



Sensing Control Product Guide



Smart Wallbox Sensors

Smart Wallbox Sensors				
Description	Cat. No.	Color	Rating	Coverage
Smart PIR 0-10V Dimming Wallbox Sensor	ODD10-ID	W, I*	General Purpose @ 120V: 10A General Purpose @ 277V: 10A LED/Electronic Ballast @ 120V: 8A LED/Electronic Ballast @ 277V: 5A Standard Ballast @ 120V, 277V: 10A Tungsten @ 120V, 277V: 6.67A Motor @ 120V: 1/4HP (FLA 5.8A) Motor @ 277V: 1/3HP (FLA 3.0)	180°, 1100SF (102SM)
Smart PIR 0-10V Antimicrobial Wall Switch Sensor	011-ODD10-HDW	W		
	012-ODD10-HDI	I		
Smart PIR Wallbox Sensor	ODS15-GD	W*	General Purpose @ 120V, 277V: 20A LED/Electronic Ballast @ 120V, 277V: 10A Standard Ballast @ 120V, 277V: 10A Tungsten @ 120V, 277V: 6.67A Motor @ 120V: 1/4HP (FLA 5.8A) Motor @ 277V: 1/3HP (FLA 3.0) No Neutral Required	
Smart PIR Wall Switch Sensor	ODS15-ID	W, I*	General Purpose @ 120-277VAC, 60Hz LED/Electronic Ballast @ 120V, 277V: 10A Standard Ballast @ 120V, 277V: 10A Tungsten @ 120V, 277V: 6.67A Motor @ 120V: 1/4HP (FLA 5.8A) Motor @ 277V: 1/3HP (FLA 3.0) Neutral Required	
Smart PIR Wall Switch Sensor	ODS15-I1	W, I*	General Purpose @ 120V: 20A LED/Electronic Ballast @ 120V: 10A Standard Ballast @ 120V: 10A Tungsten @ 120V: 6.67A Motor @ 120V: 1/4HP (FLA 5.8A) Neutral Required	
Smart PIR Antimicrobial Wall Switch Sensor	030-ODS15-GDW	W	General Purpose @ 120V, 277V: 20A LED/Electronic Ballast @ 120V, 277V: 10A Standard Ballast @ 120V, 277V: 10A Tungsten @ 120V, 277V: 6.67A Motor @ 120V: 1/4HP (FLA 5.8A) Motor @ 277V: 1/3HP (FLA 3.0) No Neutral Required	
	031-ODS15-GDI	I		
	022-ODS15-IDW	W	General Purpose @ 120V, 277V: 20A LED/Electronic Ballast @ 120V, 277V: 10A Standard Ballast @ 120V, 277V: 10A Tungsten @ 120V, 277V: 6.67A Motor @ 120V: 1/4HP (FLA 5.8A) Motor @ 277V: 1/3HP (FLA 3.0) Neutral Wire Required	
	018-ODS15-HDI	I		
	017-ODS15-H1W	W	General Purpose @ 120V: 20A LED/Electronic Ballast @ 120V: 10A Standard Ballast @ 120V: 10A Tungsten @ 120V: 6.67A Motor @ 120V: 1/4HP (FLA 5.8A) Neutral Wire Required	
	019-ODS15-H1I	I		
Smart PIR 24V Dimming Wallbox Sensor	ODD24-ID	W*	12-24VDC	
Smart PIR Antimicrobial 24V Dimming Wallbox Sensor	011-ODD24-IDW			



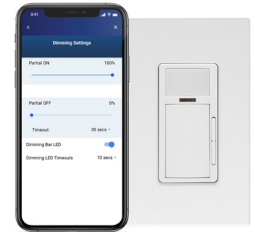
ODD10/ODD24



ODS15

Smart Wallbox Sensors

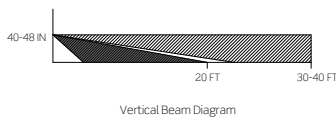
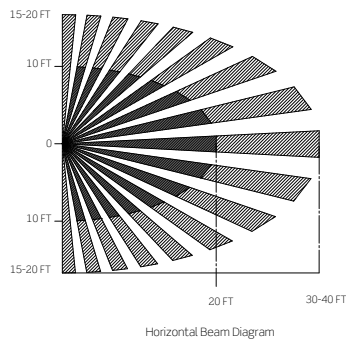
Description	Cat. No.	Color	Rating	Coverage
Smart PIR 1000W Dimming Sensor	ODP10-I1**	W, I	General Purpose @ 120V: 20A LED/Electronic Ballast @ 120V Magnetic Ballasts @ 120V Resistive, Tungsten @ 120V Motor @ 120V Not rated for use	180°, 1100SF (102SM)
Smart PIR Antimicrobial 1000W Dimming Wallbox Sensor	011-ODP10-I1W	W		
	012-ODP10-I1I	I		



ODS15/ODP10

*Color Change Kits available for Black, Red, Gray, Light Almond and White.
Leviton sensors meet the following applicable agency listings: UL, cUL, FCC, and ICC.
See product data sheets for specific listings.

Note: Antimicrobial Wallplate sold separately. Order 80401-2AW, 1-Gang Decora Antimicrobial Wallplate.



Field-of-View

Decora® PIR Residential Motion Sensors

Decora® Residential Grade Wall Switch Infrared Motion Sensors

Description	Cat. No.	Color	Rating
Decora Wall Switch PIR Motion Sensor, Relay Occupancy Sensor, single pole, 180° Field-of-View, 900 sq. ft. coverage	DOS02-0L	W	150W LED/CFL, 250W Inc/Halogen, 250VA ELV, 200VA MLV, 2A Resistive
	DOS02-1L	I, T	
Decora Wall Switch PIR Motion Sensor, Relay Vacancy Sensor, single pole 180° Field-of-View, 900 sq. ft. coverage	DVS02-1L	W	
Decora Wall Switch PIR Motion Sensor, Relay Occupancy Sensor, single pole/3-way, 180° Field-of-View, 900 sq. ft. coverage	DOS05-1L	Z	300W LED/CFL, 600W Inc/Halogen, 400VA ELV/MLV, 1/4 HP Motor, 5A Resistive
	DVS05-1L	Z	
Decora Wall Switch PIR Motion Sensor, Relay Occupancy Sensor, single pole/multi-sensor/multi-way, 180° Field-of-View, 900 sq. ft. coverage	DOS15-1L	Z	600W LED/CFL, 1800W Inc/Halogen, 1200VA ELV/MLV/FL, 1/2 HP Motor, 15A Resistive
Decora Wall Switch PIR Motion Sensor, Relay Vacancy Sensor, single pole/multi-sensor/multi-way, 180° Field-of-View, 900 sq. ft. coverage	DVS15-1L	Z	



DOS02, DVS02, DOS05, DVS05, DOS15, DVS15

* To order colors, add suffix to basic Cat. No. Products with suffix (-Z) include White, Ivory and Light Almond.

Decora® Residential Grade Wall Switch Humidity Sensor and Fan Control

Description	Cat. No.	Color	Rating
Humidity Sensor & Fan Control	IPHS5-1L	W, I, T	600W Incandescent, 150W LED/CFL 400VA MLV/Fluorescent, 1/6 HP (3A) Fan

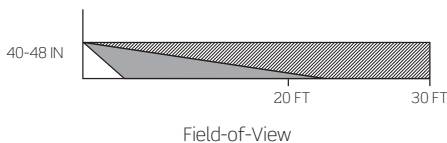
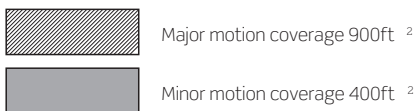
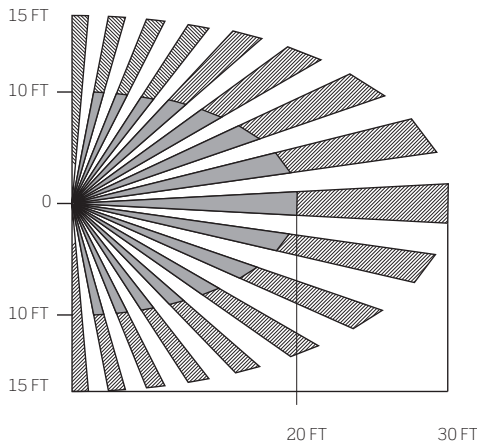


IPHS5-W

Color Change Kits

Description	Cat. No.	Color
Color Change Kits for Relay Sensors	DOS02-0L	W, I, T, G, E, B
Color Change Kits for Humidity Sensor, No Fan Icon	IPDKT-00	W, I, T, E, B

Color change kits available in the following colors: White (-W), Ivory (-I), Light Almond (-T), Gray (-G), Black (-E), and Brown (-B)



Decora® Wall Switch PIR Occupancy and Vacancy Sensors

Decora® Commercial Grade Wall Switch PIR Occupancy and Vacancy Sensors*				
Description	Cat. No.	Color **	Rating	Coverage
Decora Wall Switch PIR Occupancy Sensor	ODS06-ID ODS06-IN	W, I	Incandescent: 600W @ 120V, LED Fluorescent: 800VA @ 120V 1500VA @ 277V, 50/60Hz Motor: 1/4 HP @ 120V	180°, 2100SF (195.10SM)
Decora Wall Switch PIR Occupancy Sensor 347V Only Model	ODS10-I3	W	Incandescent: 3470W @ 347V LED Fluorescent: 3470W @ 347V, 50/60 Hz Motor: 1/4HP @ 347V	
Decora Wall Switch PIR Occupancy Sensor	ODS10-ID	W, I, T, G, E, R	Incandescent: 800W @ 120V LED Fluorescent: 1200VA @ 120V, 2700VA @ 277V, For 60Hz only Motor: 1/4HP @ 120V	
Decora Dual-Relay Wall Switch PIR Occupancy Sensor with Self-Adaptive Technology Default setting = Conference Room Mode*** Alternate setting = Classroom mode****	ODS0D-ID	W, I, T, G, E, R	Primary Relay- LED Fluorescent: 1200VA @ 120V, 2700VA @ 277V; Incandescent: 800W @ 120V Secondary Relay- LED Fluorescent: 800VA @ 120V, 1200VA @ 277V; Incandescent: 800W @ 120V. 50/60Hz	
Protective Cage for Wall Switch Sensors	OSWWG-POW	—	—	



ODS06-INW/ODS06-IDW
ODS10-IDW



ODS0D-IDW

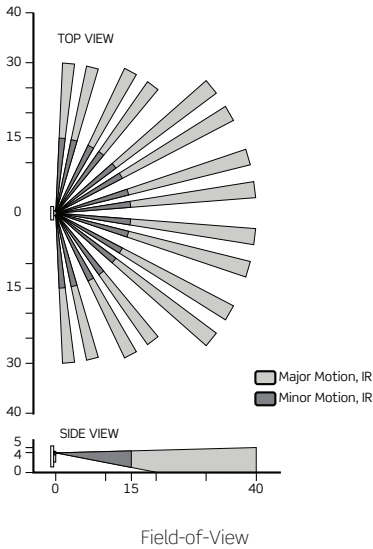
*Consult with factory for 208, 220, 230, and 240V load ratings.

**Add to end of catalog number suffix for color of switch: White (W), Ivory (I), Light Almond (T), Gray (G), Ebony (E) and Red (R) available on select models. Wallplates sold separately.

***In Conference Room Mode, both primary and secondary relays respond to ambient light override.

****In Classroom Mode, primary relay responds only to ambient light override

Leviton sensors meet the following applicable agency listings: UL, cULus, ETL, CSA and NOM. See product data sheets for specific listings.



