

BI-LEVEL PIR SENSOR FOR WALL PACK LIGHT

MMS-PIR823P-X-D

Bi-level PIR Sensor

DESCRIPTION

The MMS-PIR823P-X-D is a motion sensor that dims lighting from high to low based on movement. The sensors use PIR sensing technology that reacts to changes in movement within the coverage area. Once the sensor stops detecting movement and the time delay elapses lights will go from high to low mode and eventually to an OFF position if it is 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.



MMS-PIR823P-X-D



RC-100

SPECIFICATION FEATURES

Benefits

- Controls 0-10V DC LED drivers or dimming ballasts.
- Rated for wet and cold locations.
- Detection area, time delay and daylight threshold can be precisely set via remote control RC-100.
- Wide detection area, range up to 60 ft in diameter and mounting height 40 ft Max. Suitable for warehouse use.



Max. 60ft

Mounting Height
40ft Max.Daylight
Threshold & HarvestingHold Time
10S-60minAutomatic
Dimming5 Years
Guarantee

WARNING

NOTE: Warm up time is 40 seconds. After the sensor connects input power first time, the light will keep on 40 seconds, then go to dimming to work normally.

NOTE: Factory Default Setting: Brightness 100%, Sensitivity 100%, Hold on time: 10seconds, Daylight sensor is 30lux, Dimming level: 30%, Dimming time: 60 mins.

NOTE: Any setting changed by remote control, the led light that sensor connect will on/off as confirm.

ORDERING INFORMATION

Available with the following Alphalite products:

WPS-A

WPA-A

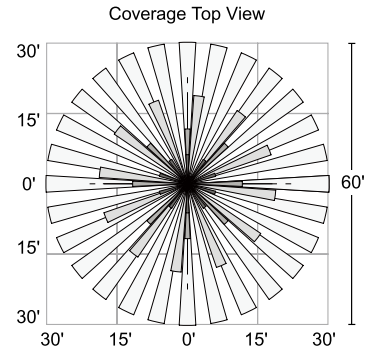
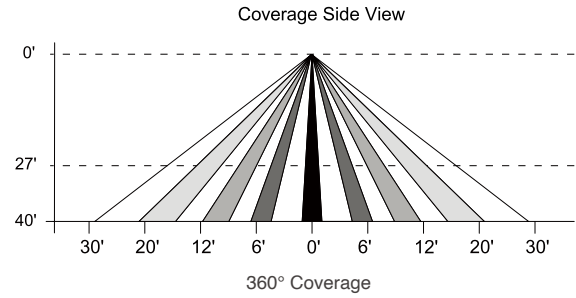
WPTA



SUMMARY

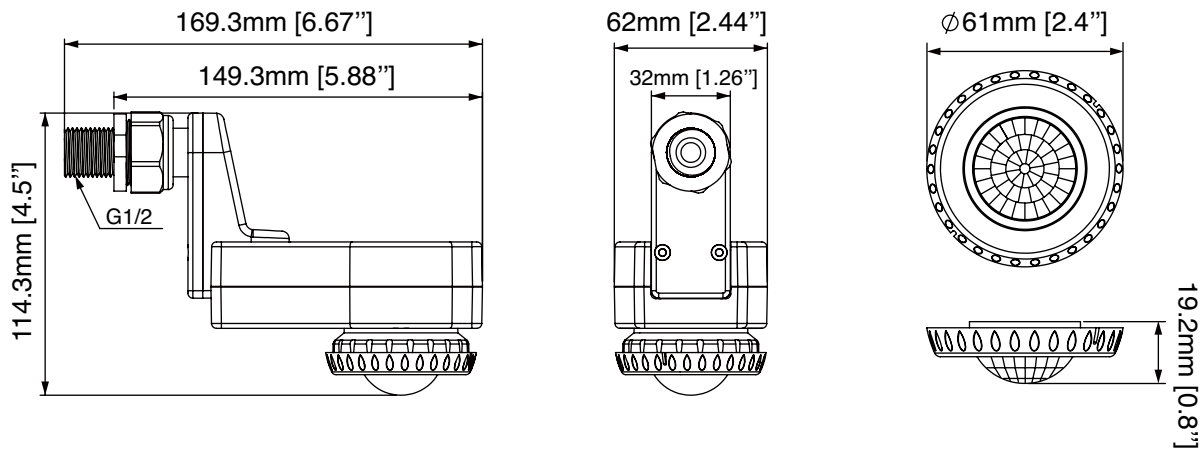
Power Supply	120-277 VAC, 50/60Hz
Dim Control Output	0-10V
Remote Range	60ft (18m) indoor, no backlight
Detection Radius	Max. 30ft (9m)
Mounting Height	Max. 40ft (12m)
Time Setting	10s/1min/5min/10min/15min/20min/30min/60min
Light-control	24H/10LUX/30LUX/50LUX
Temperature	-40°F - +158°F (-40°C~+70°C)
IP Rating	IP66

