

Microwave Sensor
OSX15 Series



On/off control



Detection area



Hold time



Daylight threshold



Stand-by period



Stand-by dimming level



Remote control setting



Max 12M/
39.37ft
Installation
Height



warranty
5
years

Technical Data

PIR Sensor	Version	Dimmable Version
	SKU	39-93017-A
	Highly	High Altitude
	Sensor	Microwave Sensor
	Stand-by Period	0s/10s/30s/1min/5min/10min/30min/60min/+∞
	Stand-by Dimming Level	10%/20%/30%/50%
	PIR Wave Length	5-14um
	Peak Output Signal	≥3500mW
	PIR Sensitivity	≥3200V/W
	Detection Area	25%/50%/75%/100%
	Hold Time	5s/30s/1 min/3min/5min/10min/20min/30min
	Daylight Threshold	2Lux/10Lux/30Lux/50Lux/80Lux/120Lux/Disable

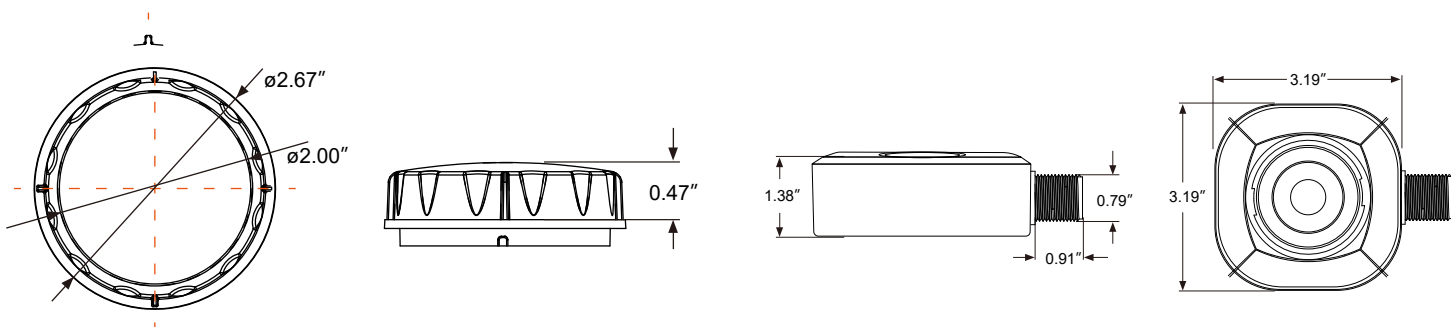
BUILDERS PACK

Add: 79 Emjay Blvd. Brentwood New York USA 11717
Tel: 516-218-5599 / E-mail: Service@builderspack.com
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SIMPLY RELIABLE

Input	Capacity	120V:3.3A/400W(Control Gear); 800W(Ballast or Incandescent) 230V:3.5A/800W(Control Gear); 1600W(Ballast or Incandescent) 347V:0.6A/200W(Control Gear); 400W(Ballast or Incandescent)
	Control method	1-10V Dim
Output	Operating Voltage	120-347VAC,50Hz/60Hz
	Stand-by Power	≤0.5W(230VAC)
Others	Mounting Height	8-12M/ 26.24-39.37ft (Ceiling Mounted)
	Detection Range	Radius 9M/30ft Max
	Motion Detection	0.5~1m/s
	Detection Angle	< 120 ° (Without Glass Cover)
	Operating temperature	-35°C ~ 60°C / -31°F~140°F
	IP rating	IP20
	Certificate	UL ROHS CE
	Remote	44-33005-A / 78-20178-A
	Net Weight	0.67lbs
	Warranty	5 years
	Default Programming	Detection Area 100%, Holdtime 5S, Daylight Threshold Disable, Standby Period 0S, Standby Dimming Level 10%