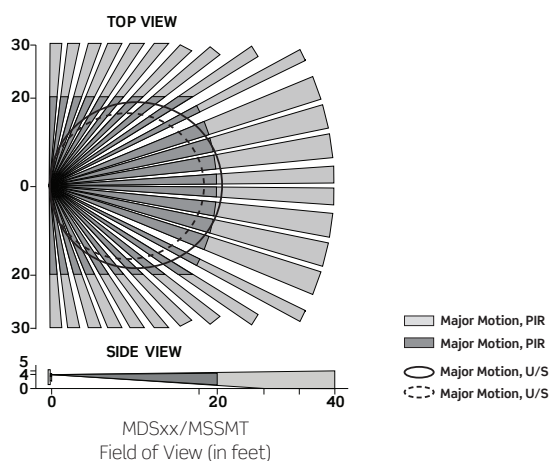
Decora® Wall Switch PIR Occupancy and Vacancy Sensors

Decora® Wall Switch - Lev-Lok® Models, 20A			
Description	Cat. No.	Color	Rating
Decora® Wall Switch PIR Occupancy Sensor - Lev-Lok® Model	MDS10-ID	W, I, T, G, E	Incandescent: 800W @ 120V Fluorescent: 120VA @120V, 2700VA @ 277V 50/60Hz Motor: 1/4HP @ 120V
Decora® Wall Switch PIR Occupancy Sensor - Lev-Lok® Model	MDS15-ID		
Decora® Wall Switch Multi Technology Occupancy Sensor with No Neutral - Lev-Lok® Model	MSSMT-GD		Incandescent/Tungsten: 800W @ 120V Fluorescent: 1200VA @ 120V, 2700VA @ 277V 60Hz Motor: 1/4HP @ 120V



MDS10

Wiring Modules for use with Lev-Lok® Sensors		
Description	Cat. No.	Color
Stranded	MSPSW-XST	Yellow
Solid	MSPSW-XSD	Yellow



Digital Timer			
Description	Cat. No.	Color	Rating
Programmable Digital Indoor Timer, Wallplate Included	TS300-0DW	W	120VAC, 15A Resistive, 10A Ballast, 1200W LED lamp driver, 8A Tungsten 1/4 HP Motor 360VA Pilot duty 277VAC, 15A Resistive, 10A Ballast



TS300

Decora® Wall Switch Multi-Technology Occupancy and Vacancy Sensors

Decora® Commercial Grade Wall Switch Multi-Technology (PIR & U/S) Occupancy and Vacancy Sensors*

Description	Cat. No.	Color	Rating	Coverage
Decora® Wall Switch Multi-Technology Occupancy Sensor with Self-Adaptive Technology	OSSMT-MD	W, I, T, G, E, R	Incandescent/Tungsten: 800W @ 120V Fluorescent: 1200VA @ 120V, 2700VA @ 277V Motor: 1/4HP @ 120V 50/60Hz	180°, 2400SF (222.97SM)
Decora® Wall Switch Multi-Technology Vacancy Sensor with Self-Adaptive Technology	OSSMT-TM	I, T	Incandescent/Tungsten: 800W @ 120V Fluorescent: 1200VA @ 120V, 2700VA @ 277V, 1500VA @ 347V Motor: 1/4HP @ 120V	
Decora® Wall Switch Multi-Technology Occupancy Sensor with Self-Adaptive Technology - 347V Only Model	OSSMT-M3	W, I	Incandescent/Tungsten: 800W @ 120V Fluorescent: 1200VA @ 120V, 2700VA @ 277V Motor: 1/4HP @ 120V	
Decora® Wall Switch Multi-Technology Occupancy Sensor with no neutral wire required for installation	OSSMT-GD	W, I, T, G, E, R	Incandescent/Tungsten: 800W @ 120V. Fluorescent: 1200VA @ 120V, 2700VA @ 277V. Motor: 1/4HP @ 120V, 50/60Hz	
Decora® Wall Switch Multi-Technology Vacancy Sensor with No Neutral	OSSMT-GT	I, T	Primary Relay — Fluorescent 1200VA @ 120V, 2700VA @ 277V Incandescent: 800W @ 120V Secondary Relay — Fluorescent: 800VA @ 120V, 1200VA @ 277V; Incandescent: 800W @ 120V Motor: 1/4HP @ 120V, 50/60Hz	
Decora® Dual-Relay Wall Switch Multi-Technology Occupancy Sensor	OSSMD-MD	W, I	Primary Relay — Fluorescent 1200VA @ 120V, 2700VA @ 277V Incandescent: 800W @ 120V Secondary Relay — Fluorescent: 800VA @ 120V, 1200VA @ 277V; Incandescent: 800W @ 120V Motor: 1/4HP @ 120V, 50/60Hz	
Decora® Dual-Relay Wall Switch Multi-Technology Occupancy Sensor with no neutral wire required for installation	OSSMD-GD			
Protective Cage for Wall Switch Sensors	OSWWG-P0W	W	—	—

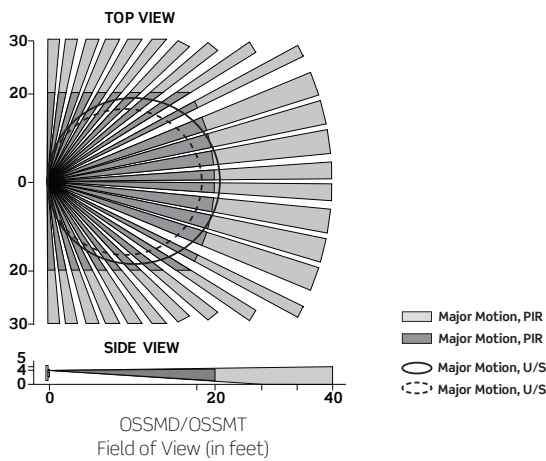


OSSMT-MD/
OSSMT-GDW



OSSMD-MD/
OSSMD-GDW

*Consult with factory for 208, 220, 230, and 240V load ratings.
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See product data sheets for specific listings.

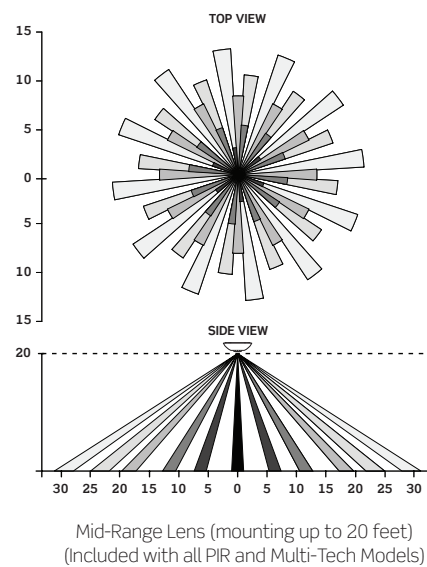
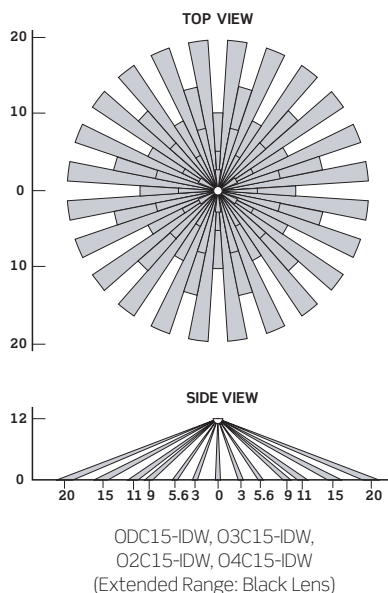
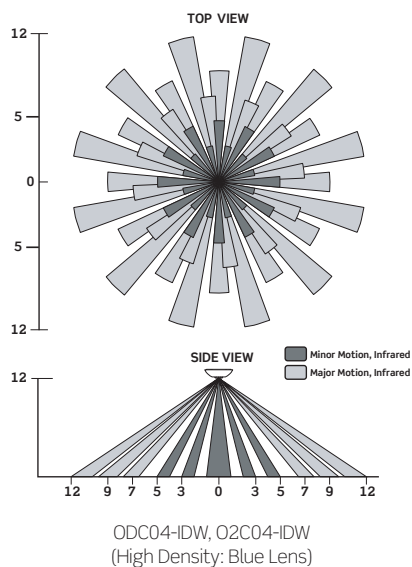


Provolt™ Self-Contained PIR Ceiling Mount Occupancy Sensors— Daylight Harvesting Capable

Provolt Self-Contained Passive Infrared Ceiling Mount Occupancy Sensors — Daylight Harvesting Capable

Description	Cat. No.	Coverage	Color	Input Voltage, Rating
Provolt Line Voltage Ceiling Mount PIR Occupancy Sensor w/Integrated Photocell, High-Density Lens installed, Mid-Range Lens included	ODC04-IDW O2C04-IDW (Dual Relay)	450SF (41.80SM)	W	120V, 50/60Hz 8A, Electronic Ballast, 800W/VA, Tungsten Ballast, 1/4 HP Motor
Provolt Line Voltage Ceiling Mount PIR Occupancy Sensor w/Integrated Photocell, Extended Range Lens installed, Mid-Range Lens included	ODC15-IDW O2C15-IDW (Dual Relay)	1500SF (139.35SM)		230V, 50Hz 6A/6AX, Electronic Ballast, Magnetic Ballast, 1200W/VA, 1/3 HP Motor
				277V, 50/60Hz 6A, Electronic Ballast, 1200VA, 1/3 HP Motor

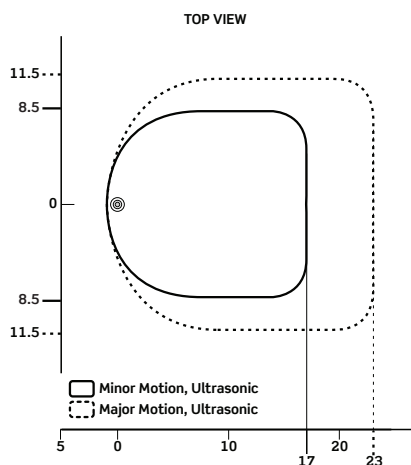
Leviton sensors meet the following applicable agency listings: UL, cULus, ETL, CSA and NOM.
See product data sheets for specific listings.



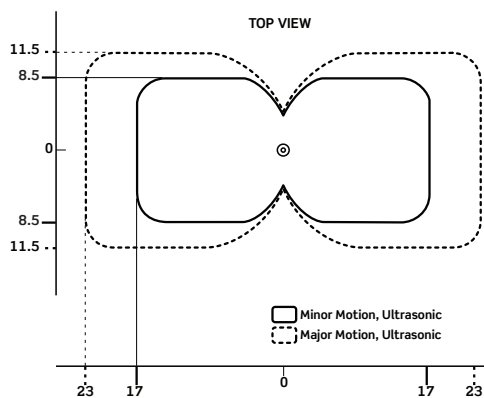
Provolt™ Self-Contained Ultrasonic Ceiling Mount Occupancy Sensors—Daylight Harvesting Capable

Provolt Self-Contained Ultrasonic Ceiling Mount Occupancy Sensors — Daylight Harvesting Capable

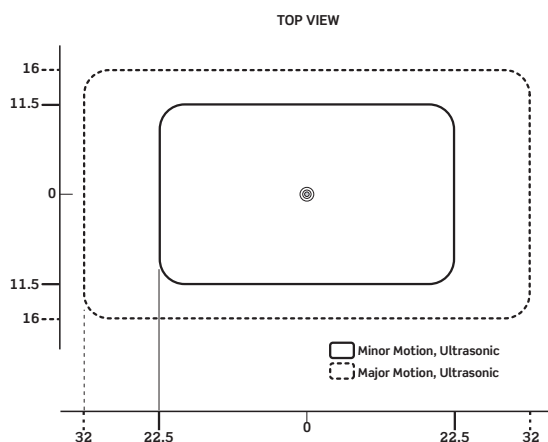
Description	Cat. No.	Coverage	Color	Input Voltage, Rating
Provolt Line Voltage Ceiling Mount U/S Occupancy Sensor w/Integrated Photocell, Extended Range Lens installed	ODC05-UDW O2C05-UDW (Dual Relay)	500SF (46.45SM)	W	277V, 50/60Hz 5A, Electronic Ballast, 800W/VA, Tungsten Ballast, 1/3 HP Motor
Provolt Line Voltage Ceiling Mount U/S Occupancy Sensor w/Integrated Photocell, Extended Range Lens installed	ODC10-UDW O2C10-UDW (Dual Relay)	1000SF (92.90SM)		230V, 50Hz 6A/6AX, Electronic Ballast, Magnetic Ballast, 1200W/VA, 1/3 HP Motor
Provolt Line Voltage Ceiling Mount U/S Occupancy Sensor w/Integrated Photocell, Extended Range Lens installed	ODC20-UDW O2C20-UDW (Dual Relay)	2000SF (185.81SM)		277V, 50/60Hz 5A, Electronic Ballast, 1200VA, 1/3 HP Motor



ODC05-UDW, O2C05-UDW



ODC10-UDW, O2C10-UDW



ODC20-UDW, O2C20-UDW

Self-Contained PIR Line Voltage Occupancy Sensors

Self-Contained Infrared Ceiling Mount Occupancy Sensors				
Description	Cat. No.	Color	Rating	Coverage
Self-Contained Ceiling Mount PIR Occupancy Sensor and Switching Relay, 120V	ODC0S-I1W	W	Incandescent: 1000W @ 120V Fluorescent: 1000VA @ 120V Motor: 1HP @ 120V 50/60Hz	360°, 530SF* (49.23SM)
Self-Contained Ceiling Mount PIR Occupancy Sensor and Switching Relay, 220V	ODC0S-I2W		Incandescent: 1000W @ 220V Fluorescent: 500VA @ 220V For 50Hz AC only.	
Self-Contained Ceiling Mount PIR Occupancy Sensor and Switching Relay, 277V	ODC0S-I7W		Fluorescent: 2700VA @ 220V 50/60Hz	
Protective Cage for Ceiling Mount Sensors	ODCCG-000	—	—	—



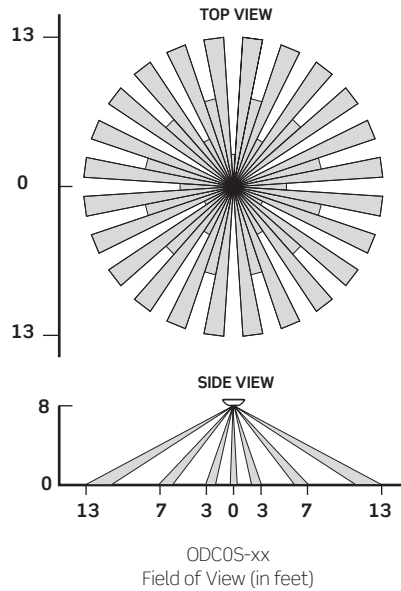
ODC0S-I1W



ODCCG-000

*When surface mounted on standard, 8 foot ceiling.

