Project: _____ Distr./entr.: _____

Type: _____ PO: _____ Date: _____

Technilight SMART

TSBSPF6D

High bay sensor
«Plug and Play»



Description

The TSBSPF6D low voltage high bay sensors are ideal for luminaire-level lighting control (LLLC/ NLC5) applications. Featuring integrated daylight and PIR motion sensors, the TSBSPF6D sensors are designed for pre-installation in high bay luminaires. The TSBSPF6D sensors are equipped with the AlgoH2 algorithm to maximize detection for installations up to 40 feet without false triggers.

Features

- Plug and play with pre-installed sensor port.
- Bluetooth network technology.
- Designed for high ceilings.
- The AlgoH2 algorithm improves performance in high-rise applications.
- Integrated analog PIR sensor.
- Harvests available daylight.
- UL certified for Canada and the United States.

Requirements

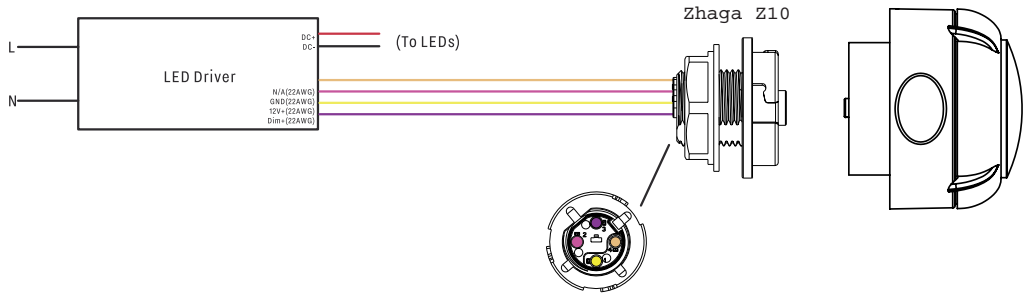
- Requires Zhaga sockets

Specifications

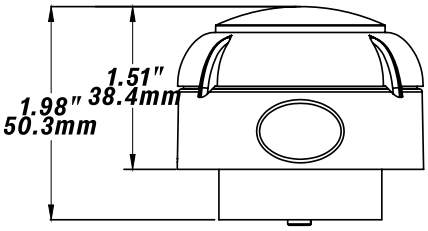
Input Voltage	DC 12V
Input Current	50mA Max
Input Power	0.6W
Output Voltage	DC 10V
Output Current	10mA Max
Output Power	0.1W
Dimming	Class 2, 0-10V DC 10mA Max
Sinking Current	10mA Max
Bluetooth Transmit	100 pi max
Radio Frequency	2.4GHz ±75Mhz
Bluetooth Version	5.0
Housing Material	UL 94-5VA
Detection Range	40-80 ft
Mounting Height	20-40 ft
Operating Temperature	-30°C to 55°C, -22°F to 131°F
Storage Temperature	-30°C to 85°C, -22°F to 185°F
IP Rating	IP40
Color	White
Warranty	5 years
Compliance	UL8750, RoHS
Safety	cULus Listed E547370 DLC: coming soon

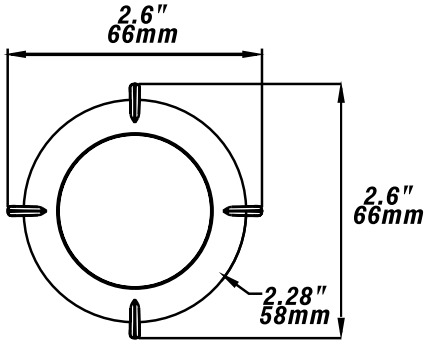
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Wiring



