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PLT-13121 High Bay Occupancy Sensor and Photocell

Specifications

- **Product Name:** High Bay Occupancy Sensor and Photocell
- **Catalog Number:** PLT-13121
- **Features:** Automate existing UFO LED high bay fixtures, motion sensor for on/off control, light level adjustment based on occupancy, and light levels

DESCRIPTION

Automate existing UFO LED high bay fixtures by installing this microwave high bay occupancy sensor and photocell. Installing into the pre-installed port, this motion sensor turns the fixture on, off, and adjusts the light level depending on current light levels and room occupancy.

FEATURES

- Allows fixture to turn on or off automatically depending on the amount of light or activity detected in area; see Motion Sensor Specifications for information on factory settings
- Installs into pre-installed port on select LED UFO high bays; see Compatible Fixture section for full list of fixtures.
- Optional remote control available to adjust motion sensor settings including light levels and daylight sensing; remote must be less than 49 feet from the sensor/fixture that is being controlled; see PLTS-12281 for more information

LISTINGS

- RoHS
- IP65

THERMAL

- -22°F to 140°F (-30° to 60°C) operating temperature

ELECTRICAL

- **Operating Current**: 30mA
- **Microwave Power**: <0.5W

INSTALLATION

- Remove the plastic cap from the prongs, then simply screw into the pre-installed port on select LED UFO high bays; see Compatible Fixture section for full list of fixtures.

Project name	Type
Catalog number	
Comments	Voltage
Approved by	Date

WARRANTY

- 5-year limited warranty; see pltsolutions.com for warranty details

APPLICATIONS

- Warehouses
- Manufacturing Plants
- Distribution Centers
- Grocery Stores
- Gymnasiums
- Indoor Recreational Facilities
- Cold Storage
- Big Box Retail
- Service Repair Centers

PERFORMANCE SUMMARY

Item #	Input Voltage	Dimming	Mounting Height	Detection Range	Finish	Compatible Remote
PLT-13121	12±2V	0-10V	39.37' (≤12m) Max	6.58 to 13.12' Max	White	PLTS-12281

MOTION SENSOR SPECIFICATIONS

Input Voltage	12±2V
Stand-by Power	<0.5W
Dimming	0-10V
Mounting Height	39.37' (≤12m) Max
Sensor Range	6.58 to 13.12' Max
Detection Angle	360°
Default Setting*	• Brightness – 100% • Hold Time – 10 min • Standby Dim – 50% • Standby Time – 1 min • Sensitivity: 100% • Daylight – OFF
Brightness Setting**	0%-100% Quick Settings – 70%, 80%, 90%, 100%

Sensitivity Setting**	20%, 50%, 75%, 100%
Hold Time Setting**	10s, 1 min, 10 min, 30 min
Daylight Threshold**	10 Lux, 30 Lux, 50 lux, 100 Lux, OFF
Stand-by Dimming Level**	10%, 20%, 30%, 50%

- Reset button on the PLTS-12281 remote returns sensor settings to these Default Settings. See PLTS-12281 for more information.
- Adjustable only with the PLTS-12281 remote. See PLTS-12281 for more information.
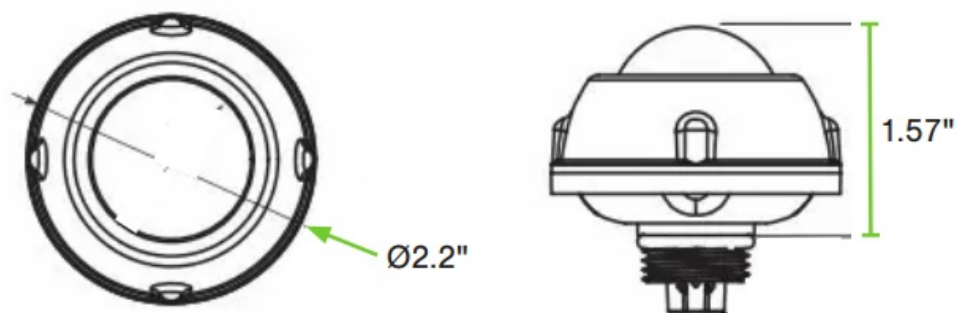
COMPATIBLE FIXTURES