Leviton sensors meet the following applicable agency listings: UL, cULus, ETL, CSA and NOM. See product data sheets for specific listings.



Line Voltage Sensors

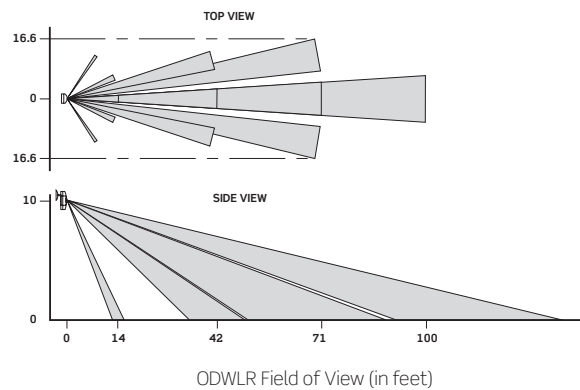
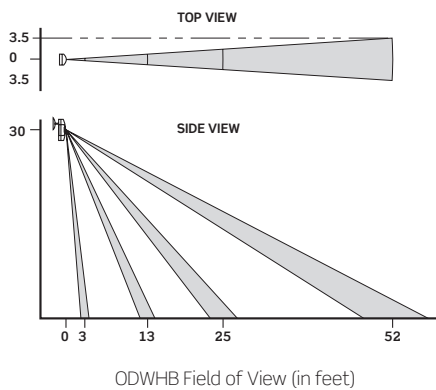
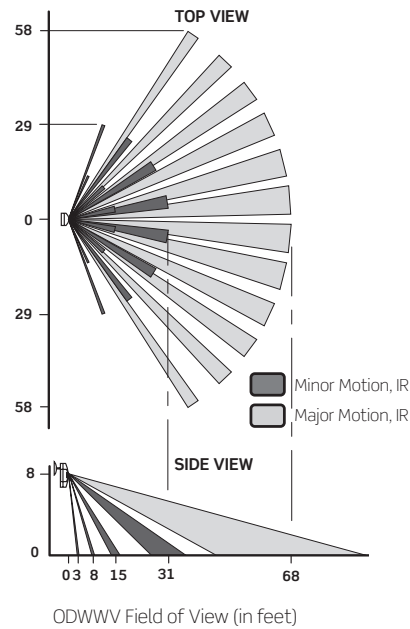
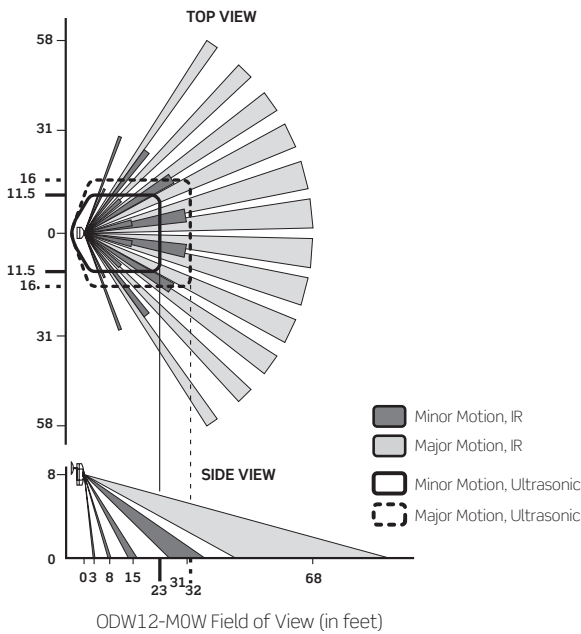
Line Voltage Sensors with OPB15 Power Base Adaptor Combos

Description	Cat. No.	Color	Rating	Coverage
Line Voltage Wall Mount Multi-Technology Occupancy Sensor with Power Base Combo	ODW12-MDW	W	15A Incandescent, Electronic or Magnetic Fluorescent Ballast Motor: 3/4 HP @ 120V, 277V @ 2HP	1200SF (111.48SM)
Line Voltage Wall Mount PIR Wide View Occupancy Sensor with Power Base Combo	ODWWV-IDW			115°, 2500SF (232.26SM)
Line Voltage Wall Mount PIR Wide View Occupancy Sensor with Power Base Combo	ODWHB-IDW			55ft., 7ft side @ 30ft high (16.76m x 2.13m side @ 9.14m high)
Line Voltage Wall Mount PIR Long Range Occupancy Sensor with Power Base Combo	ODWLR-IDW			100ft, 110° @ 10ft high (30.48m, @ 3.04m high)
Protective Cage for Wall Mount Sensors	OSWCG-P0W	—	—	—



ODW12-MDW

Leviton sensors meet the following applicable agency listings: UL, cULus, ETL, CSA and NOM. See product data sheets for specific listings.

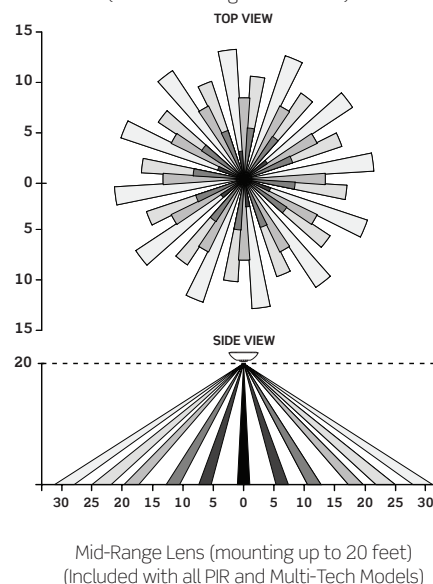
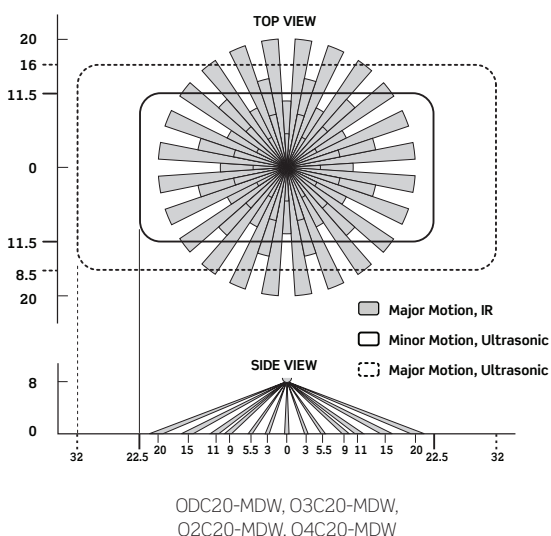
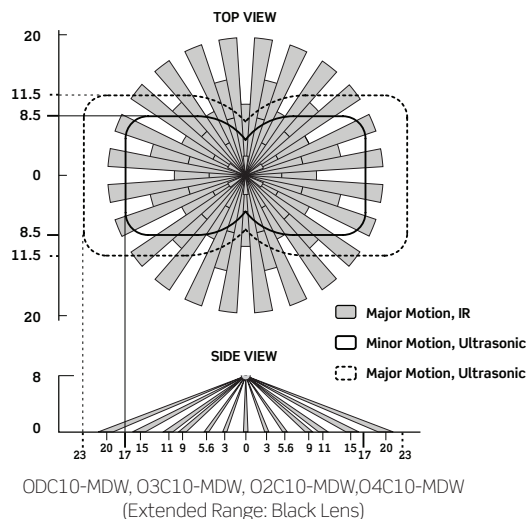
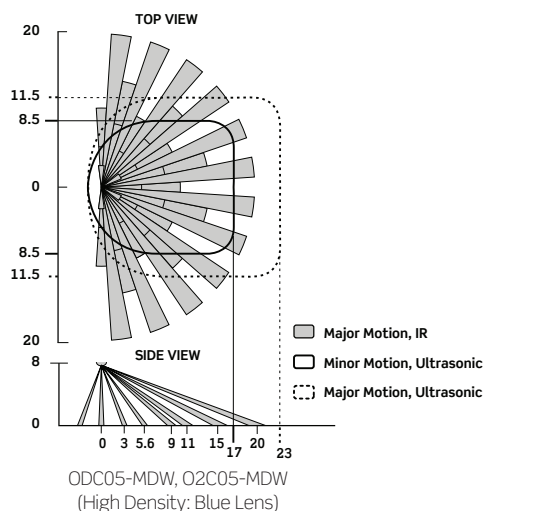


Provolt™ Self-Contained Multi-Technology Ceiling Mount Occupancy Sensors—Daylight Harvesting Capable

Provolt Self-Contained Multi-Technology Ceiling Mount Occupancy Sensors — Daylight Harvesting Capable

Description	Cat. No.	Coverage	Color	Input Voltage, Rating
Provolt Line Voltage Ceiling Mount Multi-Technology Occupancy Sensor w/Integrated Photocell, Extended Range Lens installed	ODC05-MDW O2C05-MDW (Dual Relay)	500SF (46.45SM)	W	120V, 50/60Hz 8A, Electronic Ballast, 800W/VA, Tungsten Ballast, 1/4 HP Motor
Provolt Line Voltage Ceiling Mount Multi-Technology Occupancy Sensor w/Integrated Photocell, Extended Range Lens installed, Mid-Range Lens included	ODC10-MDW O2C10-MDW (Dual Relay)	1000SF (92.90SM)		230V, 50Hz 6A/6AX, Electronic Ballast, Magnetic Ballast, 1200W/VA, 1/3 HP Motor
Provolt Line Voltage Ceiling Mount Multi-Technology Occupancy Sensor w/Integrated Photocell, Extended Range Lens installed, Mid-Range Lens included	ODC20-MDW O2C20-MDW (Dual Relay)	2000SF (185.81SM)		277V, 50/60Hz 5A, Electronic Ballast, 1200VA, 1/3 HP Motor

Leviton sensors meet the following applicable agency listings: UL, cULus, ETL, CSA and NOM. See product data sheets for specific listings.



Provolt™ Self-Contained Ceiling Mount Vacancy Sensors

Provolt Self-Contained Ceiling Mount Vacancy Sensors

Description	Cat. No.	Coverage	Color	Input Voltage, Rating
Provolt Line Voltage Ceiling Mount PIR Vacancy Sensor	03C15-IDW 04C15-IDW (Dual Relay)	1500SF (139.35SM)	W	120V, 50/60Hz 8A, Electronic Ballast, 800W/VA, Tungsten Ballast, 1/4 HP Motor
Provolt Line Voltage Ceiling Mount Multi-Technology Vacancy Sensor	03C10-MDW 04C10-MDW (Dual Relay)	1000SF (92.90SM)		230V, 50Hz 6A/6AX, Electronic Ballast, Magnetic Ballast, 1200W/VA, 1/3 HP Motor
Provolt Line Voltage Ceiling Mount Multi-Technology Vacancy Sensor	03C20-MDW 04C20-MDW (Dual Relay)	2000SF (185.81SM)		277V, 50/60Hz 5A, Electronic Ballast, 1200VA, 1/3 HP Motor

Leviton sensors meet the following applicable agency listings: UL, cULus, ETL, CSA and NOM.
See product data sheets for specific listings.



ODC20-MDW



Flat Light Pipe

Angled Light Pipe

ODC20-MDW (top view)



OXCXX-IDW

Self-Contained Fixture Mount High-Bay PIR Integral Luminaire Occupancy Sensors

Self-Contained PIR High Bay Occupancy Sensors*

Coverage

360° high-bay lens — 2:1 spacing to mounting height under 20 ft. and 1.5:1 spacing to mounting height @ 40 ft.
 360° low-bay lens — 2:1 spacing to mounting height @ 8 ft. to 20 ft.

Description	Cat. No.	Models	Rating
Fixture Mount High-Bay PIR Occupancy Sensor with Two Interchangeable Lenses for 360° High-Bay, 360° Low Bay	OSFHU-ITW	120-230-277-347V	800VA @ 120VAC Ballast
	OSFHU-CTW	120-230-277-347V, Cold Storage	1200VA @ 277VAC Ballast
	OSFHU-I4W	240/480V	1500VA @ 347VAC Ballast
	OSFHU-C4W	240/480V, Cold Storage	2000VA @ 480VAC Ballast 50/60Hz Motor: 1/4 HP @ 120V
Fixture Mount PIR High Bay Wet Location Occupancy Sensor with Two Interchangeable Lenses for 360° High-Bay, 360° Low Bay	OFSHW-CTW	120-277-347V	800VA @ 120VAC Ballast 1200VA @ 277VAC Ballast 1500VA @ 347VAC Ballast Motor: 1/4 HP @ 120V
Fixture Mount High-Bay PIR Occupancy Sensor with Two Interchangeable Lenses and Light Sensor, Low Voltage	OSFHP-ILW	24V	Input: 20mA Output: 120mA HVAC: 1A, 30V DC
Surface Mount High-Bay PIR Occupancy Sensor	OSFHS-ITW	120-230-277-347V	800VA @ 120VAC Ballast 1200VA @ 277VAC Ballast 1500VA @ 347VAC Ballast Motor: 1/4 HP @ 120V
Fixture Mount High/Low-Bay PIR Sensor with Two Interchangeable Lenses	HB011-PDX (21" Leads) HB011-BDX (42" Leads)	120-277V	800VA @ 120VAC Ballast 1000VA @ 230VAC Ballast 1200VA @ 277VAC Ballast 1500VA @ 347VAC Ballast 2000VA @ 480VAC Ballast 50/60Hz Motor: 1/4 HP @ 120V
	HB011-PD2 (21" Leads) HB011-BD2 (42" Leads)	347V	

*Consult with factory for 208, 220, 230, and 240V load ratings.