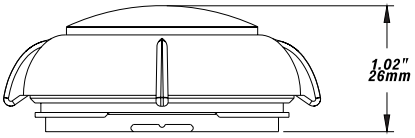
Dimensions

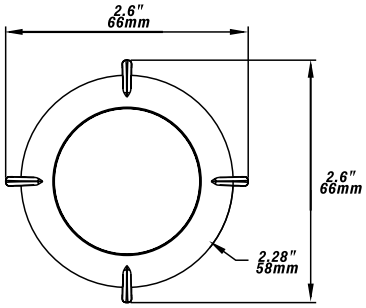




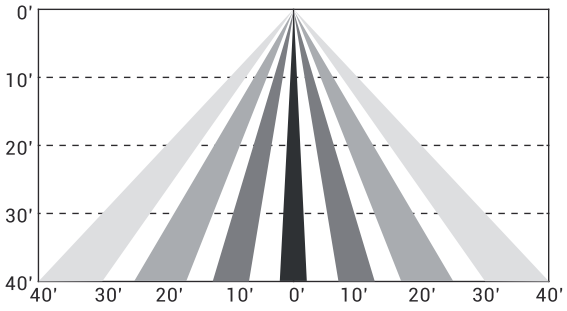
Accessories

TSHBL1-2-W Note: Included

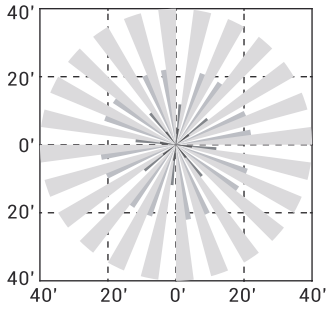




Coverage side view



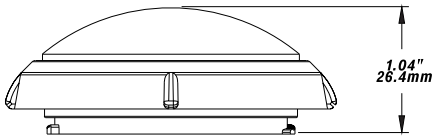
Coverage top view

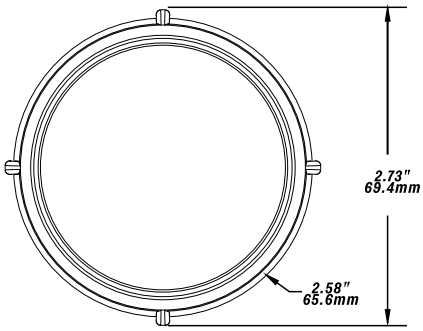


Height 40ft

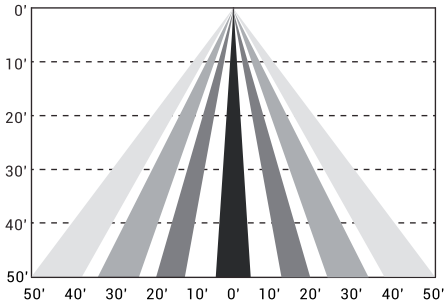
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TSHBL3-2-W Note: Sold separately

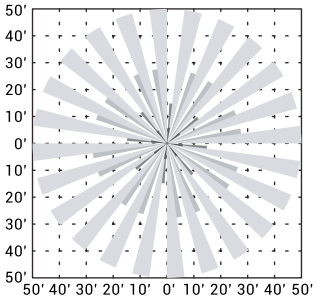




Coverage side view

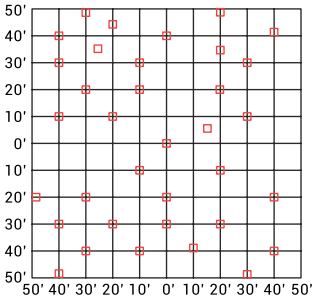


Coverage top view



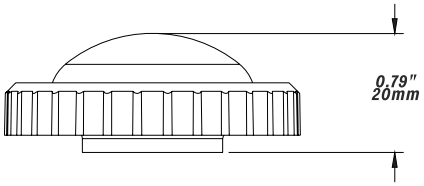
Height 50 ft

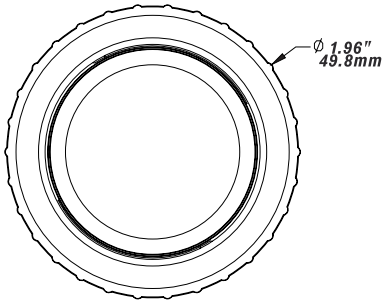
Detecting spots for ref



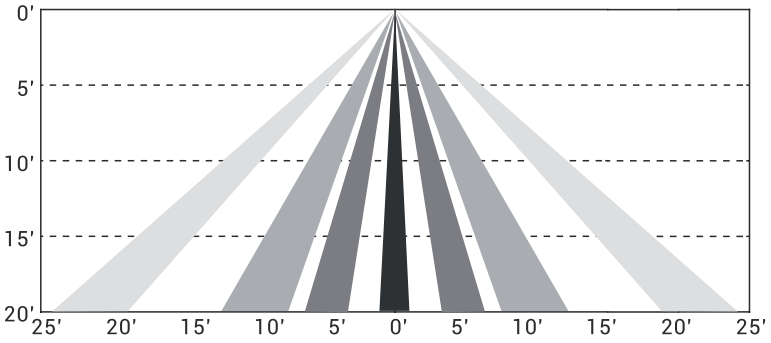
TSHBL3-2-W has more detected points than TSHBL1-2-W

TSMBL1-2-W Note: Sold separately

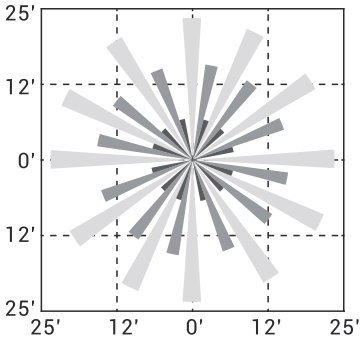




Coverage side view



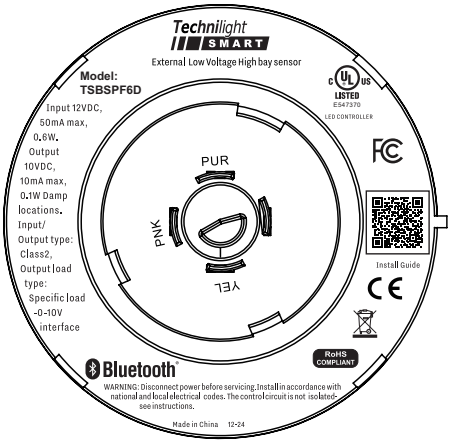
Coverage top view



Height 20 ft

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Product label



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Application

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