



## TSBSPF6D

**High bay sensor  
«Plug and Play»**



**RoHS**



### 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.

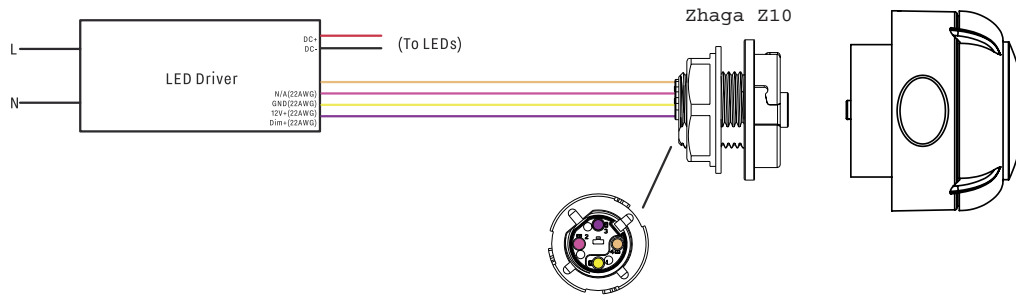
### Requirements

- Requires Zhaga sockets

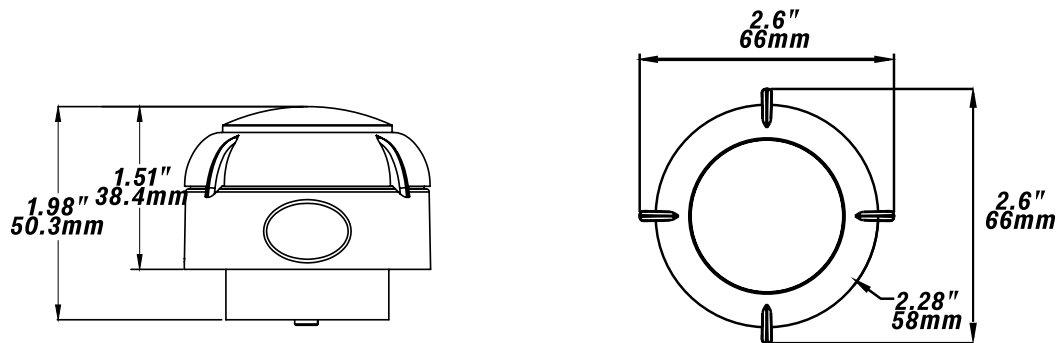
### Specifications

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

## Wiring

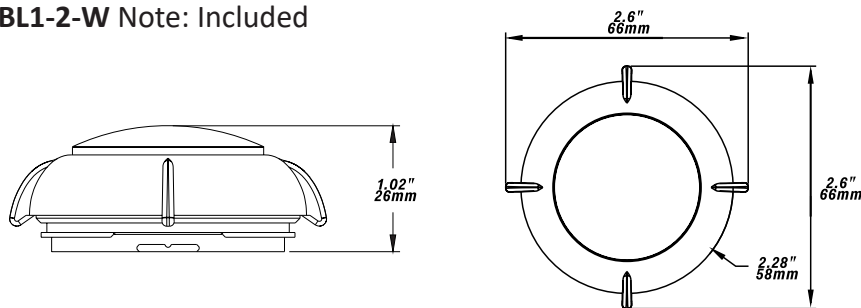


## Dimensions

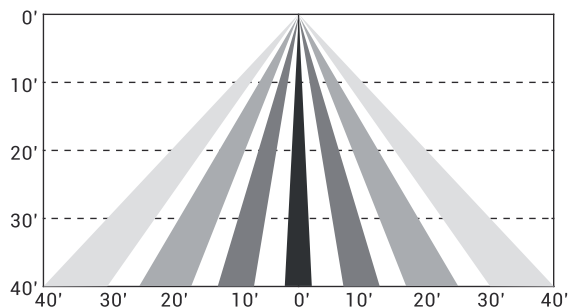


## Accessories

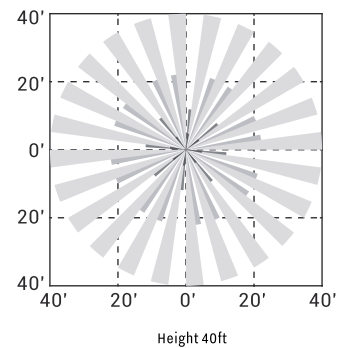
**TSHBL1-2-W** Note: Included



Coverage side view

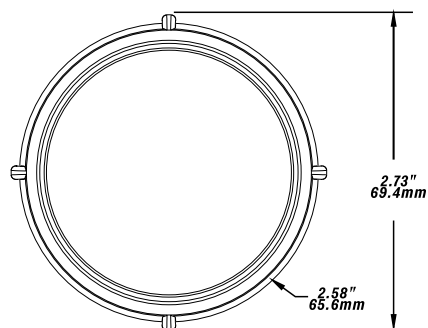
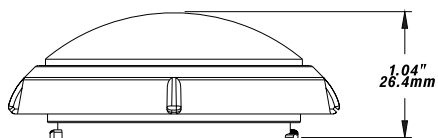