Leviton sensors meet the following applicable agency listings: UL, cULus, ETL, CSA and NOM. See product data sheets for specific listings.



OSFHU



OFSHW



OSFHS

Fixture Mount PIR Integral Luminaire Occupancy Sensors

Integral Luminaire Fixture Mount Occupancy Sensors

Coverage

360° high-bay lens — 2:1 spacing to mounting height under 20 ft. and 1.5:1 spacing to mounting height @ 40 ft.
 360° low-bay lens — 2:1 spacing to mounting height @ 8 ft. to 20 ft.

Description	Cat. No.	Models	Rating
Fixture Mount PIR Integral Luminaire Occupancy Sensor	OSF10-I0W	120-277V	Electronic Ballasts: 598VA @ 120VAC Fluorescent Ballasts: 800VA @ 120VAC, 1200VA @ 277VAC Incandescent: 800W @ 120V, Motor: 1/6 HP Load @ 120V
Connection Cable for OSF10	OSFCA-36W	36" Connection Cable for OSF10	—
Fixture Mount PIR Outdoor Luminaire Occupancy Sensor with 360 degree high bay lens (8-40') and aisle mask, IP65 rated	OSF20-IUW	120-230-277-347V	800W @ 120V 800VA @ 120VAC 1200VA @ 277VAC 50/60Hz Motor: 1/4 HP @ 120V
Fixture Mount PIR Outdoor Luminaire Occupancy Sensor with 360 degree high bay lens (20-40') and aisle mask, 24V, IP65 rated	OSF20-ILW	24VAC/VDC	Input: 20mA Output: 120mA HVAC: 1A, 30VDC



OSF10



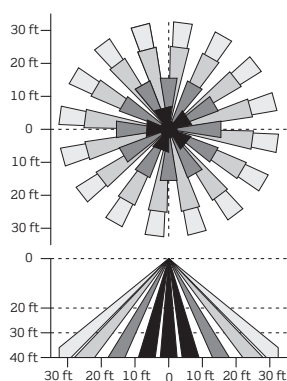
OSF20

Self-Contained High-Bay Occupancy Sensor Accessories

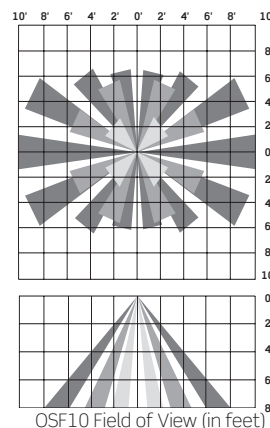
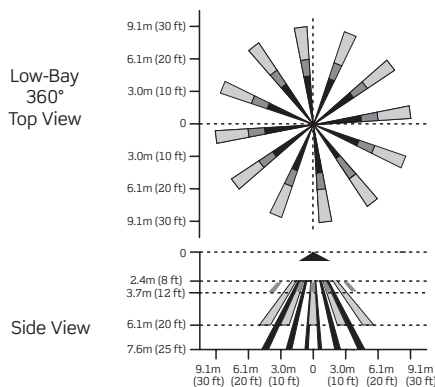
Self-Contained High Bay Occupancy Sensor Accessories	
Description	Cat. No.
High-Bay Lens for High-Bay Sensors	OSFLN-00W
Low-Bay Lens for High-Bay Sensors	OSFLN-00B
Aisle Lens for High-Bay Sensors	OSFLN-00E
Offset Adaptor Accessory for Fixture-Mount Occupancy Sensor	OSFOA-00W
Offset Adaptor Accessory for High-Bay Occupancy Sensor	OSFLO-00W
Protective Cage for High-Bay Mount Sensors	OSFCG-00W



OSFOA



OSFHU/OSFHP/OSFHD/HB011 Field of View (in feet)



OSF10 Field of View (in feet)

Ceiling Mount PIR Occupancy Sensors

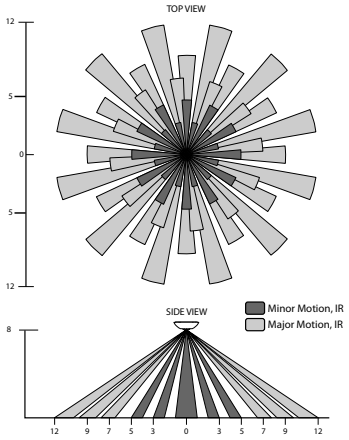
Infrared Ceiling Mount Occupancy Sensors and Accessories For Use with Leviton Power Pack or Power Base Adaptor

Description	Cat. No.	Coverage	Color
Ceiling Mount PIR Occupancy Sensor	OSC04-I0W	360°, 450SF (41.80SM)	Off-White
Ceiling Mount PIR Occupancy Sensor	OSC15-I0W	360°, 1500SF (139.35SM)	
Ceiling Mount PIR Occupancy Sensor with Isolated Relay	OSC04-RIW	360°, 450SF (41.80SM)	White
Ceiling Mount PIR Occupancy Sensor with Isolated Relay	OSC15-RIW	360°, 1500SF (139.35SM)	
Power Base Adaptor	OPB15-0DW	—	Off-White
Cosmetic Adaptor	OPBCA-00W		White
Protective Cage for Ceiling Mount Sensors	ODCCG-000		White

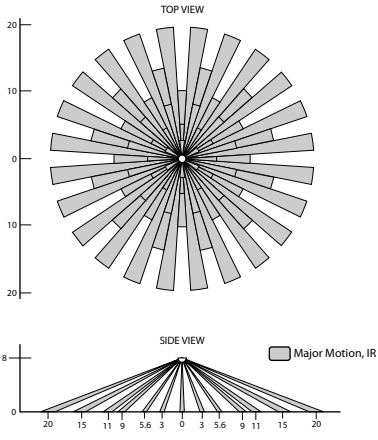


OSC04-I0W

Note: Use low-voltage wiring to connect sensors to OSPXX Power Pack OPP20 or OSPxx Power Pack or OPB15 Power Base Adaptor. Leviton sensors meet the following applicable agency listings: UL, cULus, ETL, CSA and NOM. See product data sheets for specific listings.



OSC04-I0W Field of View (in feet)



OSC15-I0W Field of View (in feet)

- Minor Motion, IR
- Major Motion, IR

Ceiling Mount Ultrasonic Occupancy Sensors

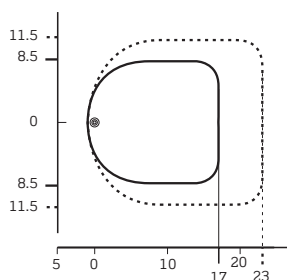
Ceiling Mount Ultrasonic Occupancy Sensors and Accessories For Use with Leviton Power Pack or Power Base Adaptor

Description	Cat. No.	Operating Frequency	Coverage	Color
Ceiling Mount Ultrasonic Occupancy Sensor	OSC05-U0W	40kHz	180°, 500SF (46.45SM)	Off-White
Ceiling Mount Ultrasonic Occupancy Sensor	OSC10-U0W		360°, 1000SF (92.90SM)	
Ceiling Mount Ultrasonic Occupancy Sensor	OSC20-U0W	32kHz	360°, 2000SF (185.81SM)	
Ceiling Mount Ultrasonic Occupancy Sensor with Isolated Relay	OSC05-RUW	40kHz	180°, 500SF (46.45SM)	White
Ceiling Mount Ultrasonic Occupancy Sensor with Isolated Relay	OSC10-RUW		360°, 1000SF (92.90SM)	
Ceiling Mount Ultrasonic Occupancy Sensor with Isolated Relay	OSC20-RUW	32kHz	360°, 2000SF (185.81SM)	
Power Base Adaptor	OPB15-0DW	—	—	Off-White
Cosmetic Adaptor	OPBCA-00W			White
Protective Cage for Ceiling-Mount Sensors	ODCCG-000			White

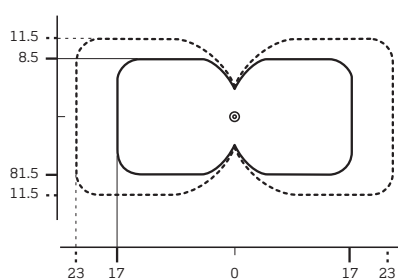


OSC05-U0W

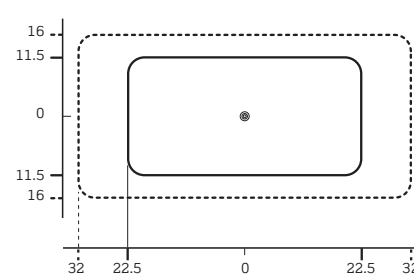
Note: Use low-voltage wiring to connect sensors to OPP20 or OSPxx Power Pack or OPB15 Power Base Adaptor
Leviton sensors meet the following applicable agency listings: UL, cULus, ETL, CSA and NOM. See product data sheets for specific listings.





OSC05-U0W Field of View (in feet)



OSC10-U0W Field of View (in feet)



OSC20-U0W Field of View (in feet)

-  Minor Motion, Ultrasonic
-  Major Motion, Ultrasonic

Ceiling Mount Multi-Technology Occupancy Sensors

Ceiling Mount Multi-Technology Occupancy Sensors and Accessories For Use with Leviton Power Pack or Power Base Adaptor

Description	Cat. No.	Operating Frequency	Rating	Color
Ceiling Mount Multi-Technology Occupancy Sensor	OSC05-M0W	40kHz	180°, 500SF (46.45SM)	Off-White
Ceiling Mount Multi-Technology Occupancy Sensor	OSC10-M0W		360°, 1000SF (92.90SM)	
Ceiling Mount Multi-Technology Occupancy Sensor	OSC20-M0W	32kHz	360°, 2000SF (185.81SM)	
Ceiling Mount Multi-Technology Occupancy Sensor with Isolated Relay	OSC05-RMW	40kHz	180°, 500SF (46.45SM)	White
Ceiling Mount Multi-Technology Occupancy Sensor with Isolated Relay	OSC10-RMW		360°, 1000SF (92.90SM)	
Ceiling Mount Multi-Technology Occupancy Sensor with Isolated Relay	OSC20-RMW	32kHz	360°, 2000SF (185.81SM)	
Power Base Adaptor	OPB15-0DW	—	—	Off-White
Cosmetic Adaptor	OPBCA-00W			—
Protective Cage for Ceiling-Mount Sensors	ODCCG-000			—

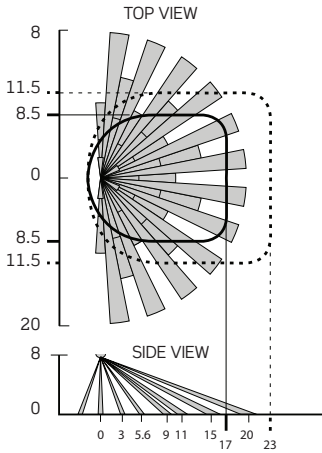


OSC05-M0W

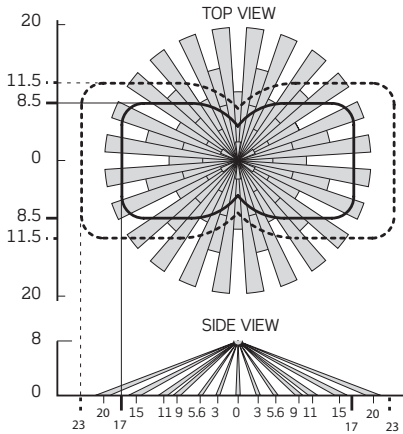


OSC10/OSC20-MDW, MAW, RMW, MSW

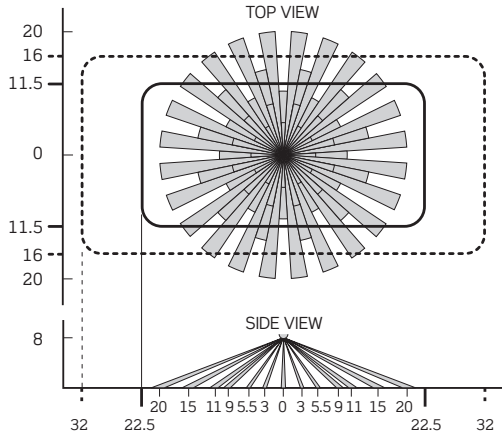
Note: Use low-voltage wiring to connect sensors to OPP20 or OSPxx Power Pack or OPB15 Power Base Adaptor
 Leviton sensors meet the following applicable agency listings: UL, cULus, ETL, CSA and NOM. See product data sheets for specific listings.



