

QUICK INSTALLATION SHEET



**Model #:
1000191-01**

- DIMMING
- ON/OFF



On the provided list of device serial numbers, document the location for each Wall Switch, Dimmer.



PHYSICAL DIMENSIONS

NOTE:
Drawings are Not to Scale



INSTALLATION

The Dimmer PIR sensor can be mounted on to a ceiling wall.

Make a hole on the ceiling wall, and place the motion detector from outside wall of ceiling.

Insert the Tightening Nut from inside wall of ceiling and tighten.

Connect the cables of detector and sensor.

Mounting Height:
Fixture or ceiling mount up to 40ft (12.2m)

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Input Voltage
12-24VDC

Current Consumption
50mA w/ autaniNet

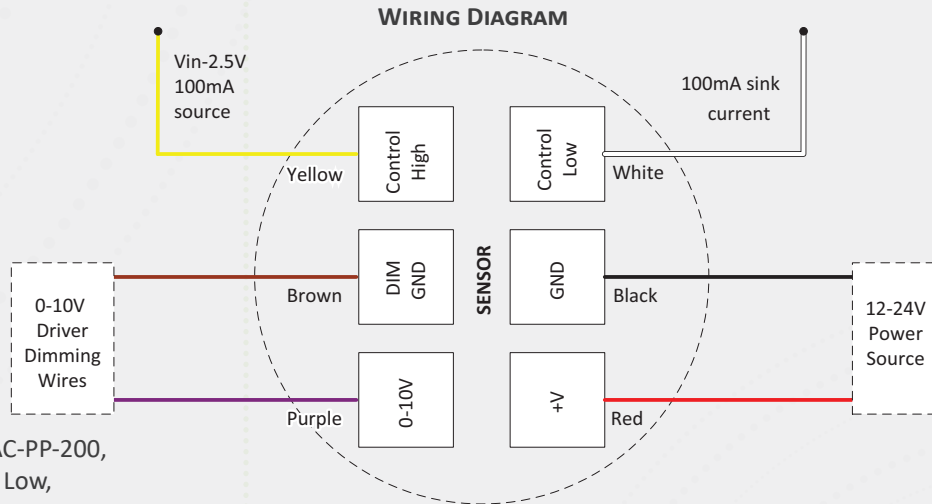
0-10V Output
100mA, up to 50LED sink drivers

High:
Vin-2.5V 100mA source

Low:
100mA sink current

NOTE :

If using a power pack other than PSC-AC-PP-200, connect either Control High or Control Low, depending on power pack relay circuitry.



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SENSOR OPERATION

End users can program length of time delays, motion detection sensitivity, photocell on/off, and other settings using a series of dipswitches and trimpots. Simply remove the lens to gain access.

Bi-level Dimming:** 0-10 V bi-level dimmer connects to 0-10 V control on the LED driver. When motion is detected the sensor will bring lighting up to 100% lumen output. When no motion is detected for the length of TD1, the sensor will send a signal to dim lighting to a specific level set by the end-user. If no motion is detected for the length of TD2, the sensor will send a signal to shut off the light.

Relay Control: Two additional High and Low control outputs can be used to trigger relays or other control circuitry.

**The sensor will dim the light if motion is not detected for the first time delay (TD1) and shut off the light if motion is not detected for the second time delay (TD2). TD2 will only count down after TD1 has expired and the light has dimmed.

If motion is detected during TD2, the light will return to full output, and TD1 will restart. If using a power pack, the sensor will tell the power pack to shut off the driver after TD2 expires to turn off the light. If using a dimming driver without a power pack, the sensor will try to dim down to 0% upon expiration of TD2.

Since one trimpot configures both TD1 and TD2, a fixed TD2 is set to each value of TD1. See page 2 for the corresponding values.

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DIPSWITCH SETTINGS

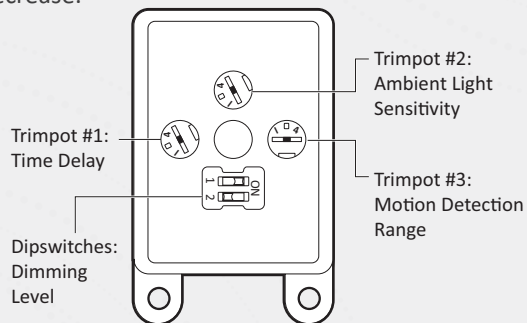
Dipswitch 1	Dipswitch 2	DIM Level
OFF	OFF	OFF
OFF	ON	10%
ON	OFF	25%
ON	ON	50%

NOTE: Dipswitches are only for when the device is not joined to a network.

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TRIMPOTS SETTINGS

Trimpot #1 on left adjusts time delay.
Trimpot #2 in middle daylight sensing control (on/off).
Trimpot #3 on right adjusts motion detection range and sensitivity.
Turn clockwise to increase, turn counterclockwise to decrease.



