



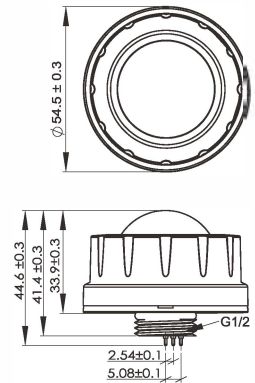
■ Bi-level PIR Sensor For High Bay Light



PLT-50426



PLT-13137
Sold Separately



INTRODUCTION

The PLT-50426 mounts to a lighting fixture and provides multi-level control based on motion and/or daylight contribution.

It controls 0-10 VDC LED drivers or dimming ballasts, and is rated for wet and cold locations. All control parameters are adjustable via a remote (PLT-13137, sold separately).

SPECIFICATIONS

Power supply	12V-24V DC, >30mA
Dim control output	0-10V, max. 25mA sinking current
Remote range	50ft. (15m) indoor, no backlight
Dim control output	0-10V
Detection radius	20%/50%/75%/100%(1-8m)
Mounting height	Max 40ft.(12meters)
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 40seconds. After the sensor connects to input power for the first time, the light will turn on 40 seconds, then will got to the preset dim level.

NOTE: Factory Default Setting: 100% sensitivity, Hold on time: 10 min, Stand-by Dimming level: 50%, Stand-by time: 1 minute.

NOTE: When a setting is changed using the remote control, the fixture will flash ON/OFF to confirm the setting.

Compatible Fixtures:

- PLT-50416
- PLT-50417
- PLT-50418
- PLT-50419
- PLT-50420
- PLT-50421



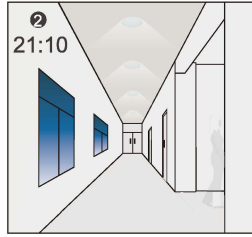
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Daylight Sensor Function

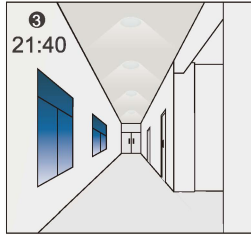
Adjust the daylight sensor setting by pressing the button on the remote (PLT-13137, sold separately).



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

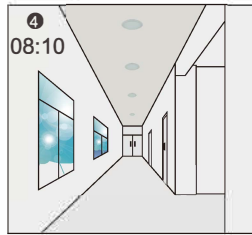
Setpoint off: 300lux

Stand-by Dim: 10%

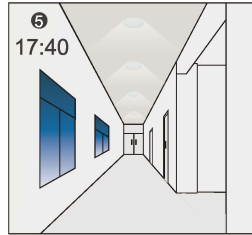
Stand-by period: +∞

(when the smart photocell sensor open, the stand-by time is only +∞)

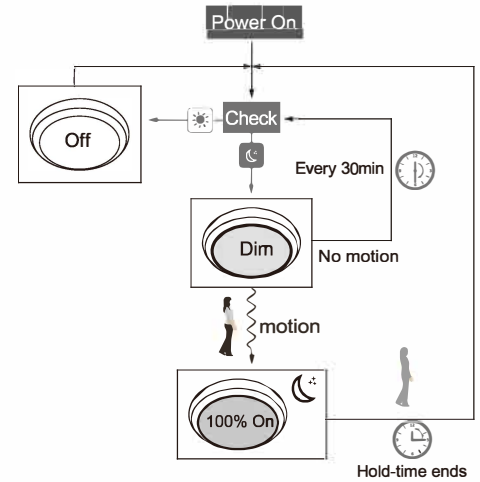
1 ↔ **3** goes in cycle at night ...
100% ON when movement is detected, and dims to 10% after movement stops.



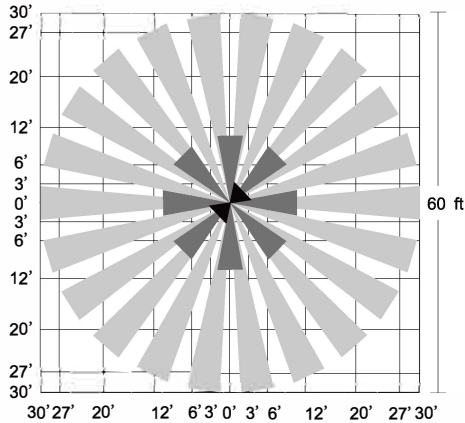
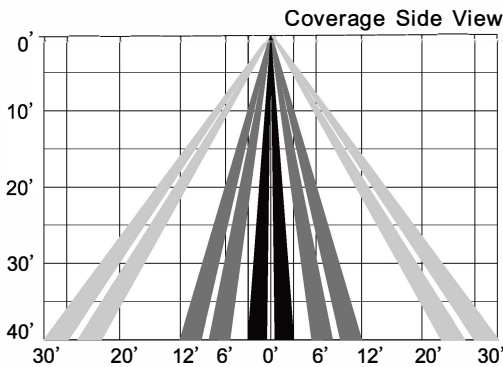
When the natural light level exceeds the set level, the light will turn OFF even if the space is occupied.



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



SENSOR COVERAGE



PORT DESCRIPTION