OSC05-M0W Field of View (in feet)



OSC10-M0W Field of View (in feet)



OSC20-M0W Field of View (in feet)

- Major Motion, IR
- Minor Motion, Ultrasonic
- Major Motion, Ultrasonic

Wall/Corner Mount Occupancy Sensors

Infrared Indoor Wall-Mount Occupancy Sensors and Accessories For Use with Leviton Power Pack or Power Base Adaptor

Description	Cat. No.	Coverage	Color
Wide-View Wall/Corner Mount PIR Occupancy Sensor	OSWWV-IOW	115°, 2500SF (232.26SM)	Off-White
High-Bay Wall/Corner Mount PIR Occupancy Sensor	OSWHB-IOW	55 ft. x 7 ft. wide @ 10 ft. high (16.76m x 4.26m wide @ 3.04m high)	
Long-Range Wall/Corner Mount PIR Occupancy Sensor	OSWLR-IOW	100 ft. x 14 ft. @ 10 ft. high (30.48m x 4.26m @ 3.04m high)	
Wide-View Wall/Corner Mount PIR Occupancy Sensor with Isolated Relay	OSWWV-RIW	115°, 2500SF (232.26SM)	White
High-Bay Wall/Corner Mount PIR Occupancy Sensor with Isolated Relay	OSWHB-RIW	55 ft. x 7 ft. wide @ 30 ft. high (16.76m x 4.26m wide @ 9.14m high)	
Long-Range Wall/Corner Mount PIR Occupancy Sensor with Isolated Relay	OSWLR-RIW	100 ft., 110° @ 10 ft. high (30.48m, @ 3.04m high)	
Wall/Corner Mount Multi-Technology Occupancy Sensor	OSW12-MOW	115°, 1200SF (111.48SM)	Off-White
Wall/Corner Mount Multi-Technology Occupancy Sensor with Isolated Relay	OSW12-RMW		White
Power Base Adaptor	OPB15-ODW	—	Off-White
Cosmetic Adaptor	OPBCA-00W		White
Protective Cage for Ceiling-Mount Sensors	OSWCG-POW		White

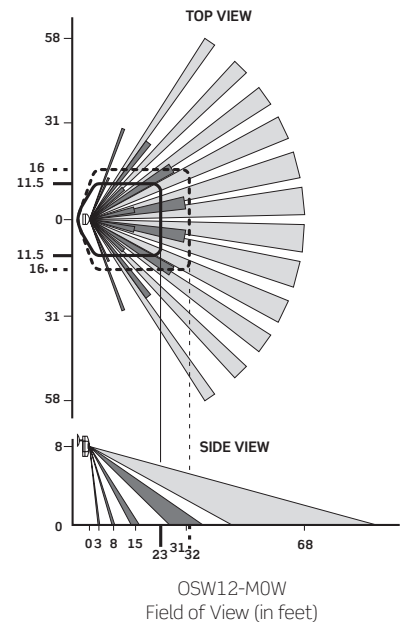
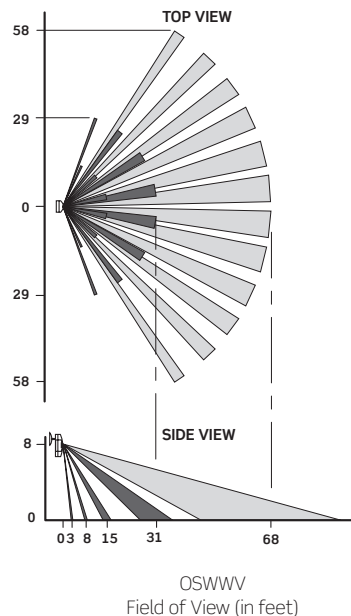
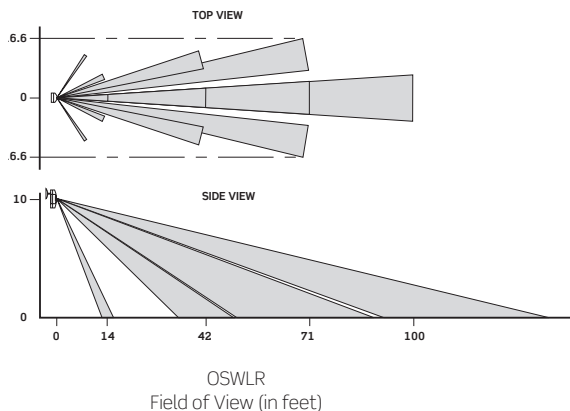
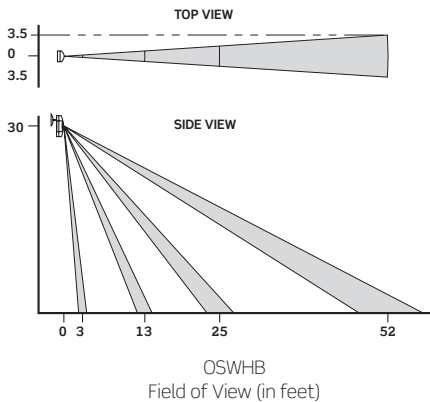


OSWHB-IOW



OSW12-MOW Wall Mount

Note: Use low-voltage wiring to connect sensors to OPP20 or OSPxx Power Pack or OPB15 Power Base Adaptor
Leviton sensors meet the following applicable agency listings: UL, cULus, ETL, CSA and NOM. See product data sheets for specific listings



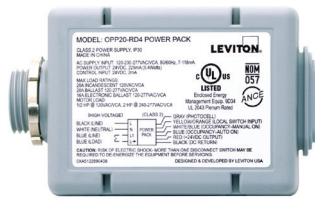
Power Packs

Power Packs					
Description	Cat. No.	Power Input*	Relay Rating	Control Input	Power Supply Output
Power Pack, Basic with Auto-ON	OPP20-0D1	120-230-277VAC, 50/60 Hz	20A, 2400W @ 120V - Resistive 20A, 2400W @ 120V - General Purpose 20A, 2400W @ 120V - Incandescent 20A, 2400W @ 120V - Fluorescent 20A, 5540W @ 277V - Resistive 20A, 5540W @ 277V - General Purpose 20A, 5540VA @ 277V - Fluorescent 16A, 4430VA @ 277V - Electronic Ballasts 1/2 HP @ 120V - Motor Load 2 HP @ 240/277V - Motor Load	2mA, 24VDC	225mA, 24VDC, 5.4W
Super Duty Power Pack with Auto-ON, Manual-ON, and Local Switch Inputs, Title 24	OPP20-0D2				
Super Duty Power Pack with Auto-ON and Photocell Input	OPP20-RD3				
Super Duty Power Pack with Auto-ON, Manual-ON, Switch, and Photocell Input, Title 24	OPP20-RD4 **				
Power Pack with HVAC Relay with Auto-ON and Manual-ON Inputs for Occupancy Sensors	OSP20-RDH	347VAC, 60Hz	20A Incandescent @ 120V, 20A Fluorescent @ 120-230-277/347VAC 1/2 HP @ 120V, 2 HP @ 240-277V; HVAC: 0.5A @ 120VAC, 1A @ 30VDC	5mA, 24VDC	225mA, 24VDC
Power Pack with HVAC Relay	OSP15-R30		15A Fluorescent @ 347V; 1 HP @ 120V, 2 HP @ 240V; HVAC: 0.5A @ 120VAC, 1A @ 30VDC		120mA, 24VDC
Add-A-Relay Unit with HVAC Relay	OSA20-R00		15A Incandescent @ 120V, HVAC: 0.5A @ 125VAC, 1A @ 30VDC		—

*Consult with factory for 208, 220, and 240V models

Leviton power packs meet the following applicable agency listings: UL, cULus, ETL, CSA and NOM. See product data sheets for specific listings.

**OPP20-RD4 is for general purpose plug load control - 20A, 2400W @ 120V - can be used to comply with ASHRAE 90.1 and Title 24, Part 6 plug load control requirements



OPP20

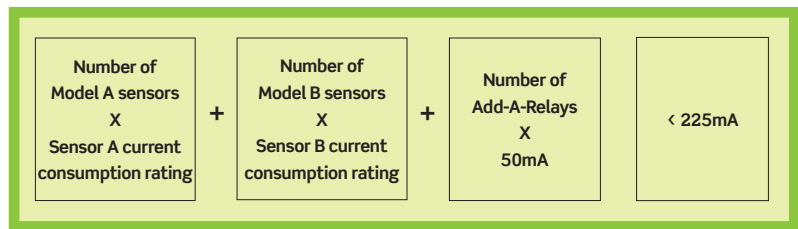


OSP20

Power Pack Capacity Formula

Leviton power packs can be used to provide power to one or more sensors. Since current consumptions of sensors may vary, the best way to ensure you order the correct number of power packs and Add-A-Relays is by using this formula:

Sensor	Current Consumption
OSC04-I, OSC15-I, OSWHB-I, OSWLR-I, OSWV-I	10-15mA
OSC05-M, OSC05-U, OSW12-M	25mA
OSC10-M, OSC10-U	35mA
OSC20-M, OSC20-U	50mA
OSA20-R00 Add-A-Relay	50mA



Power Base Adaptor

Converts any Leviton low voltage ceiling or wall-mount occupancy sensor to a self-contained, line voltage unit with 15A, 120/277V load capacity.

Power Base Adaptor				
Description	Cat. No.	Power Input/Output	Rating	Color
Converts select Leviton low-voltage ceiling or wall mount occupancy sensor models to a self-contained line voltage unit	OPB15-0DW	Power Input: 120-230-277VAC, 50/60Hz Control Input: 24VDC, 5mA Power Output: 120VAC @15A Incandescent; 277VAC @ 15A Fluorescent; Motor: 3/4 HP @ 120VAC, 2HP @ 277VAC Control Output: 24VDC, 40mA	15A	Off-White
Cosmetic Adaptor	OPBCA-00W	—	—	

Agency Listings & Code Compliance: NOM Certified.
 *Available in Off-White only.
 Consult with factory for 208, 220, 230 and 240V load ratings.
 Note: Converts OSCxx-L, OSCxx-M and OSCxx-U. Does not convert OSCxx-R



OPB15-0DW (Occupancy Sensor not included)

High Frequency Microwave Occupancy Sensors

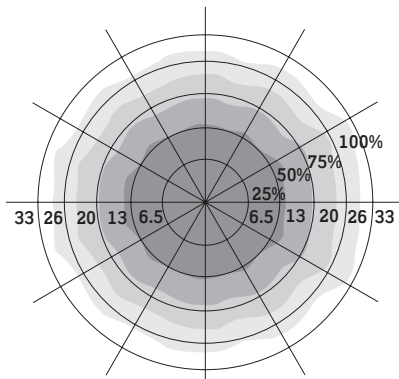
High Frequency Microwave Occupancy Sensors				
Description	Cat. No.	Coverage	Color	Input Voltage, Rating
High Frequency Microwave Occupancy Sensor	OSM3D-V1W	150° (wall), 360° (ceiling)	W	120-277V, 50/60Hz 1000VA @ 120VAC 1200VA @ 277VAC 800W @ 120VAC
0-10V Dimming High Frequency Microwave Occupancy Sensor	OSM3D-DDW	150° (wall), 360° (ceiling)	W	120-277V, 50/60Hz 120V @ 400W 220-240V @ 800W 277V @ 1000W



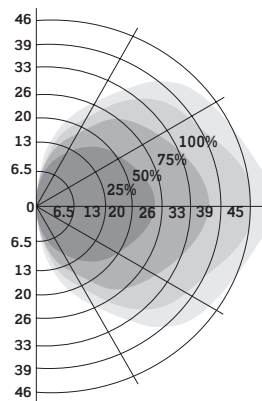
OSM3D-V1W



OSM3D-DDW



Ceiling Pattern



Wall Pattern

OSM3D Field of View (In Feet)

Integrated Controls

Fixture Mount High Bay Microwave Sensor

Description	Cat. No.	Coverage	Color	Input Voltage/ Rating
Fixture Mount Microwave High Bay 0-10V Sensor	OSMHB-VDW	360°	White	Resistive/Halogen: 800W@120V 1200W@277V Fluorescent Ballast: 660W@120V 1200W@277V Electronic Ballast: 800W @ 120VAC LED, CEL, 1200W@ 211VAC LED, CEL Magnetic Ballast: 660W @ 120VAC 1200W @ 277VAC



OSMHB

Smart PIR Integrated Fixture Mount Sensor

Description	Cat. No.	Coverage	Color	Input Voltage/ Rating
Smart PIR Integrated Fixture Mount Sensor; 8-20' lens and 20-40' lens included	ZLD1Z-I0W	360°	White	LED, Electronic Ballast, General Use @ 120V: 6.7A LED, Electronic Ballast, General Use @ 230V: 4.4A LED, Electronic Ballast, General Use @ 277V: 4.4A Resistive, Tungsten @ 120V: 800W Resistive, Tungsten @ 230V: 1000W Resistive, Tungsten @ 277V: 120W Motor @ 120 - 277V: 1/6HP



