

# IWP (Infrared Wireless Programmer)

## INSTRUCTIONS

The SensorSwitch™ Infrared Wireless Programmer (IWP) is a battery powered device used to configure compatible sensors. IWP is an intuitive tool that allow installers to read, write, and test sensor behaviors remotely from the floor using infrared communication. It also allows installers to customize sensor settings using its passive powerless programming method via RFID technology even while the sensor is inside its packaging.



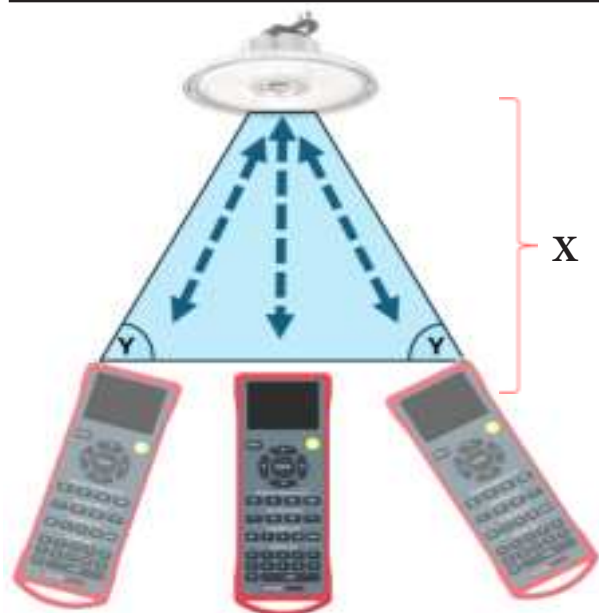
### Infrared Operation (Default Programming Method)

1. Highlight desired action (Test Mode, Write, Read Behavior)
2. Use right arrow navigation to enter action options
3. If "Start Test" or "Read Behavior" is selected:
  - a) Position device vertically with the IR transducer aimed upward.
  - b) Press "Send" to start test or read setting values
4. If "Write Behavior is selected:
  - a) Enter desired setting from the values provided
  - b) Only Daylighting, Group ID and Secure PIN allow keypad entry.
5. When selections are made, press "Send" to upload desired behaviors.
6. Confirmation - Luminaire will blink and options will show ✓ or X.
  - a) ✓ means acceptance
  - b) X mean programmer acknowledgment was not receive.

A successful upload will result in a curtsy even if an "X" appear.

### Passive Power Programming via RFID

1. Highlight Programmer Settings
2. Use right arrow navigation to enter options
3. Highlight and Select "RFID Programming"
4. Return and Select "Write Behaviors"
5. Position programmer
  - a) Touch connect with an un-powered device.
  - b) Touch connect with device in packaging.
6. Press "Send" to upload desired behaviors.
7. Confirmation - will show ✓ or X.



## Infrared Operation

- When writing or reading settings, aim programmer toward the sensor.
- The programming range X is up to 50ft.
- The programming angle Y is up to 30 degrees.



## Passive Power Programming Operation

- Program settings while unpowered
- Programming range < 3 inches
- Visual feedback confirming programming success



## Light Meter Operation

- IWP light meter is a handy relative measurement tool.
- For best results, position the aperture horizontally directly under the light.
- Avoid shadows



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### FCC Warning:

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.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

### FCC Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment . This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

### IC Warning:

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-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.

Cet appareil contient des émetteurs/récepteurs sans licence qui sont conformes aux RSS sans licence d'Innovation, Sciences et Développement économique Canada. L'exploitation est soumise aux deux conditions suivantes :

- (1) Cet appareil ne doit pas causer d'interférences.
- (2) Cet appareil doit accepter toute interférence, y compris les interférences qui pourraient causer un fonctionnement indésirable de l'appareil.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Tous les changements ou modifications non expressément approuvée par le responsable de la conformité pourrait vider l'utilisateur est habilité à exploiter l'équipement.

### ISED Radiation Exposure Statement:

This equipment complies with ISED RF radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Cet appareil est

Conforme aux limites d'exposition de rayonnement RF ISED établies pour un environnement non contrôlé.

Cet émetteur ne doit pas être co-implanté ou fonctionner en onjunction avec toute autre antenne ou transmetteur.