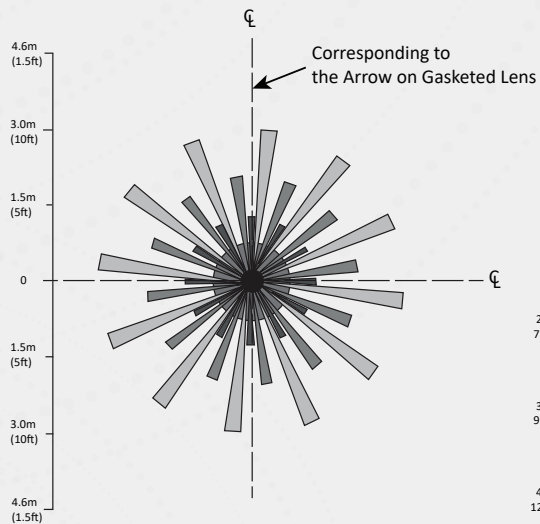
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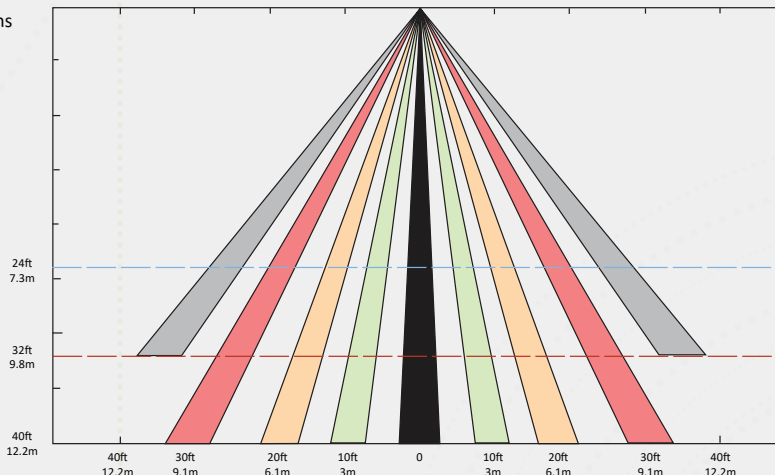
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DETECTION AREA

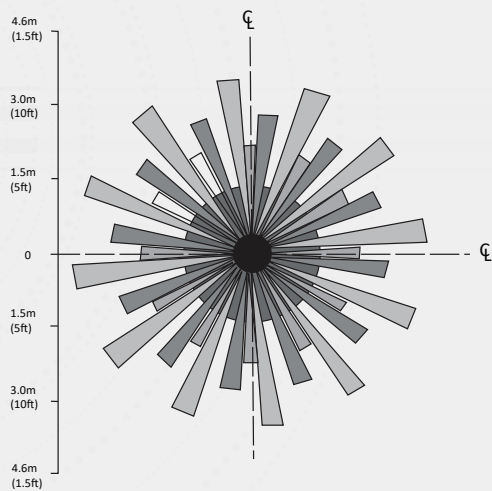
HBL: High Bay Lens - Top View at 8ft (2.4m)



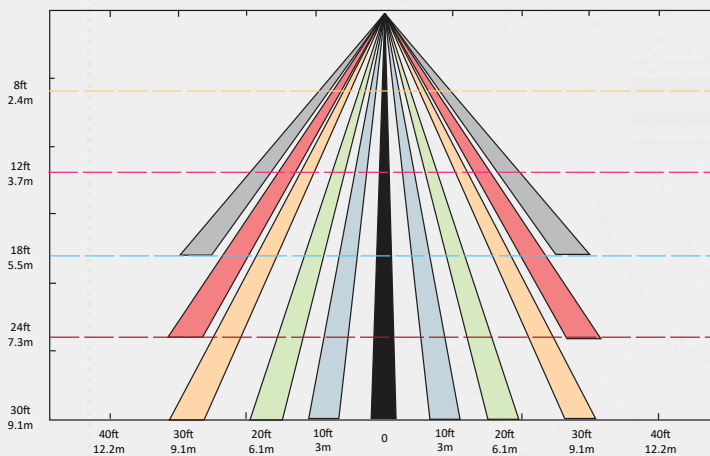
HBL - Side View



LBL: Low Bay Lens - Top View at 8ft (2.4m)



LBL - Side View



FACTORY RESET INSTRUCTION

To reset the device both dip switches must be moved to their OFF position first. Toggle the DIP switch labeled 2 "ON" and "OFF" six times within ten seconds. Upon successfully completing the sequence the Autani PSC module rest the commissioning cluster and leaves the current network it is ON. Currently, no functionality is supported for the POT.

Once the Factory Reset is performed successfully, the device will search for a network and can be added through EnergyCenter®.

After completing the factory reset the LEDs on the radio module will flash RED. After the device has joined a wireless network it will flash GREEN.

