



TSBSPF4A

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



RoHS



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

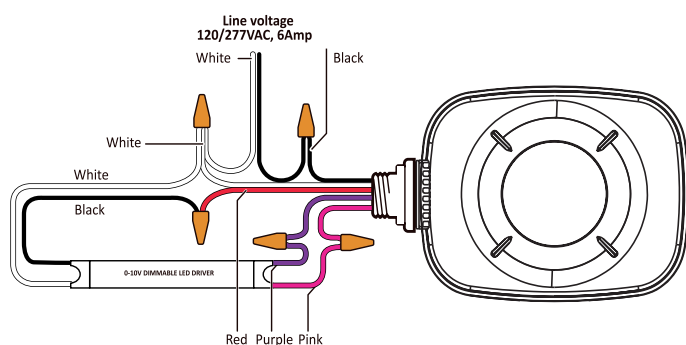
Input voltage	AC120-277V
Output current	EFS104.A0: 10A Max @ 120V, 10A Max @ 277V EFS104.B1: 6A Max @ 120V, 6A Max @ 277V
Output power	EFS104.A0: 1200W Max EFS104.B1: 720-1662W Max
Dimming	Class 2, 0-10V DC 10mA Max
Sinking current	10mA Max
Bluetooth transmit	200' Max
Radio frequency	2.4GHz ± 75MHz
Bluetooth version	4.2 (EFS104.A0), 5.0 (EFS104.B1)
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

Accessories (not included)

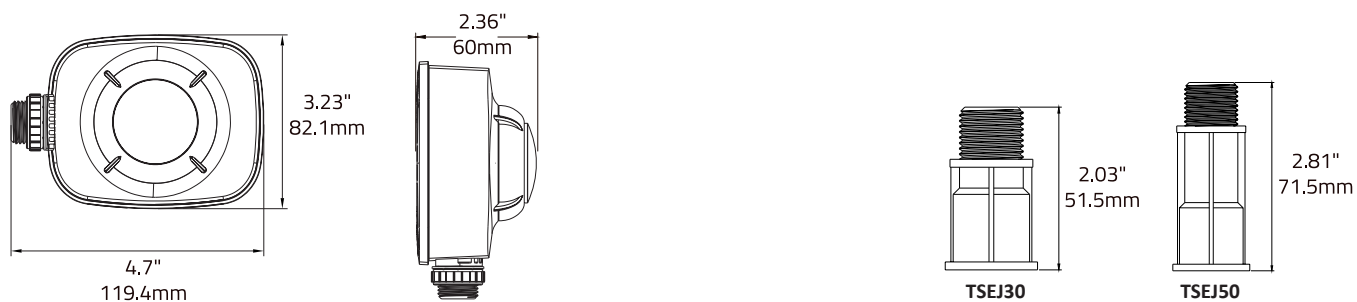


Model	Type	Description
TSHBL1-2-W	Lens	80 foot diameter at 40 foot mounting height
TSMBL1-2-W (inclus)	Lens	50 foot diameter at 20 foot mounting height
TSEJ30	Adapter	30 mm 1/2" NPT extension
TSEJ50	Adapter	50 mm 1/2" NPT extension

Wiring



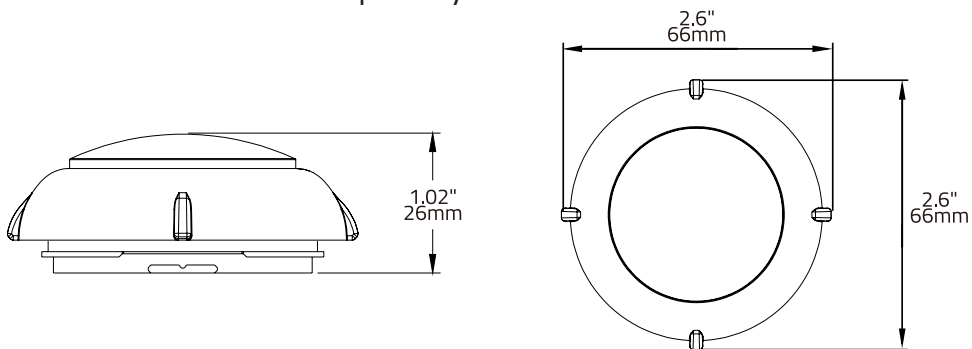
Dimensions



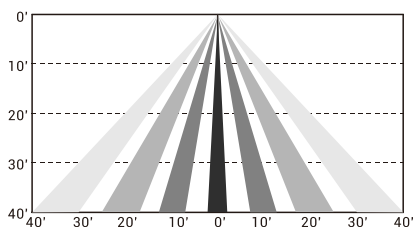
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Dimensions of accessories