ZLD1Z

Solo Sensors—Fixture Embedded Sensors

Description	Cat. No.	Coverage	Color	Input Voltage/ Rating
Fixture Embedded PIR Occupancy Sensor	ZLS05-ILW	360°, 700SF (65.03SM)	White	12V-24VDC, 50mA; 0-10VDC LED
Optional Remote (For use with ZLS05 only)	ZLS0R-RA1	—	—	—
Fixture Embedded PIR Occupancy Sensor	ZLS10-IDW	360°	White	120/277VAC, 50/60Hz
Fixture Embedded PIR Occupancy Sensor	ZLS10-ILW			12-24VDC; 25mA sinking current
Optional Remote (For use with ZLS10-IDW and ZLS10-ILW only)	ZLS0R-RC1	—	—	—



ZLS05



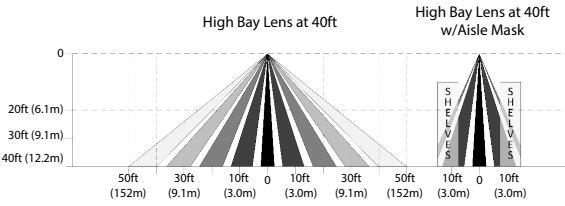
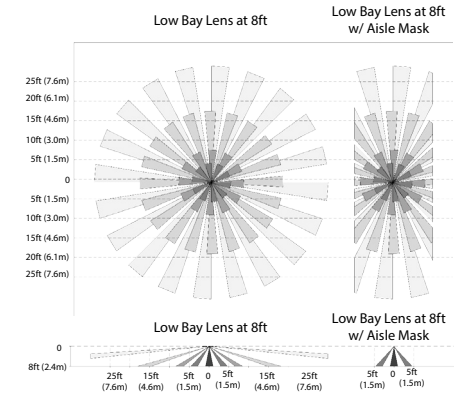
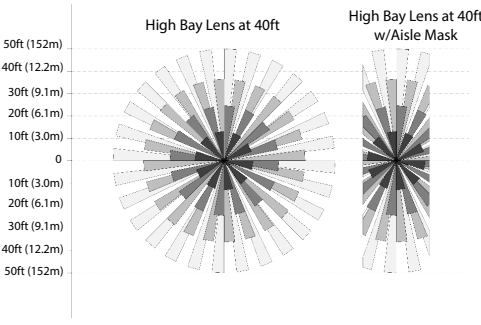
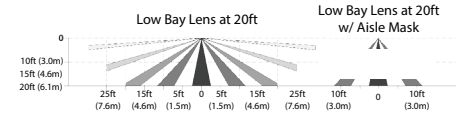
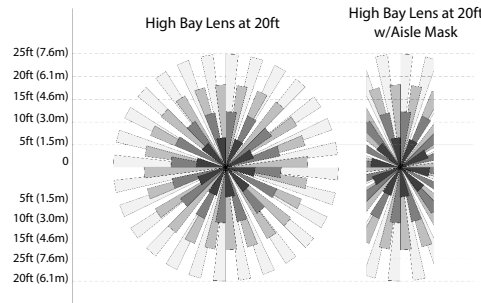
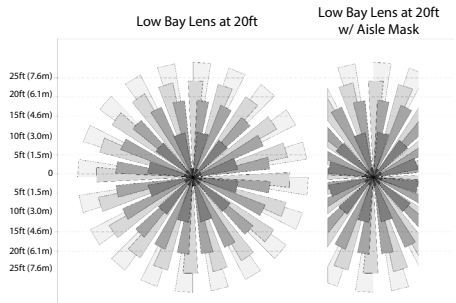
ZLS0R-RA1



ZLS10

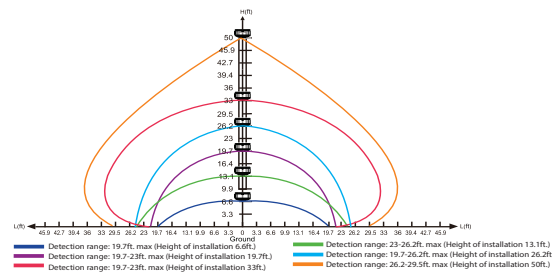


ZLS0R

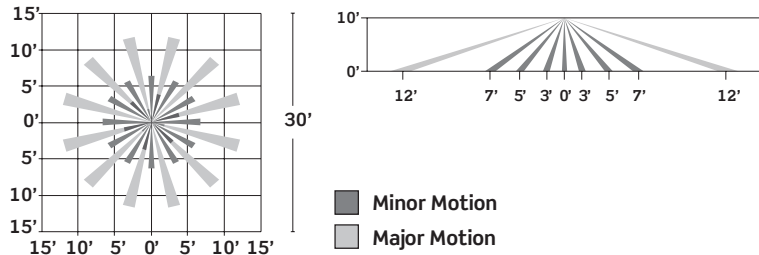


ZLD1Z Field of View (In Feet)

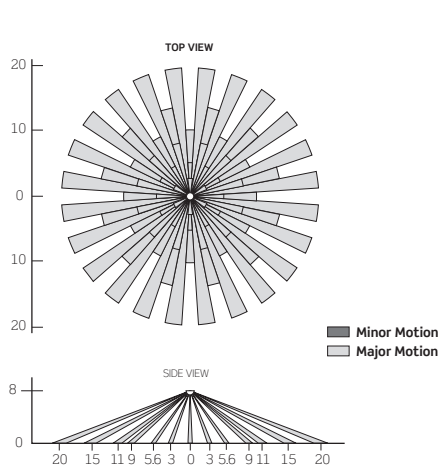
ZLD1Z Field of View (In Feet)



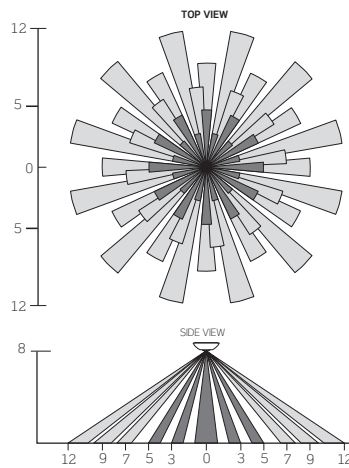
OSMHB Field of View (In Feet)



ZLS05 Field of View (In Feet)



ZLS10 Field of View (In Feet)



SMART SENSORS
Commercial Grade



Specifications	ODD10-ID	ODD24-ID	ODS15-GD/ID	ODS15-I1	ODP10-I1
Features					
Technology	Passive Infrared				
Mounting	Wall				
Coverage (SF)	1100				
Pattern	180°				
Mounting Height	40-48"				
Adjustment	Out-of-the-box default mode, pushbutton configuration, app-configurable with Smart Sensor App				
Time Delay					
Voltage	120-277V	24V	120-277V	120V	120V
Wattage/VA	General Purpose @ 120V, 10A General Purpose @ 277V, 10A LED/Electronic Ballast @ 120V, 8A LED/Electronic Ballast @ 277V, 5A Standard Ballast @ 120V, 10A Standard Ballast @ 277V Tungsten @ 120V, 6.67A Tungsten @ 277V Motor @ 120V 1/4HP (FLA 5.8A), Motor @ 277V 1/3HP (FLA 3.0A)	24V: 0.02A	General Purpose @ 120V, 20A General Purpose @ 277V LED/Electronic Ballast @ 120V, 10A LED/Electronic Ballast @ 277V Standard Ballast @ 120V Standard Ballast @ 277V Tungsten @ 120V, 6.67A Tungsten @ 277V Motor @ 120V 1/4HP (FLA 5.8A) Motor @ 277V 1/3HP (FLA 3.0A)	LED, CFL, Electronic Ballasts @ 120V: 1000W Motor @ 120V: N/A	
Occupancy or Vacancy	Occupancy/Vacancy				
Auto or Manual	Both - Auto or Manual selected using the App				
Ambient Light Override	Yes				
Other	Combines occupancy/vacancy sensing with 0-10V dimming	Combines occupancy/vacancy sensing with 24V dimming	Combines occupancy/vacancy sensing with ON/OFF switching		
Mechanical					
Switching Technology	Relay				
Neutral Required	Yes		-GD - No; -ID - Yes	Yes	No
Ground Required	Yes				
Power	External Power Not Required	Power Pack Required	External Power Not Required		
Consumption (mA)	100-250mW				
Photocell	Internal				
HVAC Relay	Not Applicable				
Environmental Operating Temperature/Humidity	32 to 104°F (0 to 40°C)				
Certifications					
Listing	UL, cUL, FCC, IECC, IC				
Can be used to comply with 2019 Title 24, Part 6 occupancy requirements	Yes				

WALL SWITCH
Residential Grade



Specifications	DOS02	DVS02	DOS05	DVS05	DOS15	DVS15	IPHS5
Features							
Technology	Passive Infrared						Humidity Sensing
Mounting	Wall						
Coverage (SF)	900						—
Pattern	180°						—
Mounting Height	4'						
Adjustment	Manual						
Time Delay	1, 5, 10 or 20 minutes						10, 20, 30 or 45 minutes
Voltage	120VAC, 60 Hz						
Wattage/VA	150W LED/CFL, 250W Inc/Halogen, 250VA ELV, 200VA MLV, 2A Resistive		300W LED/CFL, 600W Inc/Halogen, 400VA ELV/MLV, 1/4 HP Motor, 5A Resistive		600W LED/CFL, 1800W Inc/Halogen, 1200VA ELV/MLV/FL, 1/2 HP Motor, 15A Resistive		150W LED/CFL, 600W Inc/Halogen, 400VA MLV/FL, 1/6 HP Motor
Occupancy or Vacancy	Occupancy	Vacancy	Occupancy	Vacancy	Occupancy	Vacancy	Humidity
Auto or Manual	Auto	Manual	Auto	Manual	Auto	Manual	Auto
Ambient Light Override	Yes	No	Yes	No	Yes	No	N/A
Settings	Time out, range adjustment, ambient light	Time out, range adjustment	Time out, range adjustment, ambient light	Time out, range adjustment	Time out, range adjustment, ambient light	Time out, range adjustment	Sensitivity, air cycle, humidistat
Other	Single Pole		Single Pole/3-Way		Single Pole/Multi-Way or Multi-Sensor		Single Pole
Mechanical							
Switching Technology	Relay						
Neutral Required	Neutral or Ground				Yes		
Power Pack	No						
Consumption	No						
Photocell	Yes	No	Yes	No	Yes	No	N/A
HVAC Relay	No						
Environmental Operating Temperature/Humidity	Operating Temperature 0°C to 40°C, Relative Humidity 0% to 90% non-condensing						
Certifications							
Listing	CSA						cULus
Can be used to comply with 2019 Title 24, Part 6 vacancy requirements	Yes						No

WALL SWITCH
Commercial
Grade



Specifications	ODS06-ID	ODS10-ID	ODS10-I3
Features			
Technology	Passive Infrared		
Mounting	Wall		
Coverage (SF)	2100		
Pattern	60°-180°		
Mounting Height	4'		
Adjustment	Manual		
Time Delay	30s-30m		
Voltage	120-230-277 VAC		347 VAC
Wattage/VA	800/1500		3470
Occupancy or Vacancy	Occupancy		
Auto or Manual	Both		
Ambient Light Override	Yes		
Other	Single Pole, Multi-Location; Select Models Feature Auto-ON/Auto-OFF Only (ODS10-IQ), Self-Adaptive (ODS0D)		
Mechanical			
Switching Technology	Relay		
Neutral Required	No		
Ground Required	Yes		
Power Pack	External Power Pack Not Required		
Consumption	100-250mW		
Photocell	Internal		
HVAC Relay	Not Applicable		
Environmental Operating Temperature/Humidity	0 to 40°C/ 0 to 95% Non-Condensing Indoor Use Only		0 to 50°C/ 20 to 90% Non-Condensing Indoor Use Only
Certifications			
Listing	UL		cUL
Can be used to comply with 2019 Title 24, Part 6 occupancy requirements	Yes		No

WALL SWITCH
Commercial
Grade



Specifications	MDS10-ID	MDS15-ID	ODS0D-ID
Features			
Technology	Passive Infrared		
Mounting	Wall		
Coverage (SF)	2100		
Pattern	60°-180°		
Mounting Height	4'		
Adjustment	Manual	Self-Adjusting	Manual
Time Delay	30s-30m	30s-20m or 5m-30m	
Voltage	120-230-277 VAC		
Wattage/VA	1800/400	800/2700	
Occupancy or Vacancy	Occupancy		
Auto or Manual	Both		
Ambient Light Override	Yes		
Other	Self-Adaptive, Lev-Lok	Single Pole, Multi-Location, Lev-Lok	Dual Relay, Self-Adaptive
Mechanical			
Switching Technology	Relay		
Neutral Required	No		
Ground Required	Yes		
Power Pack	External Power Pack Not Required		
Consumption	100-250mW	120-280mW	110-270mW
Photocell	Internal		
HVAC Relay	Not Applicable		
Environmental Operating Temperature/ Humidity	0 to 50°C/ 20 to 90% Non-Condensing Indoor Use Only	0 to 40°C/ 0 to 95% Non-Condensing Indoor Use Only	
Certifications			
Listing	UL		
Can be used to comply with 2019 Title 24, Part 6 occupancy requirements	Yes		

