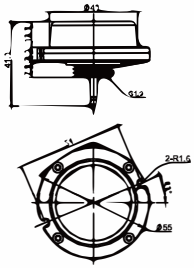
PLT-13135 Spec Sheet and Instruction Manual

■ Bi-level Microwave Sensor For UFO High Bays

PLT-13135

PLT-13137
Sold Separately



INTRODUCTION

The PLT-13135 is a motion sensor that dims lighting from high to low based on movement. This slim, low-profile sensor is designed for installation inside the bottom of a light fixture body.

The sensor uses microwave sensing technology that reacts to changes in movement within the coverage area. Once the sensor stops detecting movement and the time delay elapses, the light will go from high to low mode and eventually turn OFF if desired. Sensors must directly "see" motion of a person or moving object to detect them, so careful consideration must be given to sensor luminaire placement and lens selection. Avoid placing the sensor where obstructions may block the sensor's line of sight.

See page 2 for sensor default settings.

SPECIFICATIONS

Power supply	12V–24V DC, >50mA
Dim control output	0-10V, max. 25mA sinking current
HF System	5.8GHz±75MHz
Transmission power	<0.2mW
Detection radius	20%/50%/75%/100%(1-8m)
Mounting height	Max 50ft.(15meters)
Time setting	10s/1min/5min/10min/15min/20min/30min/60min
Light control	24H/10LUX/30LUX/50LUX
Temperature	-4°F ~ +140°F (-20°C ~ +60°C)
IP rating	IP65

⚠WARNING

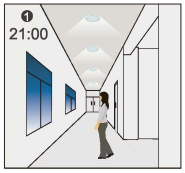
NOTE: Warm up time is 15 seconds. After the sensor connects to input power for the first time, the light will stay on for 15 seconds, then go to the preset dim level.

NOTE: Factory Default Setting: 100% sensitivity, Hold on time: 5min, Daylight sensor is ☼, Dimming level: 30%, Dimming time: 60 minutes.

NOTE: When a setting is changed using the remote control (*PLT-13137, sold separately*), the fixture will flash on/off to confirm the setting.

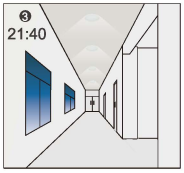
DAYLIGHT SENSOR FUNCTION

Adjust the daylight sensor settings by pressing the ⏻ button on the remote (*PLT-13137, sold separatley*).



The light turns ON at 100% when movement is detected.

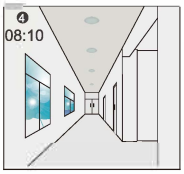
The light dims to stand-by level after the hold-time elapses.



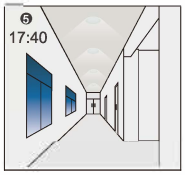
The light remains in the set stand-by dim level at night.

Settings on this demonstration:
Hold-time: 30min
Setpoint on:50lux
Setpoint off:300lux
Stand-by Dim: 10%
Stand-by period: +∞
(when the smart photocell sensor open, the stand-by time is only +∞)

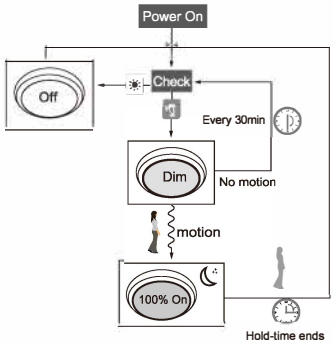
❶ ⇄ ❸ goes in cycle at night ···
100% ON when movement is detected, and dims to 10% after movement stops.



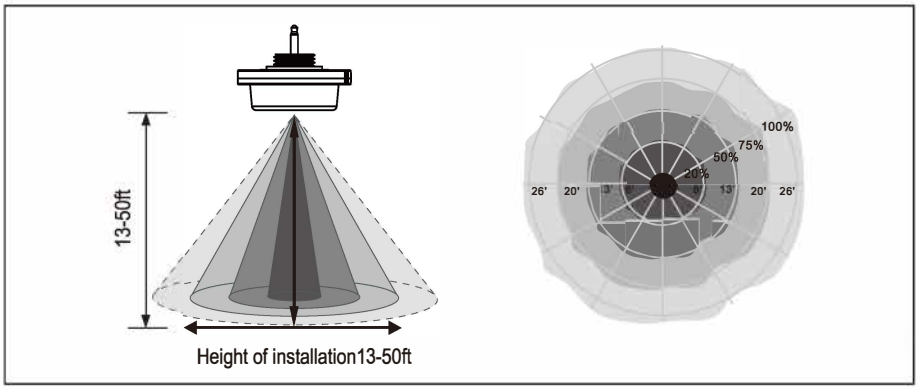
When the natural light level exceeds the set level, the light will turn OFF even if the space is occupied.



The light automatically turns on at 10% when natural light is insuffcient (no motion).



SENSOR COVERAGE



Default Settings

Brightness	100%
Hold Time	10 min.
Stand-by dimming level	50%
Standby time	1-minute
Sensitivity	100%
Daylight Sensing	Disabled