



Wireless Twist-to-Lock Sensor SensorSwitch AIR

The wireless SensorSwitch™ twist-to-lock Sensor (TLS-SSA) is a low voltage occupancy and daylighting sensor with Bluetooth mesh capabilities. TLS-SSA simplifies installation for industrial applications with its tool-less design—requiring no tools or screws—and eliminates the need for field wiring.

NOTE: The following steps assume the luminaire is equipped with the TLS mount and cap.

STEP 1
Remove mounting cap exposing the sensor mount as shown. Twist the cap counterclockwise 45° and lift, see figure 1

STEP 2
Locate the ribbed alignment feature as shown in figure 2. This feature align with the bottom insertion tabs as shown in figure 3.

STEP 3
Align sensor as shown in figure 2 and 3 with the sensor mount as shown in figure 4.

STEP 4
Firmly insert the sensor on the mount and twist the sensor to the left or right 45° to lock it into place as shown in figure 5.

Congratulations! Your sensor is now ready for use.

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ISED RSS 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 un ou plusieurs émetteurs/récepteurs exempts de licence conformes aux normes RSS exemptes de licence d'Innovation, Sciences et Développement économique Canada. Son fonctionnement est soumis aux deux conditions suivantes :

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

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TLS-SSA USE

TLS-SSA, supports standalone (figure 6) and grouping (figure 7). Group operation allows devices to communicate and operate in unison. Each group can include up to 24 TLS-SSA devices, and up to 254 groups may be formed and operate in proximity of one another covering large spaces as needed.

Standalone Out-of-the-box: Operate standalone 100% max brightness and 10-minute hold time.

Figure 6
Group Operation: When the same group number is assigned to each TLS-SSA sensor using the IWP remote, a wireless group will automatically form with an occupancy behavior of zone.

Occupancy Behavior Zone: 100% max brightness and 10-minute hold time.

Figure 7
Support 24 devices in a group and Up to 254 groups on a site totaling 6,096 TLS-SSA devices.

IWP Grouping (Remote Screens Shown below)

Write Behaviors
Read Behaviors
Programmer Settings
Commands
Utilities

Max Brightness
Hold Time
Daylighting
Group ID
PIN Stored
Special Modes

Group ID – Used to form groups using the same ID number.
PIN Stored – Used to set 6-digit security PIN. The same PIN allows entry into Clarity+ app.
Special Modes – Convert TLS-SSA from industrial to outdoor operating mode.

Acuity Brands Lighting Inc. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the radiator shall not be less than 20cm during normal operation.

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.

La operación de este equipo está sujeta a las siguientes dos condiciones: (1) es posible que este equipo o dispositivo no cause interferencia perjudicial y (2) este equipo o dispositivo debe aceptar cualquier interferencia, incluyendo la que pueda causar su operación no deseada.

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: 1. Reorient or relocate the receiving antenna. 2. Increase the separation between the equipment and receiver. 3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. 4. Consult the dealer or an experienced radio/TV technician for help.

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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. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

IC exposition aux radiations:

Cet équipement est conforme aux limites d'exposition aux rayonnements RF de l'ised établies pour un environnement non contrôlé.

Cet émetteur ne doit pas être co-localisés ou fonctionner en conjonction avec une autre antenne ou émetteur. Cet équipement doit être installé et utilisé avec une distance minimale de 20cm entre le radiateur & votre corps.