WALL SWITCH
Commercial
Grade



Specifications	OSSMT-MD	OSSMT-GD	OSSMT-M3
Features			
Technology	Multi-Technology		
Mounting	Wall		
Coverage (SF)	2400		
Pattern	60°-180°		
Mounting Height	4'		
Adjustment	Self-Adjusting		
Time Delay	30s-30m		
Voltage	120-230-277 VAC		347 VAC
Wattage/VA	800/2700		
Occupancy or Vacancy	Occupancy		
Auto or Manual	Both		
Ambient Light Override	Yes		
Other	Single Pole, Multi-Location; Select Models Feature No Neutral (OSSMT-GT, MSSMT-GD, OSSMD-GD), or Lev-Lok (MSSMT) Technology		
Mechanical			
Switching Technology	Relay		
Neutral Required	Yes	No	Yes
Ground Required	Yes		
Power Pack	External Power Pack Not Required		
Consumption	190-480mW	190-480mW	350-500mW
Photocell	Internal		
HVAC Relay	Not Applicable		
Environmental Operating Temperature/ Humidity	0 to 40°C/ 20 to 90% Non-Condensing Indoor Use Only		
Certifications			
Listing	UL	ETL	CETL
Can be used to comply with 2019 Title 24, Part 6 occupancy requirements	Yes		

WALL SWITCH
Commercial
Grade



Specifications	OSSMT-GT	MSSMT-GD	OSSMD-MD	OSSMD-GD
Features				
Technology	Multi-Technology			
Mounting	Wall			
Coverage (SF)	2400			
Pattern	60°-180°			
Mounting Height	4'			
Adjustment	Self-Adjusting			
Time Delay	30s-30m			
Voltage	120-230-277 VAC			
Wattage/VA	1200/2700		Primary Relay: 1200/2700, Secondary Relay: 800/1200	
Occupancy or Vacancy	Vacancy	Occupancy		
Auto or Manual	Manual	Both		
Ambient Light Override	Yes			
Other	Single Pole, Multi-Location, No Neutral Required, Lev-Lok (MSSMT)		Single Pole, Multi-Location, Dual Relay, No Neutral Required (OSSMD-GD)	
Mechanical				
Switching Technology	Relay			
Neutral Required	No	Yes	No	
Ground Required	Yes			
Power Pack	External Power Pack Not Required			
Consumption	70-340mW	210-410mW	140-360mW	
Photocell	Internal			
HVAC Relay	Not Applicable			
Environmental Operating Temperature/ Humidity	0 to 40°C/ 20 to 90% Non-Condensing Indoor Use Only			
Photocell	Internal			
Certifications				
Listing	ETL			
Can be used to comply with 2019 Title 24, Part 6 occupancy requirements	Yes			

WALL SWITCH
Commercial
Grade



Specifications		TS300
Features		
Technology	Digital	
Mounting	Wall	
Coverage (SF)	1000	
Pattern	180°	
Mounting Height	Standard wall switch (3-5')	
Adjustment	Manual	
Time Delay	2-4 hours	
Voltage	120-277VAC, 50/60Hz	
Wattage/VA	1200W	
Occupancy or Vacancy	Occupancy	
Auto or Manual	Auto	
Ambient Light Override	No	
Other	Wallplate included	
Mechanical		
Switching Technology	Relay	
Neutral Required	Yes	
Ground Required	Yes	
Power Pack	No	
Consumption	N/A	
Photocell	None	
HVAC Relay	No	
Environmental Operating Temperature/ Humidity	0 to 51°C/ 0-95% Non-Condensing Indoor Use Only	
Certifications		
Listing	UL, cUL	
Can be used to comply with 2019 Title 24, Part 6 occupancy requirements	Yes	

LINE VOLTAGE
Commercial
Grade



Specifications	ODC04-IDW ODC15-IDW	O3C15-IDW	O2C04-IDW O2C15-IDW	O4C15-IDW
Features				
Technology	Passive Infrared			
Mounting	Ceiling			
Coverage (SF)	450; 1500	1500	450; 1500	1500
Pattern	360°			
Mounting Height	8'-12'			
Adjustment	Self Adjusting			
Time Delay	30s -30m			
Voltage	120-220/277 VAC, 50/60Hz			
Wattage/VA	800W/VA			
Occupancy or Vacancy	Occupancy	Vacancy	Occupancy	Vacancy
Auto or Manual	Both	Manual	Both	Manual
Ambient Light Override	Yes			
Other	Open/Closed Loop Daylight Harvesting with Manual/AutoCal Configuration; Momentary or Maintained Manual Switch Input; BMS/Emergency Interface	Momentary or Maintained Manual Switch Input; BMS/ Emergency Interface	Dual Relay; Open/Closed Loop Daylight Harvesting with Manual/AutoCal Configuration; Momentary or Maintained Manual Switch Input; BMS/Emergency Interface	Dual Relay; Momentary or Maintained Manual Switch Input; BMS/Emergency Interface
Mechanical				
Switching Technology	Zero Cross			
Neutral Required	Yes			
Ground Required	No			
Power Pack	Not Required			
Consumption	60-30ma			
Photocell	AutoCal	No	Internal	No
HVAC Relay	Not Applicable			
Environmental Operating Temperature/ Humidity	0 to 40°C/ 0 to 90% Non-Condensing Indoor Use Only			
Certifications				
Listing	UL			
Can be used to comply with 2019 Title 24, Part 6 occupancy requirements	Yes			

LINE VOLTAGE
Commercial
Grade



Specifications	ODC05-UDW ODC10-UDW ODC20-UDW	O2C05-UDW O2C10-UDW O2C20-UDW	ODC05-MDW ODC10-MDW ODC20-MDW	O3C10-MDW O3C20-MDW	O2C05-MDW O2C10-MDW O2C20-MDW	O4C10-MDW O4C20-MDW
Features						
Technology	Ultrasonic		Multi-Technology		Multi-Technology	
Mounting	Ceiling					
Coverage (SF)	500; 1000; 2000			1000; 2000	500; 1000; 2000	1000; 2000
Pattern	360°					
Mounting Height	8'-12'					
Adjustment	Self-Adjusting					
Time Delay	30s-30m					
Voltage	120-220/277 VAC, 50/60Hz					
Wattage/VA	800W/VA					
Occupancy or Vacancy	Occupancy			Vacancy	Occupancy	Vacancy
Auto or Manual	Both			Manual	Both	Manual
Ambient Light Override	Yes					
Other	Open/Closed Loop Daylight Harvesting with Manual/AutoCal Configuration; Momentary or Maintained Manual Switch Input; BMS/Emergency Interface			Momentary or Maintained Manual Switch Input; BMS/Emergency Interface	Dual Relay; Open/Closed Loop Daylight Harvesting with Manual/AutoCal Configuration; Momentary or Maintained Manual Switch Input; BMS/Emergency Interface	Dual Relay; Momentary or Maintained Manual Switch Input; BMS/Emergency Interface
Mechanical						
Switching Technology	Zero Cross					
Neutral Required	Yes					
Ground Required	No					
Power Pack	Not Required					
Consumption	60-30mA					
Photocell	AutoCal			No	Internal	No
HVAC Relay	Not Applicable					
Environmental Operating Temperature/Humidity	0 to 40°C/ 0 to 90% Non-Condensing Indoor Use Only					
Certifications						
Listing	UL					
Can be used to comply with 2019 Title 24, Part 6 occupancy requirements	Yes					

LINE VOLTAGE
Commercial
Grade



Specifications	ODC0S-11W ODC0S-17W	ODWVW-IDW	ODWHB-IDW	ODWLR-IDW	ODW12-MDW
Features					
Technology	Passive Infrared				Multi-Technology
Mounting	Ceiling	Wall, Corner or Ceiling			
Coverage (SF)	530	2500	450-2000	100	1200
Pattern	360°		8°	110° @ 10ft high	110°
Mounting Height	8'-15'	8'-12'	10'-30'	8'-10'	
Adjustment	Manual				
Time Delay	20s-15m				
Voltage	120/277 VAC; 60Hz; 50Hz; 60Hz				
Wattage/VA	1000VA; 500VA; 2700VA				
Occupancy or Vacancy	Occupancy	Vacancy			Occupancy
Auto or Manual	Auto	Manual			Both
Ambient Light Override	Yes				
Other	Self-Contained	Wide View, Includes Power Base	High Bay, Includes Power Base	Long Range, Includes Power Base	Multi-Use, Includes Power Base
Mechanical					
Switching Technology	Relay	Zero Cross			Relay
Neutral Required	Yes				
Ground Required	No				
Power Pack	Not Required				
Consumption	4W	60-30ma			0.7W-2.34W
Photocell	Internal	No			20-3000 Lux Adjustable
HVAC Relay	Not Applicable				
Environmental Operating Temperature/ Humidity	0 to 40°C/ 0 to 95% Non-Condensing, Indoor Use Only				
Certifications					
Listing	UL				
Can be used to comply with 2019 Title 24, Part 6 occupancy requirements	Yes	Yes			

LINE VOLTAGE
Commercial
Grade



Specifications	OSFHU	OSFHW	OSFHP	OSFHS
Features				
Technology	Passive Infrared			
Mounting	Fixture			
Coverage (SF)	400-1600	2400		
Pattern	360° & Aisle Ways			
Mounting Height	Up to 40'	High Mount Lens: 20-40 feet, Low Bay Lens: 8-25 feet	Up to 40'	
Adjustment	Manual	Self-Adjusting	Manual	
Time Delay	30s-30m			
Voltage	120-230-277-347/480 VAC, 50/60Hz	120-277-347VAC, 50/60Hz	120-230-277-347/480 VAC, 50/60Hz	120-230-277-347/480 VAC, 50/60Hz
Wattage/VA	800W/VA	800VA @ 120VAC Ballast 1200VA @ 277VAC Ballast 1500VA @ 347VAC Ballast Motor: 1/4 HP Load @ 120V	800W/VA	
Occupancy or Vacancy	Occupancy			
Auto or Manual	Auto			
Ambient Light Override	No			
Other	Includes 2 Lenses for High Bay & Low Bay Applications	Includes 2 Lenses for High Bay & Low Bay Applications and an Aisle Mask Accessory	Includes 2 Lenses for High Bay & Low Bay Applications	
Mechanical				
Switching Technology	Zero Cross	Relay	Zero Cross	
Neutral Required	Yes			
Ground Required	No			
Power Pack	Not required			
Consumption	60-30mA	N/A	60-30mA	N/A
Photocell	No			
HVAC Relay	N/A			
Environmental Operating Temperature/ Humidity	14-160°F/20-90% non-condensing, Indoor Use Only Cold Storage Model: -40-160°F/20-90% non-condensing, Indoor Use Only	40-160°F/20-90% non-condensing, Indoor Use Only	14-160°F/20-90% non-condensing, Indoor Use Only	-40-160° F, 20-90% non-condensing, Indoor Use
Certifications				
Listing	UL	UL, cUL, IP65	UL	
Can be used to comply with 2019 Title 24, Part 6 occupancy requirements	Yes			

LINE VOLTAGE
Commercial
Grade



Specifications	HB011	OSF20-IUW OSF20-ILW	OSF10
Features			
Technology	Passive Infrared		
Mounting	Fixture		
Coverage (SF)	2400		
Pattern	360°	360° & Aisle Ways	360°
Mounting Height	High Mount Lens: 21-40 feet, Low Bay Lens: 13-20 feet	High Mount Lens: 20-40 feet, Low Bay Lens: 8-25 feet	Up to 8 feet
Adjustment	Manual/ Self-Adjusting	Manual	
Time Delay	30s-30m		
Voltage	120-230-277 or 347VAC, 50/60Hz	-IUW: 120-230-277-347V, 50/60Hz, -ILW: 24VAC/VDC	120-277 VAC, 50/60Hz
Wattage/VA	N/A	-IUW: Fluorescent Ballasts: 800VA @ 120VAC, 1200VA @ 277 VAC Incandescent: 800W @ 120V, Motor: 1/4 HP Load @ 120V, -ILW: N/A	800W/VA
Occupancy or Vacancy	Occupancy		
Auto or Manual	Auto		
Ambient Light Override	Daylight Harvesting/Dimming	No	
Other	Includes 2 Lenses for High Bay & Low Bay	Includes 2 Lenses for High Bay & Low Bay applications and aisle mask accessory	38" Leads
Mechanical			
Switching Technology	Relay		Zero Cross
Neutral Required	Yes	No	
Ground Required	No		
Power Pack	No	IUW: No, ILW: Required	No
Consumption	No	IUW: No, ILW: 20mA	30-60mA
Photocell	No		
HVAC Relay	No		
Environmental Operating Temperature/ Humidity	14-22°F/20-70% non-condensing, Indoor Use Only	40-160°F/20-90% non-condensing, Indoor and Outdoor Use	32°F to 131°F / 20%-95% non-condensing
Certifications			
Listing	UL, CSA	No	UL
Can be used to comply with 2019 Title 24, Part 6 occupancy requirements	No	Yes	