Coverage top view

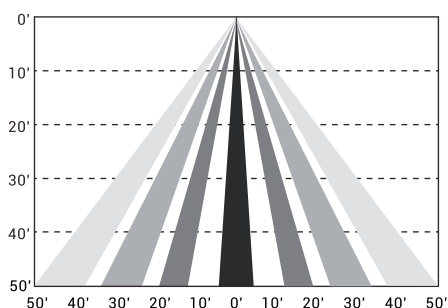


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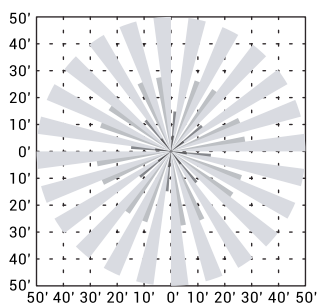
**TSHBL3-2-W** Note: Sold separately



Coverage side view

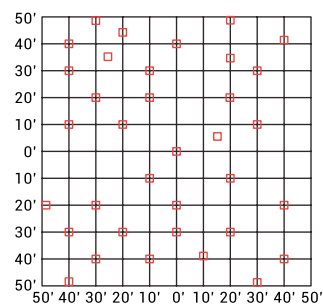


Coverage top view



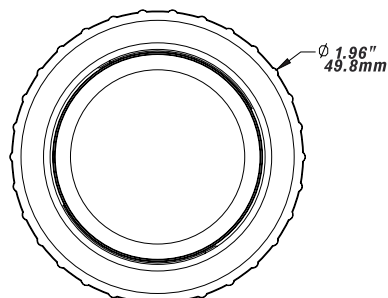
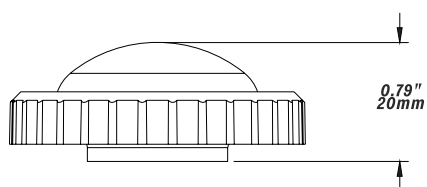
Height 50 ft

Detecting spots for ref

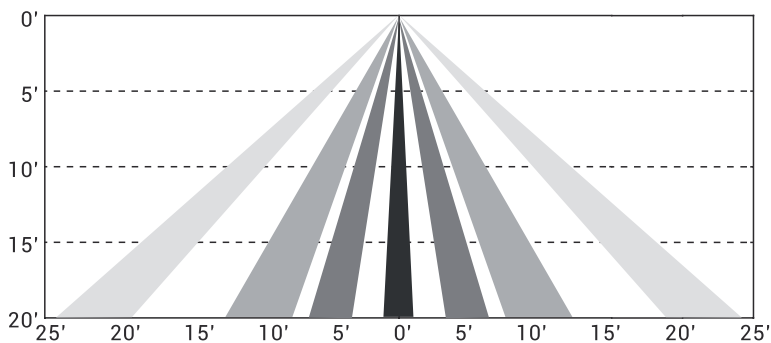


TSHBL3-2-W has more detected points than TSHBL1-2-W

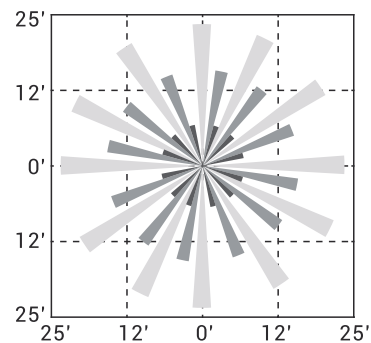
**TSMBL1-2-W** Note: Sold separately



Coverage side view



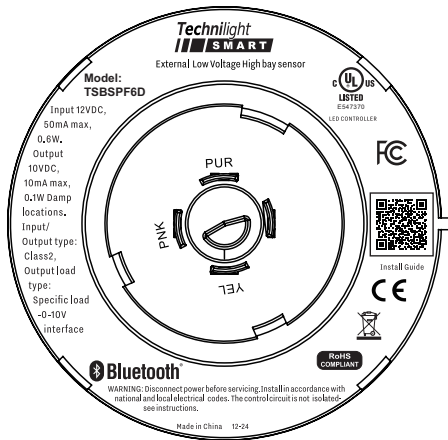
Coverage top view



Height 20 ft

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## Product label



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