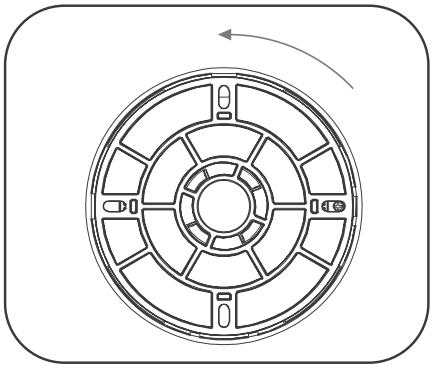
IMPORTANT

To ensure the product warranty is valid, please ensure all installation instructions and environmental conditions for storage and operation are complied with.
Installation to be performed by factory trained or qualified personnel.

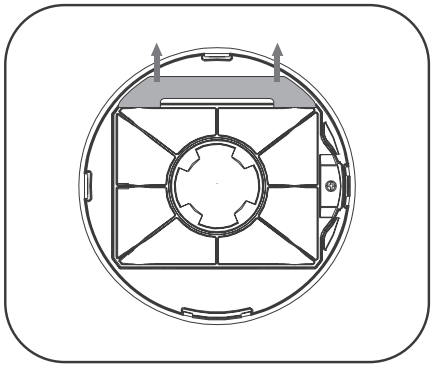
Save These Instructions

Use only in the manner intended by the manufacturer.
If you have any questions, contact the manufacturer.

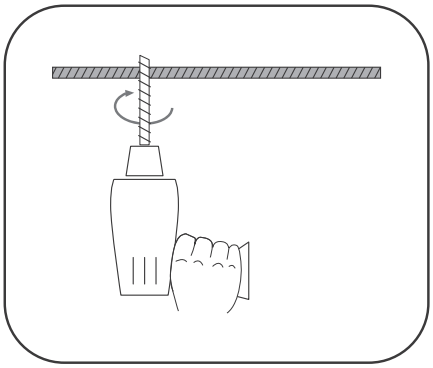
Installation of Back Plate onto Ceiling



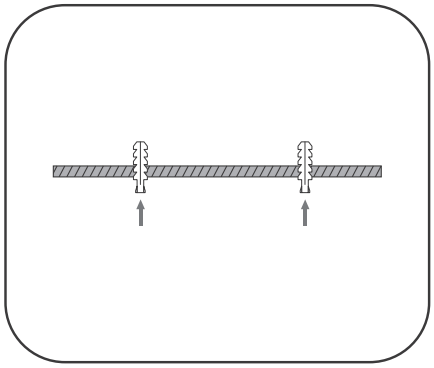
1 Rotate mounting plate, Counterclockwise rotation to separate the back plate from the device.



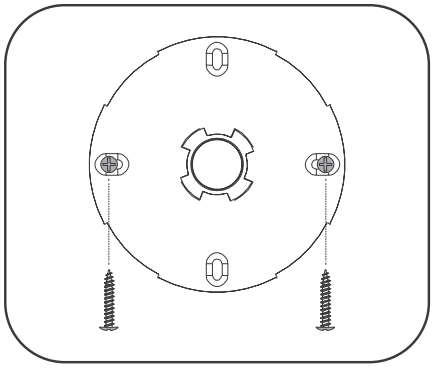
2 Remove the plastic tabs from battery compartment.



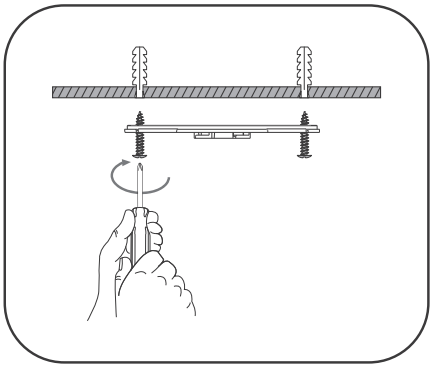
3 (This step is for installing on wood or cement, if installing on drywall, proceed directly to step 5.) Drill a hole in the ceiling. The hole diameter equal to the size of the wall anchor .