LOW VOLTAGE
Commercial
Grade



Specifications	OSC04-I0W	OSC04-RIW	OSC15-I0W	OSC15-RIW
Features				
Technology	Passive Infrared			
Mounting	Ceiling			
Coverage (SF)	450		1500	
Pattern	360°			
Mounting Height	8'-10'	8'-12' or 12'-20'	8'-10'	8'-12' or 12'-20'
Adjustment	Self-Adjusting, Self-Calibrating			
Time Delay	30s-30m			
Voltage	Use with OPP20 Power Pack			
Wattage/VA	Unlimited Through Use of Power Packs and Add-A-Relays			
Occupancy or Vacancy	Occupancy			
Auto or Manual	Auto			
Ambient Light Override	Yes	No	Yes	No
Other	Low Profile, Custom White Color for Shaded Spaces, -R Models Feature Isolated Relay			
Mechanical				
Switching Technology	Relay			
Neutral Required	Yes			
Ground Required	Yes			
Power Pack	24VDC Required			
Consumption	DC: 10mA	AC: 30mA DC: 15mA	DC: 10mA	AC: 30mA DC: 15mA
Photocell	20-3000 Lux Adjustable	None	20-3000 Lux Adjustable	None
HVAC Relay	Use OSCxxx-RxW w/Isolated Relay	Included	Use OSCxxx-RxW w/Isolated Relay	Included
Environmental Operating Temperature/ Humidity	0 to 40°C/ 0 to 95% Non-Condensing Indoor Use Only			
Certifications				
Listing	UL			
Can be used to comply with 2019 Title 24, Part 6 occupancy requirements	Yes			

LOW VOLTAGE
Commercial
Grade



Specifications	OSC05-U0W	OSC05-RUW	OSC10-U0W	OSC10-RUW	OSC20-U0W	OSC20-RUW
Features						
Technology	Ultrasonic					
Mounting	Ceiling					
Coverage (SF)	500		1000		2000	
Pattern	180°		360°			
Mounting Height	8'-12'	8'-20'	8'-12'	8'-20'	8'-12'	8'-20'
Adjustment	Self-Adjusting, Self-Calibrating					
Time Delay	30s-30m					
Voltage	Use with OPP20 Power Pack					
Wattage/VA	Unlimited Through Use of Power Packs and Add-A-Relays					
Occupancy or Vacancy	Occupancy					
Auto or Manual	Auto					
Ambient Light Override	Yes	No	Yes	No	Yes	No
Other	Low Profile, Custom White Color for Shaded Spaces, -R Models Feature Isolated Relay					
Mechanical						
Switching Technology	Relay					
Neutral Required	Yes					
Ground Required	Yes					
Power Pack	24VDC Required					
Consumption	25mA	AC: 45mA DC: 25mA	35mA	AC: 50mA DC: 30mA	30mA	AC: 50mA DC: 30mA
Photocell	20-3000 Lux Adjustable	None	20-3000 Lux Adjustable	None	20-3000 Lux Adjustable	None
HVAC Relay	Use OSCxxx-RxW w/Isolated Relay	Included	Use OSCxxx-RxW w/Isolated Relay	Included	Use OSCxxx-RxW w/Isolated Relay	Included
Environmental Operating Temperature/ Humidity	0 to 40°C/ 0% to 95% Non-Condensing Indoor Use Only					
Certifications						
UL	Yes					
Can be used to comply with 2019 Title 24, Part 6 occupancy requirements	Yes					

LOW VOLTAGE
Commercial
Grade



Specifications	OSC05-M0W	OSC05-RMW	OSC10-M0W	OSC10-RMW	OSC20-M0W	OSC20-RMW
Features						
Technology	Multi-Technology					
Mounting	Ceiling					
Coverage (SF)	500		1000		2000	
Pattern	180°		360°			
Mounting Height	8'-12'	8'-12' or 12'-20'	8'-12'	8'-12' or 12'-20'	8'-12'	8'-12' or 12'-20'
Adjustment	Self-Adjusting, Self-Calibrating					
Time Delay	30s-30m					
Voltage	Use with OPP20 Power Pack					
Wattage/VA	Unlimited Through Use of Power Packs and Add-A-Relays					
Occupancy or Vacancy	Occupancy					
Auto or Manual	Auto					
Ambient Light Override	Yes	No	Yes	No	Yes	No
Other	Low Profile, Custom White Color for Shaded Spaces, -R Models Feature Isolated Relay					
Mechanical						
Switching Technology	Relay					
Neutral Required	Yes					
Ground Required	Yes					
Power Pack	24VDC Required					
Consumption	DC: 25mA	AC: 45mA DC: 25mA	DC: 35mA	AC: 50mA DC: 30mA	DC: 35mA	AC: 50mA DC: 30mA
Photocell	20-3000 Lux Adjustable	None	20-3000 Lux Adjustable	None	20-3000 Lux Adjustable	None
HVAC Relay	Use OSCxxx-RxW w/Isolated Relay	Included	Use OSCxxx-RxW w/Isolated Relay	Included	Use OSCxxx-RxW w/Isolated Relay	Included
Environmental Operating Temperature/ Humidity	0° to 40°C/ 0% to 95% Non-Condensing, Indoor Use Only					
Certifications						
Listing	UL					
Can be used to comply with 2019 Title 24, Part 6 occupancy requirements	Yes					

LOW VOLTAGE
Commercial
Grade



Specifications	OSWWV-10W	OSWWV-RIW	OSWHB-10W	OSWHB-RIW	OSWLR-10W	OSWLR-RIW	OSW12-M0W	OSW12-RMW
Features								
Technology	Passive Infrared						Multi-Technology	
Mounting	Wall, Corner or Ceiling							
Coverage (SF)	2500		55x7		100x33.2		1200	
Pattern	110°		8°		27°-180°		110°	
Mounting Height	8'-10'		10'-30'		8'-10'			
Adjustment	Self-Adjusting, Self-Calibrating							
Time Delay	30s-30m							
Voltage	Use with OPP20 Power Pack							
Wattage/VA	Unlimited Through Use of Power Packs and Add-A-Relays							
Occupancy or Vacancy	Occupancy							
Auto or Manual	Auto							
Ambient Light Override	Yes	No	Yes	No	Yes	No	Yes	No
Other	Wide View, -R Models Feature Isolated Relay		High Bay, -R Models Feature Isolated Relay		Long Range, -R Models Feature Isolated Relay		Multi-Use, -R Models Feature Isolated Relay	
Mechanical								
Switching Technology	Relay							
Neutral Required	Yes							
Ground Required	Yes							
Power Pack	24VDC Required							
Consumption	DC: 15mA	AC:30mA DC: 15mA	DC: 15mA	AC:30mA DC: 15mA	DC: 15mA	AC:30mA DC: 15mA	DC: 25mA	AC: 45mA DC: 24mA
Photocell	20-3000 Lux Adjustable	None	20-3000 Lux Adjustable	None	20-3000 Lux Adjustable	None	20-3000 Lux Adjustable	None
HVAC Relay	Use OSCxxx-RxW w/Isolated Relay	Included	Use OSCxxx-RxW w/Isolated Relay	Included	Use OSCxxx-RxW w/Isolated Relay	Included	Use OSCxxx-RxW w/Isolated Relay	Included
Environmental Operating Temperature/ Humidity	0 to 40°C/ 0 to 95% Non-Condensing Indoor Use Only							
Certifications								
Listing	UL							
Can be used to comply with 2019 Title 24, Part 6 occupancy requirements	Yes							

HIGH FREQUENCY
Commercial
Grade



Specifications		OSM3D-V1W	OSM3D-DDW
Features			
Technology	Microwave		
Mounting	Wall or Ceiling		
Coverage (SF)	32-52 feet		
Pattern	150°, 360° ceiling		
Mounting Height	Up to 49 feet		
Adjustment	Manual		
Time Delay	10s-30m	5s-infinity	
Voltage	120-277V 50/60Hz		
Wattage/VA	Tungsten: 800 W @ 120VAC, Electronic Driver/Ballast: 1000VA @ 120VAC, Driver: 1200VA @277VAC	120V @ 400W; 220-240V @ 800W; 277V@ 1000W	
Occupancy or Vacancy	Occupancy		
Auto or Manual	Auto		
Ambient Light Override	Yes		
Other	Designed to detect movement behind low density fixture materials or behind objects made of plastic or glass		
Mechanical			
Switching Technology	Zero Cross		
Neutral Required	No		
Ground Required	No		
Power Pack	Not Required		
Consumption (mA)	≤0.5W (standby), <1W (operation)		
Photocell	Internal Photocell 5-50 LUX Adjustable	Internal Photocell 2-100 LUX Adjustable	
HVAC Relay	No		
Environmental Operating Temperature/ Humidity	32 to 158°F/20-90% Non-Condensing, Indoor Use Only		
Certifications			
Listing	IP20		
Can be used to comply with 2019 Title 24, Part 6 occupancy requirements	Yes		

INTEGRATED CONTROLS
Commercial
Grade



Specifications	OSMHB	ZLD1Z	ZLS05-ILW	ZLS10-IDW	ZLS10-ILW
Features					
Technology	Microwave		PIR		
Mounting	Fixture				
Coverage (SF)	30 feet				
Pattern	360°		120°	360°	
Mounting Height	50 feet	8-40 feet	8-10 feet	40 feet	
Adjustment	Manual or DIP switches	Smart Sensor App	DIP switches or IR remote		
Time Delay	10s - 15m		10s - 30m	10s - 15m	
Voltage	120-277V 50/60Hz		12V-24VDC, 50mA	120/277VAC, 50/60Hz	12-24VDC
Wattage/VA	Resistive/Halogen: 800W@120V 1200W@277V Fluorescent Ballast: 660W@120V 1200W@277V Electronic Ballast: 800W@120VAC LED,CEL 1200W@211VAC LED,CEL Magnetic Ballast: 660W@120VAC 1200W @ 277VAC	LED, Electronic Ballast, General Use @ 120V: 6.7A LED, Electronic Ballast, General Use @ 230V: 4.4A LED, Electronic Ballast, General Use @ 277V: 4.4A Resistive, Tungsten @ 120V: 800W Resistive, Tungsten @ 230V: 1000W Resistive, Tungsten @ 277V: 120W Motor @ 120 - 277V: 1/6HP	—	Resistive Halogen: 0W@120V/1200W@277V Fluorescent Ballast: 60W@120V/1200W@277V Electronic Ballast: (LED/CFL) - 5A@120V/5A@277V	—
Occupancy or Vacancy	Occupancy				
Auto or Manual	Auto				
Ambient Light Override	Yes				
Other	Designed to detect movement behind low density fixture materials or behind objects made of plastic or glass	Designed for use with switching or 0-10V dimming ballasts/drivers.	Designed to be installed directly into a light fixture for standalone lighting control	Designed to be installed directly into a 0-10V dimming fixture for mid to high bay applications	
Mechanical					
Switching Technology	Zero Cross	0-10V Dim-to-OFF			
Neutral Required	No				
Ground Required	No				
Power Pack	No	Use a 0-10V dim-to-OFF driver that also supplies 24V to the sensor. Use a power pack or another external power supply is acceptable as well.			
Consumption (mA)	Not Required	15mA max, 8mA standby	50mA	25mA	
Photocell	Internal photocell				
HVAC Relay	No				
Environmental Operating Temperature/ Humidity	-40° to 158°F (-40° to 70°C)	-40° to 167 °F (-40° to 75° C)	-40° to 158°F (-40° to 70°C)		
Certifications					
Listing	IP20 Rated	IP66 Rated	IP65 Rated		
Can be used to comply with 2019 Title 24, Part 6 occupancy requirements	Yes				

Service and Support During Every Step of the Process.

Only Leviton has the service and support to help you create a lighting control system that does exactly what you want it to do while saving electricity, meeting codes and standards, and even garnering rebates.

Exclusive Support Resources:

- **Occupancy sensor layout services** - have a team of experts create occupancy sensor layouts at no cost to you directly on your CAD drawings, complete with a List of Equipment within an average turnaround time of 3 business days*— go to portal.leviton.com
- **ez-Learn** - get sensor smart in just 90 minutes from the comfort of your home or office with this exclusive 24/7 online training — go to www.leviton.com/ezlearn
- **Lighting control specialists** at your disposal
- **Field service engineers** for top-level support
- **Factory commissioning service**
- **Dedicated technical support** via phone at **800 959-6004**

* Average turnaround time based on projects for up to 200 sensors per system.



Leviton Manufacturing Co., Inc. Global Headquarters

201 North Service Road, Melville, NY 11747-3138 **tel** 800-323-8920 **tech line** (8:30AM-7:00PM ET Mon-Fri) 800-824-3005

Leviton Manufacturing Co., Inc. Lighting & Controls

10385 SW Avery St, Tualatin, OR 97062 **tel** 800-736-6682 **tech line** (6:00AM-4:00PM PST Monday-Friday) 800-959-6004

Visit our website at: www.leviton.com/sensors

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