Dimensions

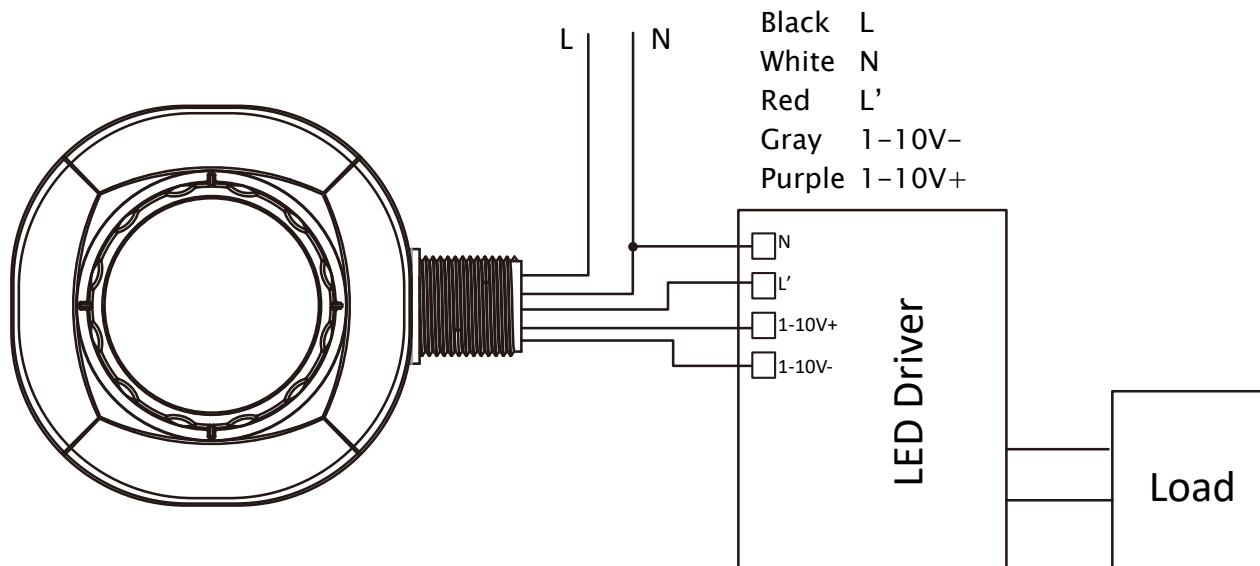


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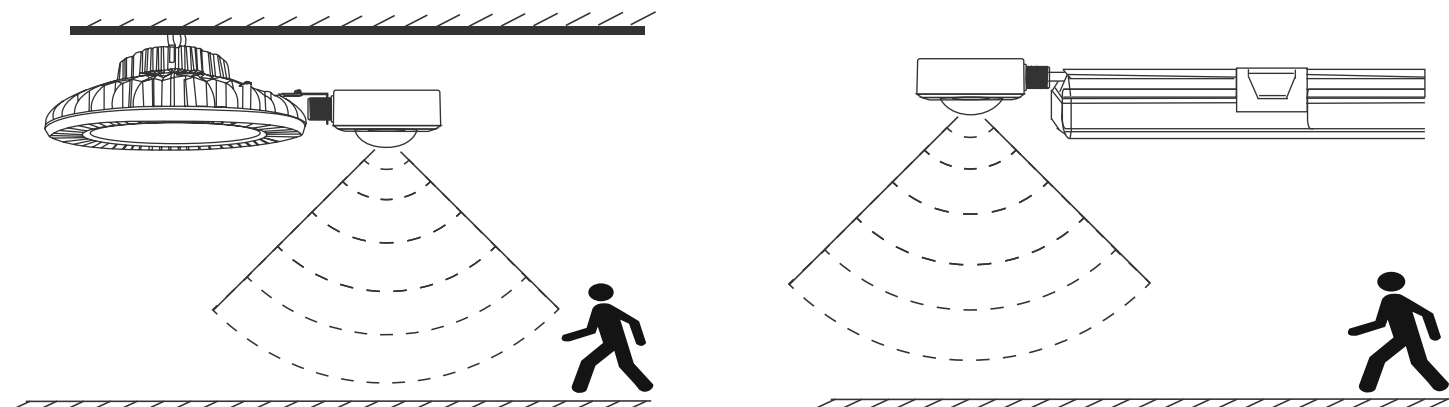
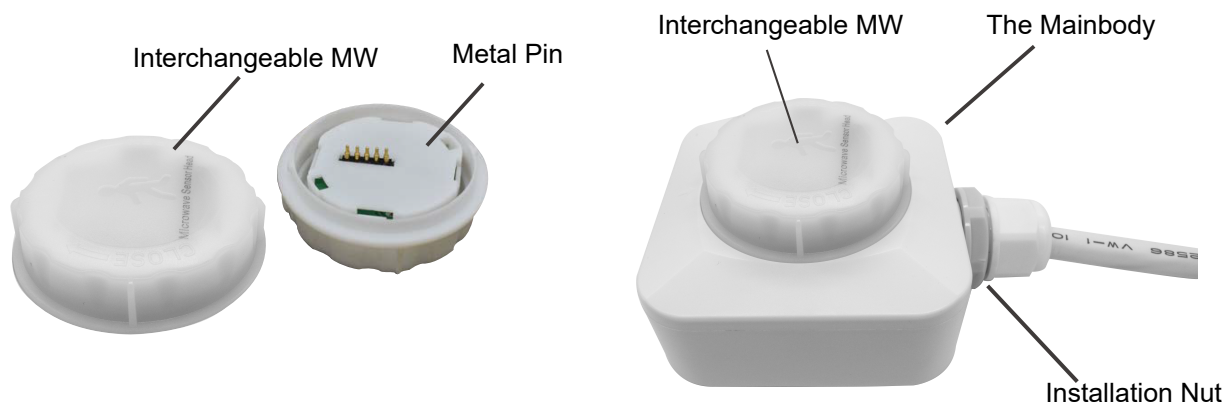
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Wiring Diagram



