



PLT-13136 Spec Sheet and Instruction Manual

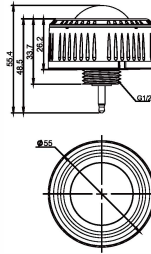
■ Bi-level PIR Sensor For UFO High Bay



PLT-13136



PLT-13137
Sold Separately



INTRODUCTION

The PLT-13136 mounts in a 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 PLT-13137, a remote control capable of storing settings.

See page 2 for sensor default settings.

SPECIFICATIONS

| | |
|--------------------|---|
| Power supply | 12V-24V DC, >30mA |
| Dim control output | 0-10V, max. 25mA sinking current |
| Remote range | 50ft. (15m indoor) |
| Dim control output | 0-10V |
| Detection radius | 20% / 50% / 75% / 100% (1-Bm) |
| Mounting height | Max 40ft (12 meters) |
| Time setting | 10s / 1min / 5min / 10min / 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 40 seconds. After the sensor connects to input power for the first time, the light will stay on for 40 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: Any setting changed by remote control (PLT-13137, sold separately), the fixture will flash on/off to confirm the



Daylight Sensor Function

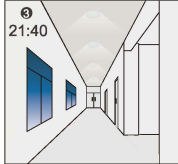
Adjust the daylight sensor settings by pressing the button on the remote (PLT-13137, sold separately).



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: $\pm\infty$

(when the smart photocell sensor open, the stand-by time is only $\pm\infty$)

goes in cycle at night...

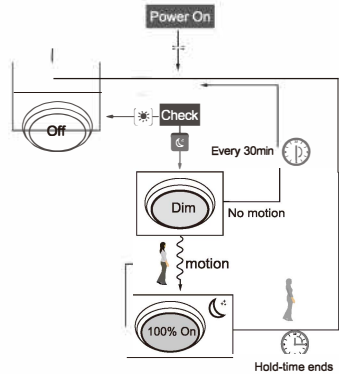
100% ON when movement is detected, and dims to 10% after movement stops.



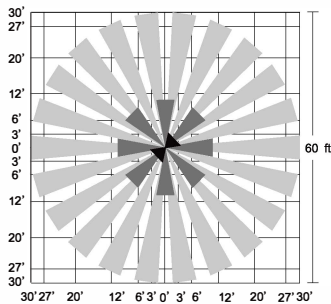
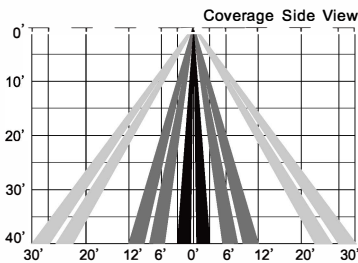
When the natural light level exceeds the set level, the light will turn OFF even if the space is occupied.



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



SENSOR COVERAGE



Default Settings

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