SENSOR COVERAGE



PHYSICAL PARAMETERS

DIMENSION



Corridor Function

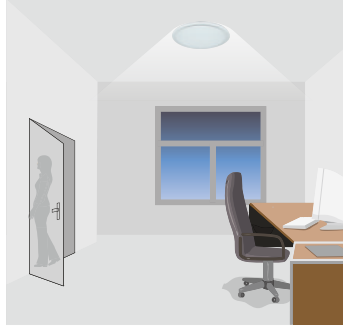
This function inside the motion sensor to achieve tri-level control, for some areas which require a light change notice before switch-off. The sensor offers 3 levels of light: 100%-->dimmed light (natural light is insufficient) -->off; and 2 periods of selectable waiting time: motion hold-time and stand-by period; Selectable daylight threshold and freedom of detection area.



With sufficient natural light, the light does not switch on when presence is detected



With insufficient natural light, the sensor switches on the light automatically when presence is detected




After hold-time, the light dims to stand-by level if the surrounding natural light is below the daylight threshold.



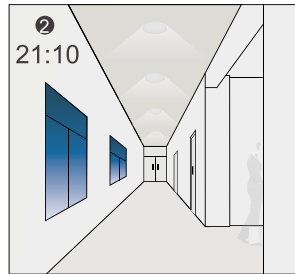
Light switches off automatically after the stand-by period elapses.

Smart Daylight Sensor Function

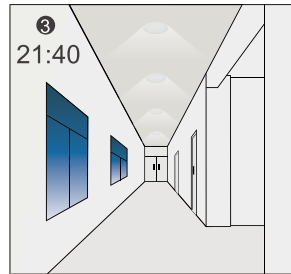
Open the daylight sensor by push  when remote control is in setting condition



The light switches on at 100% when there is movement detected.



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



The light remains in dimming level at night

Setting on this demonstration:

Hold-time: 30 min

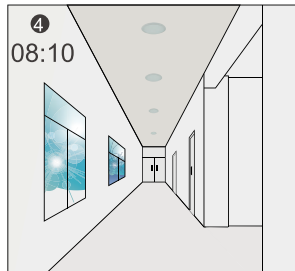
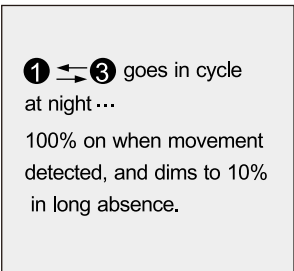
Setpoint on: 50lux

Setpoint off: 300lux

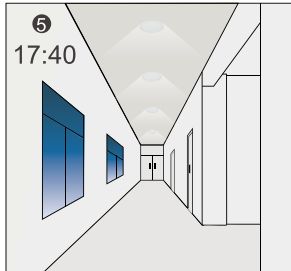
Stand-by dim: 10%

Stand-by period: + ∞

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



When the natural light level exceeds set point off to light, the light will turn off even if when the space is occupied.



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

