Catalog Number	
Notes	
Type	

Contractor Select™

TLS ODP

Twist-to-Lock Sensor, Outdoor



Inspired by TLS Industrial High-Bay sensor's reception, the SensorSwitch™ TLS ODP twist-to-lock sensor extends the same reliable technology to exterior lighting applications. Designed for outdoor motion detection and dusk to dawn photocell control, the TLS ODP brings energy savings and controls to parking lots, pathways, and other outdoor areas.

Like its high-bay counterpart, the TLS ODP offers a field-installable, tool-less twist-to-lock design with no wiring required for assembly. It comes pre-configured with default settings for quick startup, while custom configurations can be applied through the SensorSwitch Infrared Wireless Remote Programmer (IWP).

With bi-directional IR communication and passive powerless programming, installers and facility teams can adjust settings from the ground–or still in its packaging–delivering flexibility, security, and efficiency in outdoor lighting installations and controls.

FEATURES:

- Dusk to Dawn photocell control.
- Adjustable lighting control settings: occupancy time, high trim, and photocell setpoint.
- Support ingress protection, IP66.
- Configurable from the floor using IWP bi-directional remote.
- Support passive powerless programming, allows programming while unpowered via RFID.
- Motion detection tested per NEMA WD 7-2011.

Catalog Number	UPC	Decription	Detection Type	Coverage	Voltage Type	Color	Voltage	Pallet Quantity
TLS ODP BK	00198935649941	Twist-to-Lock Sensor, Outdoor	PIR and Photocell	Large Motion 360°	Low	Black	12 to 24V	8640

Accessory Series: *Order as separate catalog number.*

Catalog Number	Description	CI Code	UPC
IWP	Infrared Wireless Remote	*289T19	00197590758241

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-THE-BOX, FIELD-SETTABLE DEFAULTS:
Occupancy: 10-minutes
High Trim: 100%
Photocell setpoint: 3 fc

OUT-OF-THE-BOX, FIXED DEFAULTS:
Low Trim: 30% (static value)
Fade Down Rate[1]: 30 seconds
Photocell Transition[2] Time Off : 5 minutes
Photocell Transition[3] Time On: 30 seconds

1. Time period from when motion time delay expires to when lights are at low trim level.
2. The time period after the photocell measures a light level above the set-point (+ deadband) that it will turn lights off.
3. The time period after the photocell measures a light level below the set-point that it will turn lights on

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.

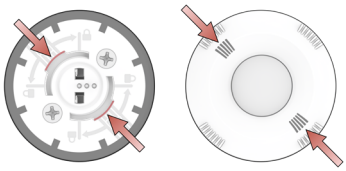
Installation

While the luminaire image may vary, the control installation is the same.

Remove Cap



Align Sensor



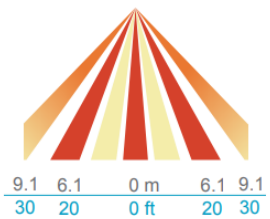
Twist and Lock



COVERAGE PATTERN:









- Reliable detection of large motion (e.g. pedestrian walking traffic) up to 30 ft. (9.1 m) mounting height
- Reliable detection of extra-large motion (e.g. vehicular) up to 40 ft. (12 m) mounting height
- Tested to NEMA WD 7-2011

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