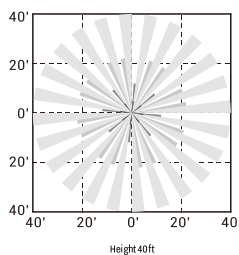
TSHBL1-2-W Note: Sold separately



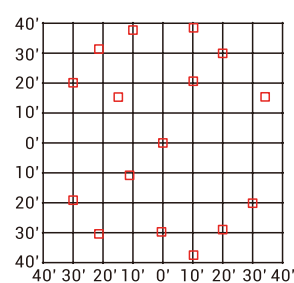
Coverage Side View



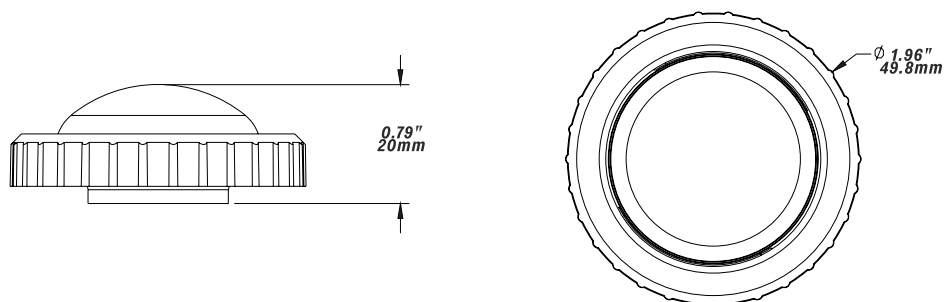
Coverage Top View



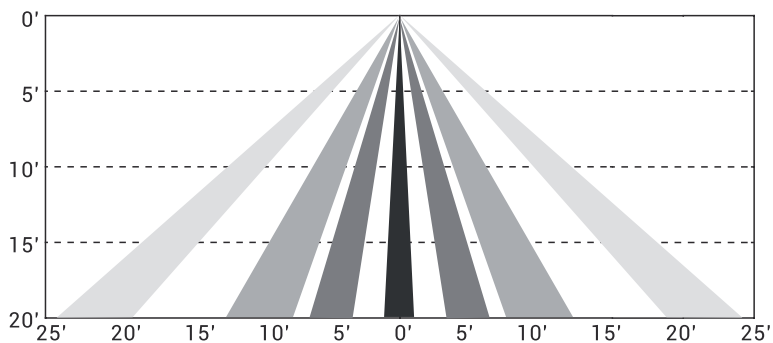
Detecting Spots For Ref



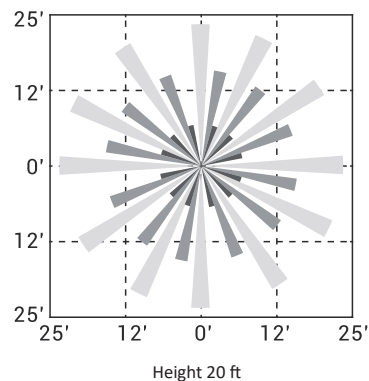
TSMBL1-2-W Note: Included



Coverage side view

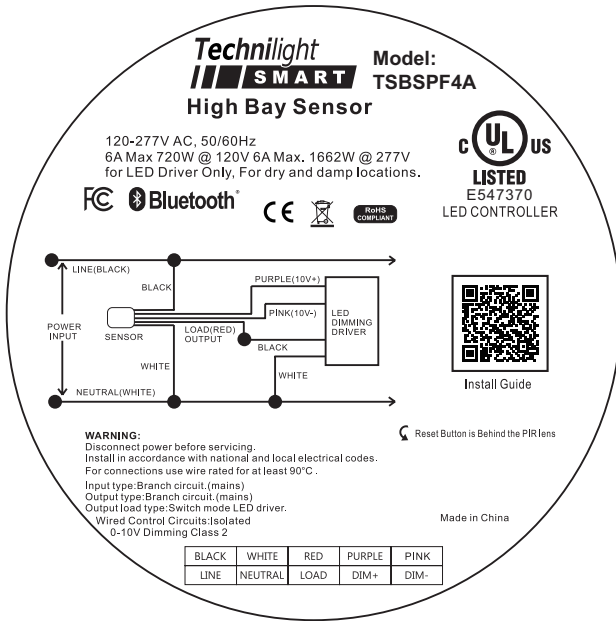


Coverage top view



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Product label



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