Installation Method



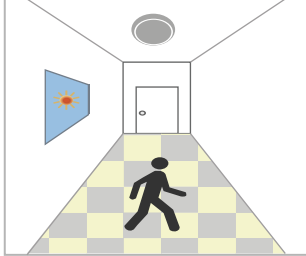
With standard knock-out part, it can be installed into the linear light fixture; With the flexible installation bracket, it can fit into UFO highbay light.

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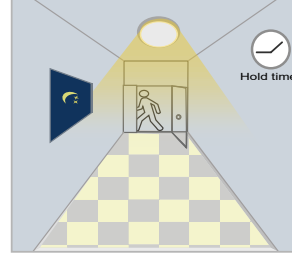
Application



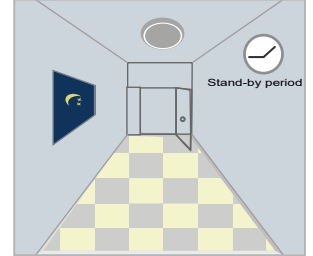
With enough ambient brightness, sensor will keep the light OFF even though it detects heat.



When ambient brightness gets lower than the preset daylight lux level, the sensor will turn ON light once it detects heat in the area.



The sensor will dim light to standby dimming level and keep for a standby period after holdtime.
*Suitble for dimmable sensor



The sensor will turn OFF light if no heat detected during the standby period; With heat presence, it will turn ON light immediately.

Attention



IMPORTANT START-UP INFORMATION

1. We reserve the right to necessarily modify any incorrect words or pictures or technical parameters.
2. Do NOT rework the sensor without permission or authorization, otherwise the contract clauses guaranteed will be invalid immediately.



INSTALLATION OVERVIEW

1. TURN THE POWER OFF AT THE CIRCUIT BREAKER BEFORE INSTALLING THE SENSOR.
2. Do NOT allow bare wires to show; Make sure all connections are secure; Check all the gaskets for watertight fit.
3. Assemble any necessary mounting accessories.
4. Have the sensor's lens lower than edge of the fixture and keep the sensor away from heating part.



APPLICATIONS

1. Do NOT mount it outdoor, in case the outdoor temperature disturbs it.
2. Do NOT have it at places with suddenly changed temperature or airflow.
3. Do NOT have shelves between sensor to the presence area.