Catalog Number	
Notes	
Type	

Contractor Select™

TLS

Twist-to-Lock Sensor





The SensorSwitch™ TLS, twist-to-lock sensor is a field-installable or luminaire-embedded solution for industrial lighting control applications. The TLS sensor supports mounting heights from 8 to 45 feet for occupancy detection and daylight dimming photocontrol. When installing the TLS sensor in the field, it features an efficient tool-less lock mechanism with no wiring required for assembly to the luminaire.

The TLS sensor comes pre-configured with out-of-the-box settings; however, custom settings can be applied using the SensorSwitch Infrared Wireless Remote Programmer (IWP). Both the TLS sensor and IWP support bi-directional IR communication, allowing setting changes from the floor, with read and write functionality. Additionally, both devices support passive powerless programming, enabling setting changes while the device is unpowered, even while it is still in its packaging.

FEATURES:

- Broad occupancy detection supports heights from 8 ft to 45 ft.
- Daylighting dimming and switching photocontrol.
- Adjustable lighting control settings: occupancy time, high trim, and daylighting setpoint.
- Support ingress protection, IP66.
- Configurable from the floor using IWP bi-directional remote.
- Support passive powerless programming, allows programming while unpowered via RFID.
- Occupancy detection tested per NEMA WD 7-2011.

Catalog Number	UPC	Decription	Detection Type	Coverage	Voltage Type	Color	Voltage	Pallet Quantity
TLS WH	00197590692934	Twist-to-Lock Sensor	PIR and Photocell	Large Motion 360°	Low	White	12 to 24V	8640
TLS BK	00197590692958	Twist-to-Lock Sensor	PIR and Photocell	Large Motion 360°	Low	Black	12 to 24V	8640

Accessory Series: *Order as separate catalog number.*	
IWP	Infrared Wirless Remote

Specifications

ENVIROMENTAL:
Temperature: -40 to 80°C
Max Humidity: up to 90% non-condensing
Ingress Protection: IP66

RATING:
Input: 12-24VDC
Output: 0-10V Sink Current: 6mA

OUT-OF-BOX:
Occupancy: 10-minutes
High Trim: 100%
Daylight Dimming: Disabled

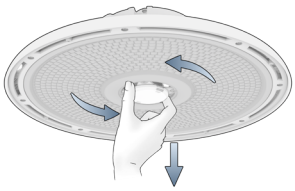
DIMENSIONS:
Height: 0.88 inches
Diameter: 2.14 inches

WARRANTY:
5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at:
www.acuitybrands.com/support/warranty/terms-and-conditions

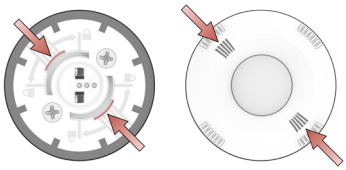
Note: Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice.

Installation

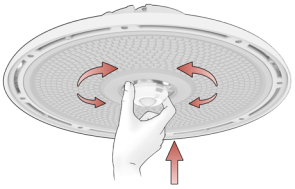
Remove Cap



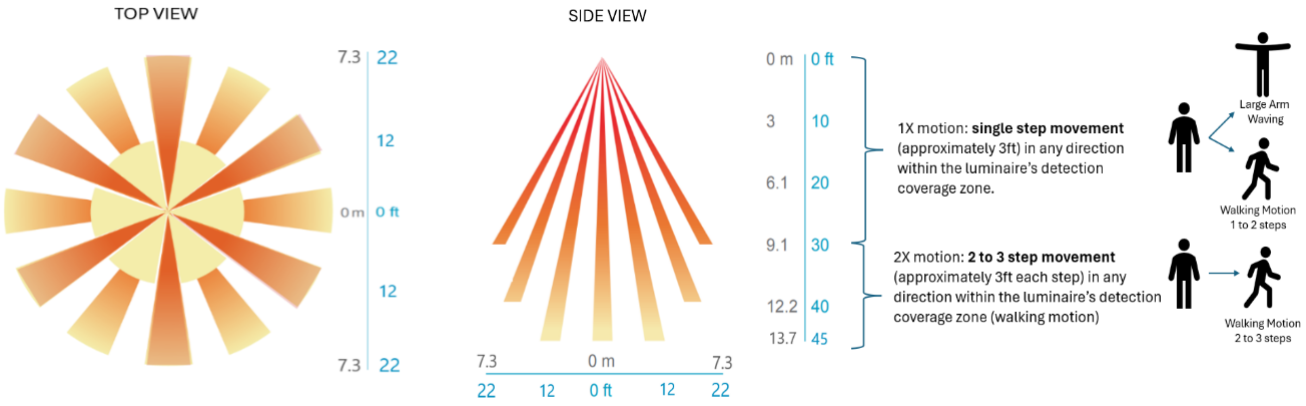
Align Sensor



Twist and Lock



COVERAGE PATTERN:



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Catalog Number	
Notes	
Type	

Contractor Select™

TLS

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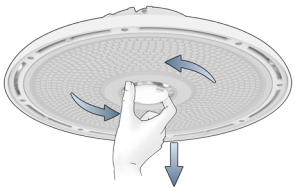
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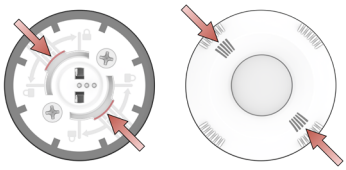
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Installation

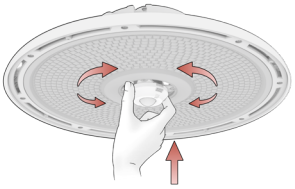
Remove Cap



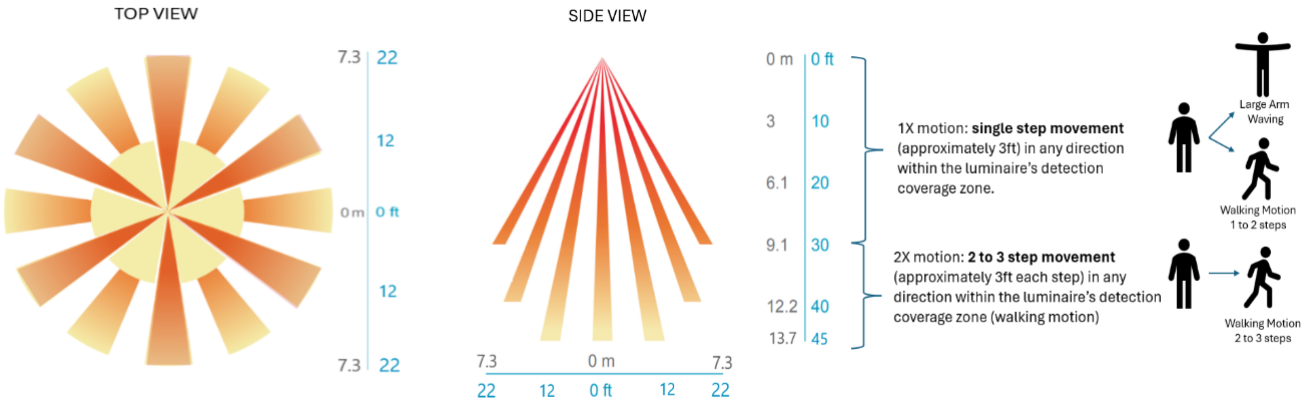
Align Sensor



Twist and Lock



COVERAGE PATTERN:



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