4 Insert the wall anchor into the hole.



5 For installing on drywall, pass the screws through the installing holes on the back plate. For installing on wood or cement, screw should pass the screws and align with the hole drilled in step 3.



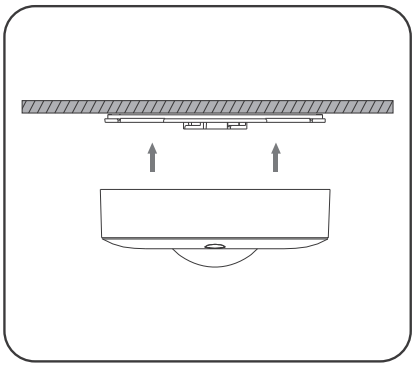
6 For installing on drywall, lock the screw vertically on the wall. For installing on wood or cement, lock the screw into wall anchor.

Sensor Placement

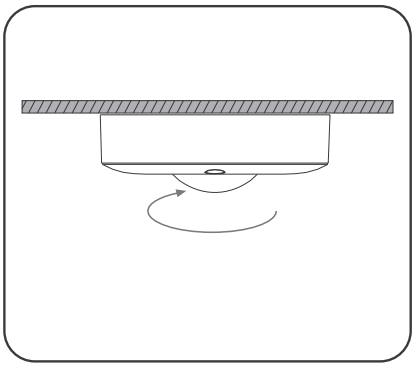
The WOS3-PC sensor must be at least 5’ away from hot or cold sources such as heat or air conditioning vents, refrigerators, stoves, etc. The PIR sensor cannot be installed in places with strong air flow.

The WOS3-PC sensor must have clear line of sight to the coverage area. It may not detect human body if it is blocked by furniture, fixtures, large plants, glass, curtains, etc.

Installation of Device onto Back Plate

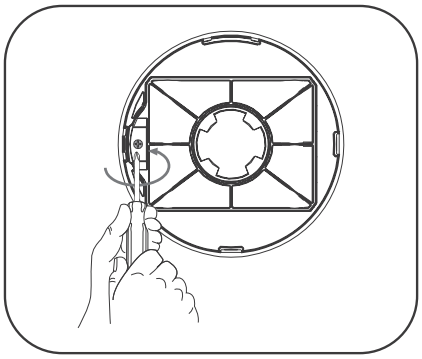


1 Align the device with back plate by positioning hole.

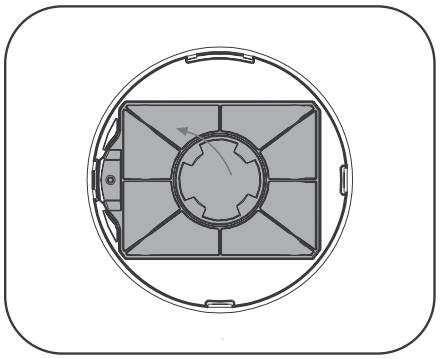


2 Rotate device clockwise to install onto the back plate.

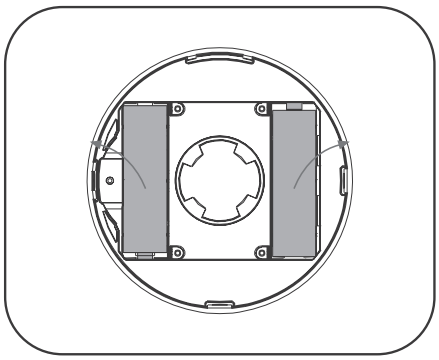
Battery Replacement



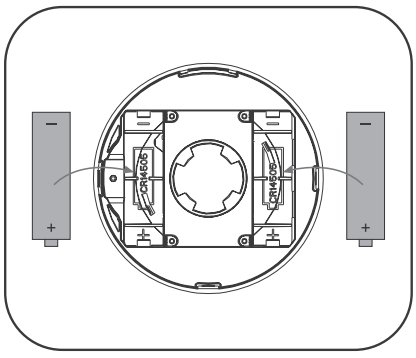
1 Remove device from ceiling by rotating counter clockwise. Then, unscrew the screw from battery housing cover



