Project: _____ Distr./entr.: _____

Type: _____ PO: _____ Date: _____

Technilight SMART

TSBSPF4A



External 120-277V AC sensor for medium-height ceilings

Description

The AC PIR sensor and controller is compatible with other Technilight Smart devices using Bluetooth technology for reliable and secure wireless communication. The TSBSPF4A is equipped with the AlgoH2 algorithm for optimized detection and no false triggers.

Features

- Designed for overhead applications.
- The AlgoH2 algorithm improves overhead performance.
- Built-in PIR sensor.
- High ceiling lens options (not included).
- 120-277V AC input.
- Harnesses natural daylight.
- Extended range antenna.

Specifications

Input voltage	AC120-277V
Output current	6A Max @ 120V, 6A Max @ 277V
Output power	720-1662W Max
Dimming	Class 2, 0-10V DC 10mA Max
Sinking current	10mA Max
Bluetooth transmit	200’ Max
Radio frequency	2.4GHz ± 75MHz
Bluetooth version	5.0
Housing material	UL 94-5VA
Detection range	25’ to 50’
Mounting height	10’ to 20’
Operating temperature	-30°C ~ 55°C, -22°F ~ 131°F
Storage temperature	-30°C ~ 85°C, -22°F ~ 185°F
IP rating	IP40
Color	White
Warranty	5 years
Compliance	UL8750, RoHS
Safety	DLC: coming soon

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Accessories (not included)


TSEJ30

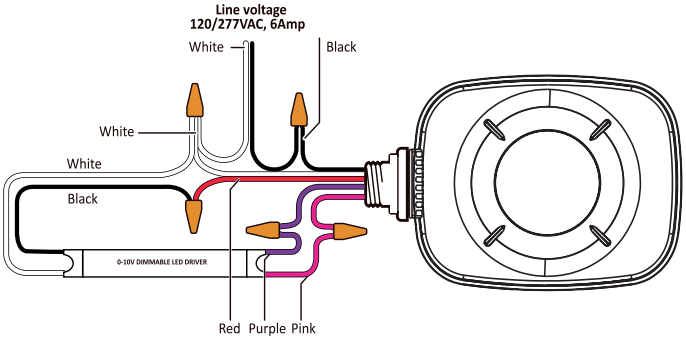

TSEJ50


TSHBL1-2-W

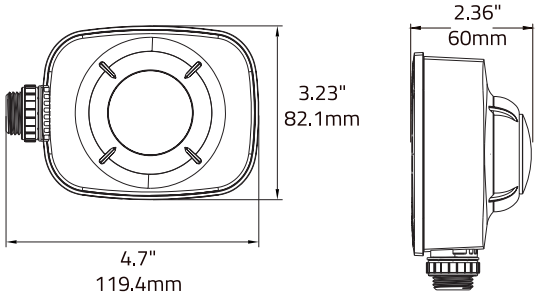

TSMBL1-2-W

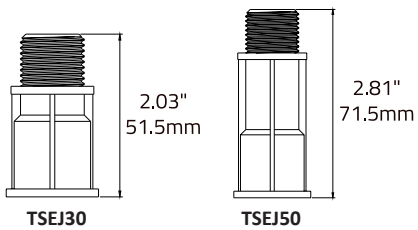
Model	Type	Description
TSHBL1-2-W	Lens	80 foot diameter at 40 foot mounting height
TSMBL1-2-W (inclus)	Lens	50 foot diameter at 20 foot mounting height
TSEJ30	Adapter	30 mm 1/2'' NPT extension
TSEJ50	Adapter	50 mm 1/2'' NPT extension

Wiring



Dimensions

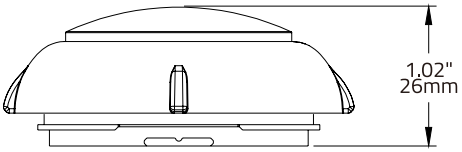


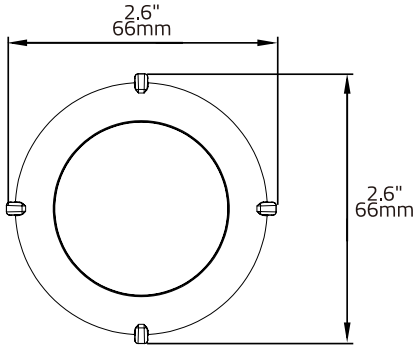


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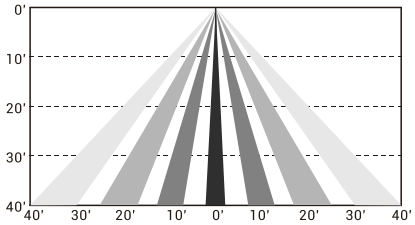
Dimensions of accessories