Linear High Bay SKUs	UFO High Bay SKUs
PLT-12379	PLT-12558
PLT-12380	PLT-12559
PLT-12414	PLT-12560
PLT-12686	PLT-12561
PLT-12687	PLT-12562
PLT-12722	PLT-12563
PLT-12723	PLT-12564
PLT-12724	PLT-12565
PLT-12726	PLT-12566

PLT-12728	PLT-12567
PLT-12729	PLT-12568
PLT-12730	PLT-12569
PLT-13080	PLT-12570
PLT-13082	PLT-12630
	PLT-12631
	PLT-12632
	PLT-12633
	PLT-12634
	PLT-12635
	PLT-12636
	PLT-12637
	PLT-12690
	PLT-12691
	PLT-12692
	PLT-12693
	PLT-12939
	PLT-12980
	PLT-12981
	PLT-12707
	PLT-13073

	PLT-13074
	PLT-13078
	PLT-13077

DIMENSIONS

- **Diameter:** 2.2″
- **Height** – 1.57″

MOTION SENSOR COVERAGE

These figures indicates the maximum distance at the highest mounting height with 100% sensitivity.
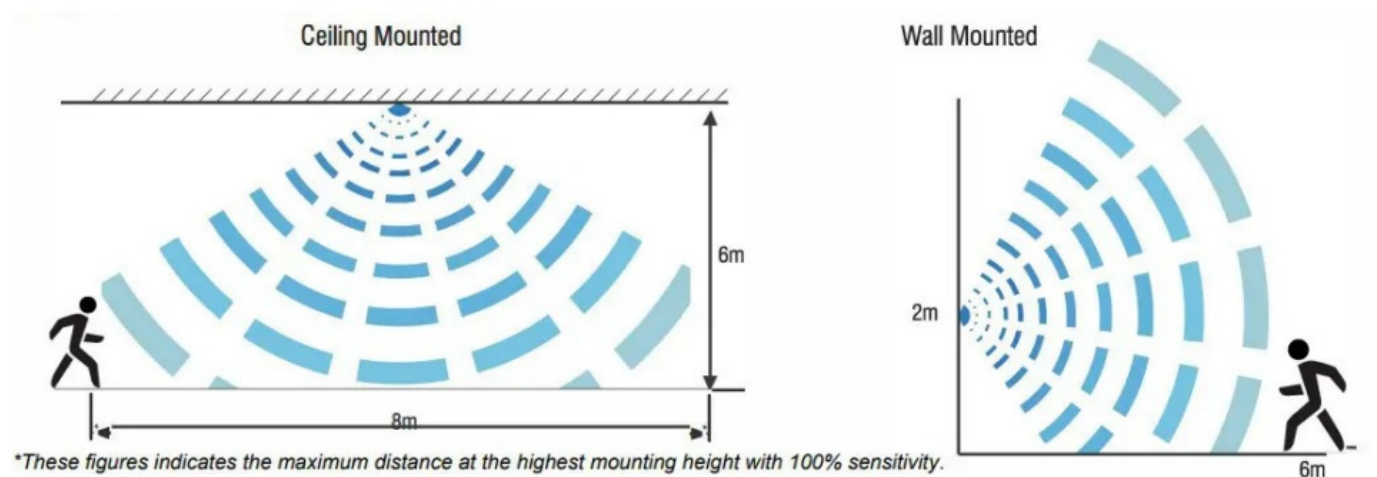
WARNINGS

- Plastic cap must be removed from the prongs before installing the sensor to the fixture.

FAQs

Q: How do I adjust the sensitivity of the sensor?

A: The sensitivity of the sensor can usually be adjusted using the controls provided on the sensor itself. Refer to the user manual for specific instructions.

Q: What is the recommended mounting height for the sensor?

A: The recommended mounting height for optimal performance is usually specified in the product documentation. Ensure to follow these guidelines for the best results.

Documents / Resources

	[PLT PLT-13121 High Bay Occupancy Sensor and Photocell](#) [[pdf](#)] Instructions PLT-13121 High Bay Occupancy Sensor and Photocell, PLT-13121, High Bay Occupancy Sensor and Photocell, Occupancy Sensor and Photocell, Sensor and Photocell

References

- [User Manual](#)

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