Project: _____ Distr./entr.: _____

Type: _____ PO: _____ Date: _____

Technilight SMART

TSSPE5D

Integrated Round 12V Low Bay Eco Sensor



Description

Eco sensors easily complement and extend the functionality of Technilight Smart Bluetooth devices by providing passive infrared (PIR) occupancy detection and daylight harvesting inputs. Designed as non-Bluetooth devices, Eco sensors are specifically designed to work in tandem with Bluetooth devices such as the TSBCA2D Bluetooth Low Voltage Luminaire Controller or the TSBCP2U Bluetooth Line Voltage Luminaire Controllers, providing advanced occupancy detection and daylight harvesting features for increased energy efficiency and automated lighting control.

Features

- Eco sensors offer both PIR detection and daylight harvesting in a single, convenient format.
- The PIR occupancy sensor allows for time delay and two-stage dimming of the sensors via the Technilight Smart app.
- Daylight harvesting saves energy by dynamically dimming lighting in areas illuminated by natural light.

Requirements

- Must be paired with a Technilight Smart Bluetooth device, such as a Smart Driver, TSBCA2D Lighting Adapter with 0-10V Dimmable/Off Driver, or TSBCP2U Controller.

Specifications

Input Voltage	12V DC
Input Power	0.1W
Housing Material	UL 94-V0
Detection Range	28’ diameter maximum for major motion
Mounting Height	8’-15’ recommended
Operating Temperature	-30°C ~ 55°C, -22°F ~ 131°F
Storage Temperature	--30°C ~ 85°C, -22°F ~ 185°F
IP Rating	IP20
Color	White
Warranty	5 years
Compliance	UL8750, UL1376, RoHs
Safety	cULus Certified Component LED Controller E547370 DLC: coming soon

Information subject to change without notice. Pictures for illustration purpose only. rev. 2.5.4

Ordering information

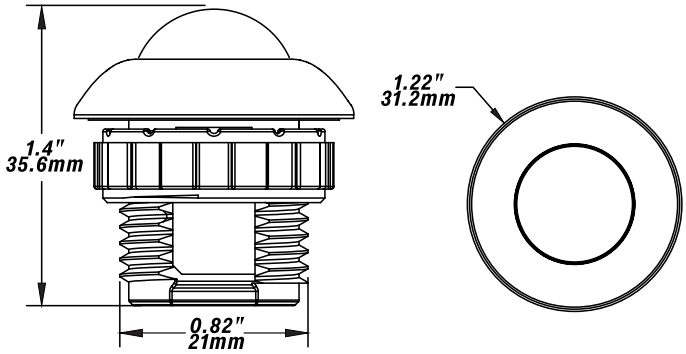
Model	Description	Works with	Mounting height range
TSSPE5D	Integrated Round 12V Low Bay Eco Sensor	TSBCA2D TSBCP2U	8’-15’

Ordering information - accessories

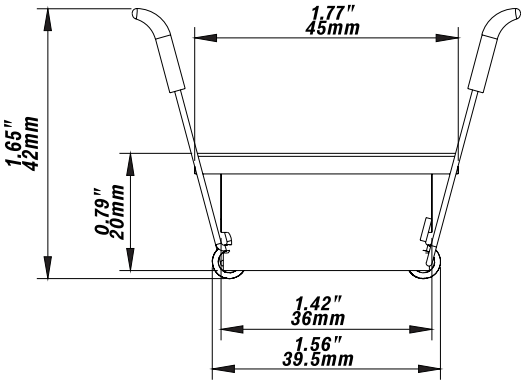
Model	Description
TSCS30 (inclus avec TSSPE5D) (for use with TSBCA2D only)	2468 24AWG white 300V 80°C Length: 300mm, PH2.0-4P on both side cable between adaptor and sensor
TSCS60 (for use with TSBCA2D only)	2468 24AWG white 300V 80°C Length: 600mm, PH2.0-4P on both side cable between adaptor and sensor
TSCS120 (for use with TSBCA2D only)	2468 24AWG white 300V 80°C Length: 1200mm, PH2.0-4P on both side cable between adaptor and sensor
TSCD30 (inclus avec TSBCA2D) (for use with TSBCA2D only)	1007 22AWG white 300V 80°C Length: 300mm, XH2.54-4P on left side cable between adaptor and driver, dip tin 10mm on right side
TSCD60 (for use with TSBCA2D only)	1007 22AWG white 300V 80°C Length: 600mm, X H2.54-4P on left side cable between adaptor and driver, dip tin 10mm on right side
TSRA2	Recessed mount adapter

Dimensions

TSSPE5D



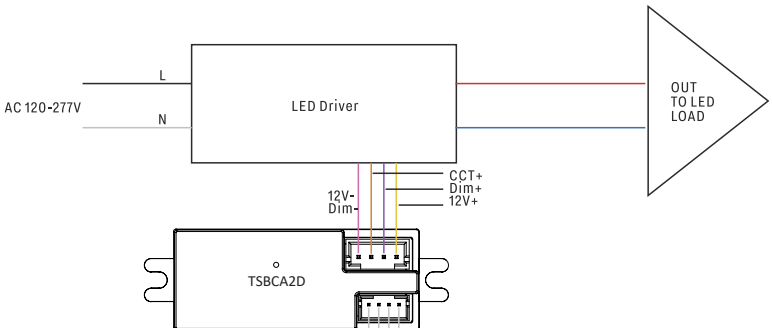
TSRA2



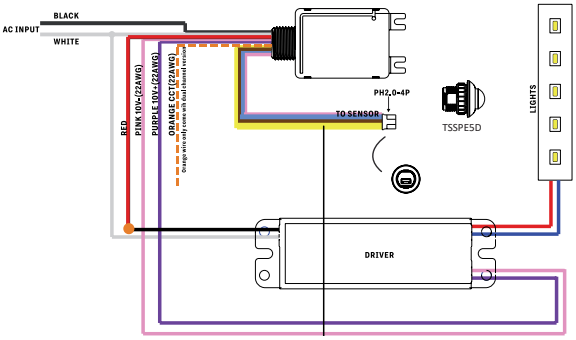
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Wiring

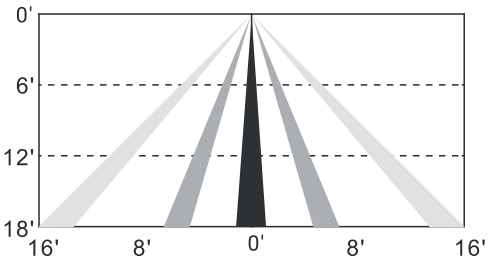
TSBCA2D



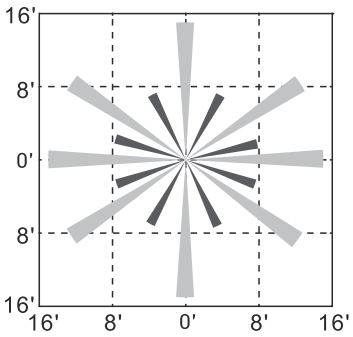
TSBCP2U



Coverage side view



Coverage top view



Height 16’

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Product label

Technilight SMART TSSPE5D

Eco Sensor
Input 12VDC, 3mA
Not work alone Controller Required

Made in China

Application

Technilight Smart
Google play
Android

Technilight Smart
Apple store
iOS

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