TSHBL1-2-W Note: Sold separately

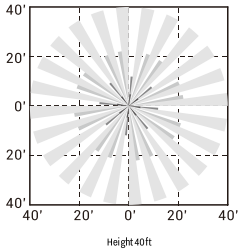




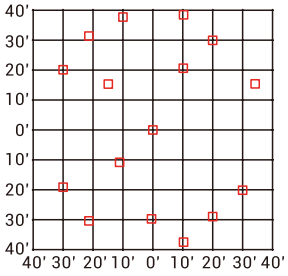
Coverage Side View



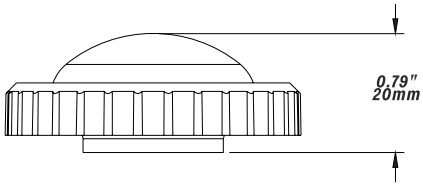
Coverage Top View

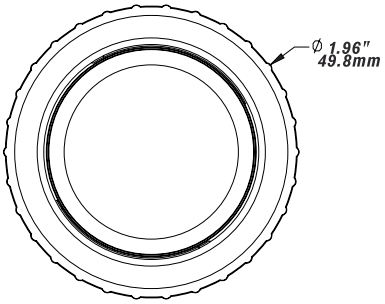


Detecting Spots For Ref

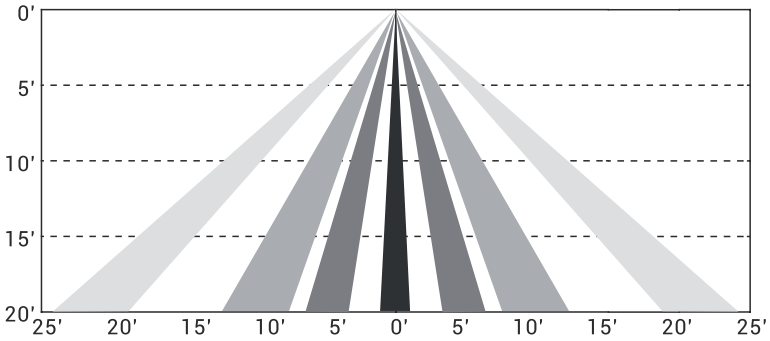


TSMBL1-2-W Note: Included

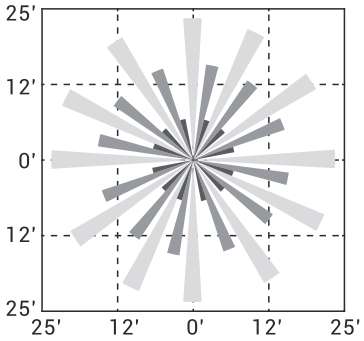




Coverage side view



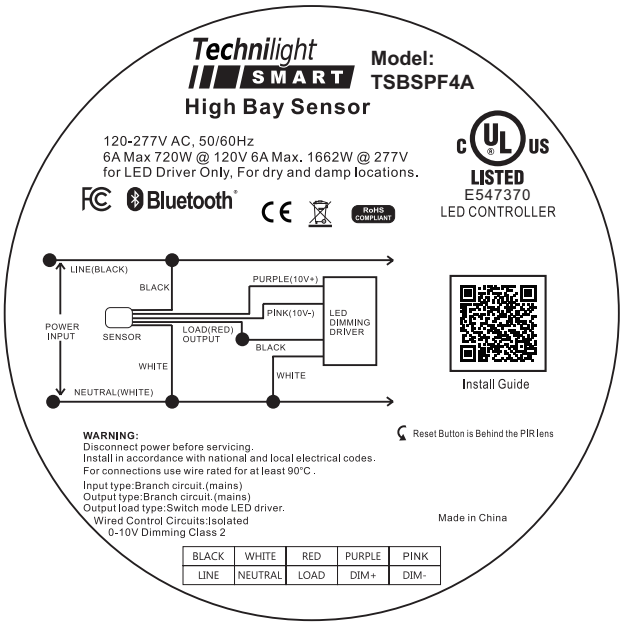
Coverage top view



Height 20 ft

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Product label



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Application

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