2 Remove the battery cover

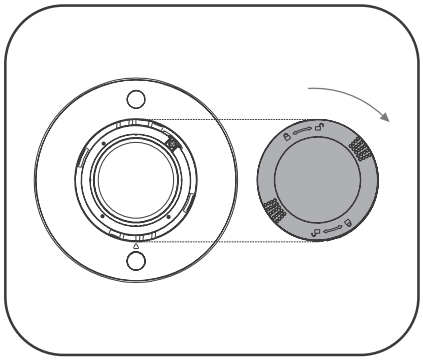


3 Remove the expired batteries

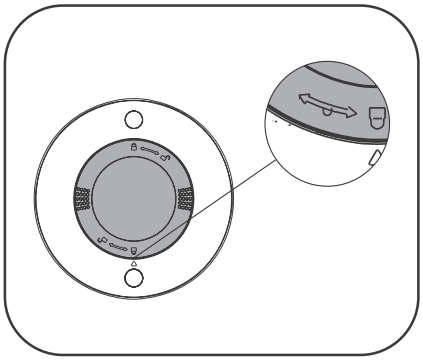


4 Install new batteries. then reverse previous steps to finish the battery replacement. (Only use CR14505 for WOS3 devices)

(Optional) Masking Installation

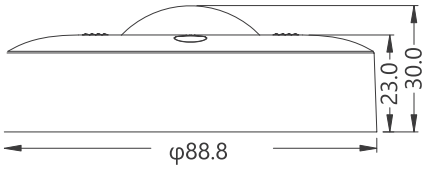


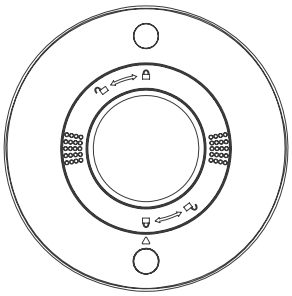
1 Remove existing ring by rotating the ring and align the unlock symbol with the triangle. Replace the ring with optional masking onto the track with the unlock symbol lined up with the arrow on the device. The lock symbol should be to the left of the arrow.

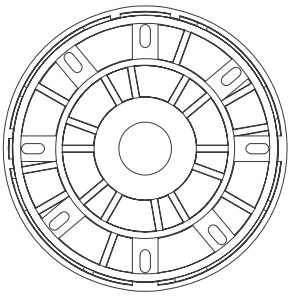


2 To secure the ring into place, rotate the ring clockwise. The ring is locked when the triangle on the device points to the lock icon on the ring.

Product Dimensions







Adding the WOS3-PC to a "Room" using the App

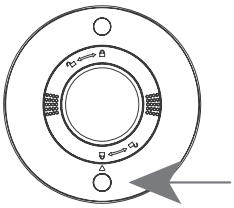
To add the WOS3-PC to a "Room" involves scanning the QR code and setting the device into network joining mode. The network joining mode is initiated either when the device is first time powered up or following a factory reset. Prior to commissioning the WOS3-PC the "Room" shall contain at least another Bluetooth device such as the WA200 series. room controller.

Adding the WOS3-PC to a networked system

Using the cloud-based software, initiate the Discovery process prior to energizing the WOS3-PC sensor, so as soon the power is applied, the sensor will enter the network joining mode. The sensor will repeat the process every 30 minutes, so if the device was energized prior to initiating the Discovery process, then it will join the network with at least 30 minutes delay. To expedite the process can perform a Factory Reset which initiates the network joining mode.

