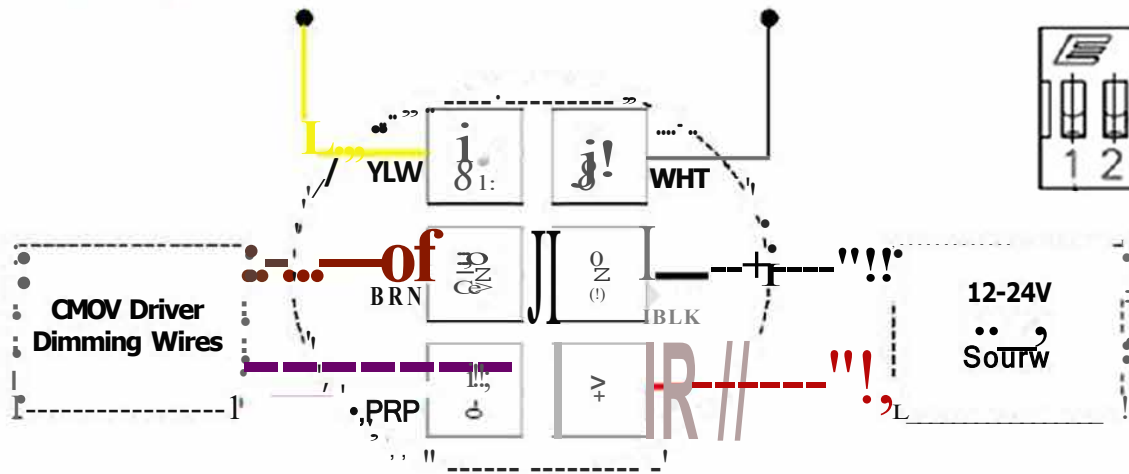


Amerlight Occupancy Sensor Summary Model OS-DC-PIR	
Sensor Type	PIR occupancy sensor
Input Voltage   Current Consumption	12-24VDC   25mA sensor (SOmA w/ BLE)
0-10V Output	100mA, up to SOLED sink drivers
High	Vin42.5V 100mA source
Low	100mA sink current
Max Sensor Range	40 ft   980 ft'
Best Performance	12 ft   1113 ft'
Time Delay (TD1)	5 sec, 5 min, 15 min, 30 min, 10 min
Second Time Delay (TD2)	10 sec, 30 min, 45 min, 60 min, 00***
Photocell Sensitivity	30 Lux to daylight
Operating Temperature	.30°C to 10°C
Storage Temperature	-40°C to 20°C
Relative Humidity	90-95% non-condensing at 30°C
Mounting	Fixture or ceiling mount (max 40ft high)
Color	White
Warranty	5 years
Certification	UL, CE, FCC, RoHS

### Physical Dimensions



### Wiring Diagram



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

\*\*\*11 T01 is set to 10 min, T02 will never expire. So the light will remain at the dim level for as long as motion is not detected.

### Settings Adjustment

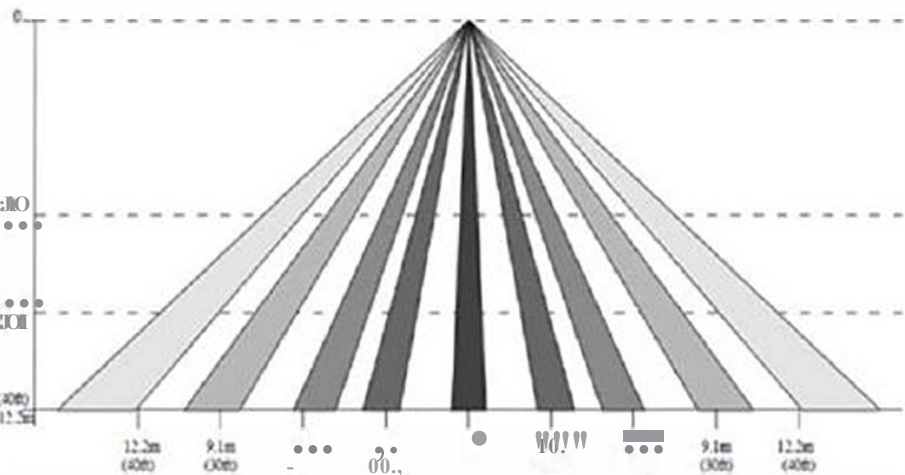
OipSW1tch 1	OipSW1tch 2	DIM Level
OFF	OFF	OFF
OFF	ON	10%
ON	OFF	25%
ON	ON	50%

### Trimpots

- Trimpot left of pyro controls TD1 and TD2, which can be set to 5 sec/10 sec, 5 min/30 min, 15 min/45 min, 30 min/60 min, or 10 min/00. Fully counterclockwise (CCW) is shortest time delays. As you turn pot clockwise (CW), time delays increase; fully CW position is for disabling TD2.
- Trimpot above pyro controls ambient light sensitivity (0 to 1000 lux). The more sensitive the sensor, the darker it must be for the light to turn on (useful in daylight harvesting applications). Fully CCW is least sensitive to light (works normally in daylight). Fully CW is most sensitive to light.
- Trimpot right of pyro controls detection range. Fully CCW position is minimum range. As you turn pot CW, range increases; fully CW position is maximum range.

### Detection Area

High Bay Lens



Low Bay Lens