Product Operation

Button Functionality



Reset Button

Short Press	Installation Test Mode ON
Double Short Press	Enable/Disable LED Indicator
Hold 5 Seconds	Reset to Factory default

LED Indicator in Red

Rapid flash (12 times per second) for up to 30 seconds	Device is trying to join a network
Solid ON for 10 seconds	Device successfully joined a network
Flashes once (100ms duration)	Device has been activated while in the network
Flashes ON 2 seconds every 30 seconds	Batteries need to be replaced

LED Indicator in Green

Flashes once(100ms duration)	Occupancy has been detected

Technical Data

Product Specifications

Dimensions	89mm D x 30mm H
Weight	81g (without battery)
Power Supply	(2) CR14505 3V Lithium Battery
Battery Life	10 years (normal operation)
Operating Environment	-10°C to 40°C (Indoor Use Only)
Status Indicator	Network join status, Occupancy detected
Mounting	Screw Mounted
Warranty	5 years
Purpose of Control	Occupancy Sensing & Daylight Harvesting
Frequency band of radio operation:	2405-2480 MHz
Maximum radio transmit power:	8.5 dBm

Product Availablity

DESCRIPTION	Product NO
Ceiling Mounted Occupancy Sensor and Photo Sensor	WOS3-PC

Product Certifications and Regulatory Marks

c UL us LISTED
Sensor Control
E486320

FCC ID: 2AS3F-WOS3
IC: 25008-WOS3

FCC ID: 2AS3F-WOS3PC
IC: 25008-WOS3PC

The lithium batteries supplied with your wireless switch are prone to leak over their lifetime, particularly when the battery is mostly depleted. In the event that your battery leaks into the battery compartment, the chemicals can damage the metal terminals.
The chances of this happening can be reduced by changing the batteries in the switch promptly when the batteries are nearing their end of their useful life. If a battery leak should occur, however, it should be cleaned up to prevent damage to the wireless switch.

WARNING: THE CHEMICALS LEAKED FROM LITHIUM BATTERIES ARE CORROSIVE. WHEN HANDLING LEAKING BATTERIES, PROPER PERSONAL SAFETY EQUIPMENT SHOULD BE USED, INCLUDING RUBBER GLOVES AND EYE PROTECTION.

If it is discovered that the batteries have leaked, wearing rubber gloves and using eye protection, remove all of the batteries from the battery compartment and seal them in a plastic bag. The bag should be discarded in a manner in accordance with local laws and regulations. Then, using a small cloth lightly moistened with vinegar or other mild acid, carefully wipe all of the leaked battery chemicals from inside the battery compartment and allow it to dry. Once dry, the batteries may be replaced and the switch may be reinstalled.

Supplier's Declaration of Conformity

47 CFR ¤ 2.1077 Compliance Information

Product Name: Wireless Ceiling Mounted Occupancy and Daylight Sensor
Model No: WOS3-PC
Supplier's Name: Current Lighting Solutions, LLC
Supplier's Website: www.gecurrent.com
Supplier's Address (USA): 25825 Science Park, STE 400, Beachwood, OH 44122
Supplier's Phone: 1-866-855-8629

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's license-exempt RSS(s). Operation is subject to the following two conditions:
(1) This device may not cause interference.
(2) This device must accept any interference including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:
(1) L'appareil ne doit pas produire de brouillage;
(2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

FCC RF Radiation Exposure Statement:
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and any part of your body.

ISED RF Radiation Exposure Statement:
This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and any part of your body.

Pour se conformer aux exigences de conformité CNR 102 RF exposition, une distance de séparation d'au moins 20 cm doit être maintenue entre l'antenne de cet appareil ettoutes les personnes.

Caution: The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
—Reorient or relocate the receiving antenna.
—Increase the separation between the equipment and receiver.
—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
—Consult the dealer or an experienced radio/ TV technician for help

SIMPLIFIED EU DECLARATION OF CONFORMITY:
Hereby, Current Lighting Solutions, LLC declares that the radio equipment types WOS3-PC are in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: www.LED.com