

# COOPER CONTROLS SENSOR CROSS REFERENCE LIST

## WattStopper

PIR Wall Switch Sensors	Coverage	Major Motion	Minor Motion	Voltage	Technology	Photocell	Colors	Mounting	Notes	Greengate Cross	Notes
WS-250	180 Degree	900 sq ft	300 sq ft	120/277VAC	PIR	Yes	W, LA, I, G, B	Wall Box	Recommended space up to 180sqft	OSW-P-1001-MV	
WS-250-347	180 Degree	900 sq ft	300 sq ft	347VAC	PIR	Yes	W, LA, I, G, B	Wall Box	Recommended space up to 180sqft	ONW-P-1001-347	
PW-100	180 Degree	900 sq ft	300 sq ft	120/230/277VAC	PIR	Yes	W, LA, I, G, B	Wall Box	Recommended space up to 180sqft	ONW-P-1001-MV	
PW-101	180 Degree	900 sq ft	300 sq ft	120/230/277VAC	PIR	Yes	W, LA, I, G, B	Wall Box	neutral required, recommended space up to 180sqft	n/a	
PW-100-347	180 Degree	900 sq ft	300 sq ft	347VAC	PIR	Yes	W, LA, I, G, B	Wall Box	Recommended space up to 180sqft	ONW-P-1001-347	integrated photocell
PW-100-24	180 Degree	900 sq ft	300 sq ft	18-24VDC, 24VAC and halfwave rectified AC	PIR	Yes	W, LA, I, G, B	Wall Box	Recommended space up to 180sqft	ONW-P-1001-SP	integrated photocell
PW-103N	180 Degree	900 sq ft	300 sq ft	120/230/277VAC	PIR	Yes	W, LA, I, G, B	Wall Box	True three way unit	OSW-P-1001-MV	No night light
PW-200	180 Degree	900 sq ft	300 sq ft	120/230/277VAC	PIR	Yes	W, LA, I, G, B	Wall Box	Recommended space up to 180sqft	ONW-P-1001-DMV	
PW-200-347	180 Degree	900 sq ft	300 sq ft	347VAC	PIR	Yes	W, LA, I, G, B	Wall Box	Recommended space up to 180sqft	ONW-P-1001-D347	
PW-203	180 Degree	900 sq ft	300 sq ft	120/230/277VAC	PIR	Yes	W, LA, I, G, B	Wall Box	True three way unit	n/a	
PW-100D	180 Degree	900 sq ft	300 sq ft	120/230/277VAC	PIR	Yes	W, LA, I, G, B	Wall Box	sensor/dimmer	n/a	
WN-100-120	180 Degree	300 sq ft		120VAC	PIR	Yes	W, LA, I	Wall Box	sensor with nightlight	VNLW-P-1001-MV-N	
WN-100-277	180 Degree	300 sq ft		277VAC	PIR	Yes	W, LA, I	Wall Box	sensor with nightlight	VNLW-P-1001-MV-N	
WD-170	180 Degree	300 sq ft		120VAC	PIR	Yes	W, A, I	Wall Box	sensor/dimmer	n/a	
WD-180	180 Degree	300 sq ft		120VAC	PIR	Yes	W, A, I	Wall Box	sensor/dimmer	n/a	
WD-270	180 Degree	300 sq ft		277VAC	PIR	No	W, A, I	Wall Box	sensor/dimmer	n/a	
WD-280	180 Degree	300 sq ft		277VAC	PIR	No	W, A, I	Wall Box	sensor/dimmer	n/a	
Ultrasonic Wall Switch Sensor	Coverage	Major Motion	Minor Motion	Voltage	Technology	Photocell	Colors	Mounting	Notes	Greengate Cross	Notes
UW-100	180 Degree	400 sq ft	225 sq ft	120/230/277VAC	Ultrasonic	Yes	W, LA, I, G, B	Wall box	Recommended space up to 225 sq ft	OSW-U-0721-MV	no photocell
UW-100-347	180 Degree	400 sq ft	225 sq ft	347VAC	Ultrasonic	Yes	W, LA, I, G, B	Wall box	Recommended space up to 225 sq ft	ONW-D-1001-347	Dual technology PIR and ultrasonic
UW-100-24	180 Degree	400 sq ft	225 sq ft	18-24VDC, 24VAC and halfwave rectified AC	Ultrasonic	Yes	W, LA, I, G, B	Wall box	Recommended space up to 225 sq ft	ONW-D-1001-SP	Dual technology PIR and ultrasonic
UW-200	180 Degree	400 sq ft	225 sq ft	120/230/277VAC	Ultrasonic	Yes	W, LA, I, G, B	Wall box	Recommended space up to 225 sq ft	ONW-D-1001-DMV-N	Dual technology PIR and ultrasonic

## COOPER CONTROLS SENSOR CROSS REFERENCE LIST

Dual Technology Wall Switch Sensor	Coverage	Major Motion	Minor Motion	Voltage	Technology	Photocell	Colors	Mounting	Notes	Greengate Cross	Notes
DW-100	180 Degree	900 sq ft	400 sq ft	120/230/277VAC	Dual Tech	Yes	W, LA, I, G, B	Wall box	Recommended space up to 270 sq ft	ONW-D-1001-MV-N	integrated photocell
DW-100-347	180 Degree	900 sq ft	400 sq ft	347VAC	Dual Tech	Yes	W, LA, I, G, B	Wall box	Recommended space up to 270 sq ft	ONW-D-1001-347	integrated photocell
DW-100-24	180 Degree	900 sq ft	400 sq ft	18-24VDC, 24 VAC and halfwave rectified AC	Dual Tech	Yes	W, LA, I, G, B	Wall box	Recommended space up to 270 sq ft	ONW-D-1001-SP	integrated photocell
DW-103	180 Degree	1050 sq ft	300 sq ft	120/230/277VAC	Dual Tech	Yes	W, LA, I, G, B	Wall box	Recommended space up to 270 sq ft	n/a	
DW-200	180 Degree	900 sq ft	400 sq ft	120/230/277VAC	Dual Tech	Yes	W, LA, I, G, B	Wall box	Recommended space up to 270 sq ft	ONW-D-1001-DMV-N	integrated photocell
DW-203	180 Degree	900 sq ft	400 sq ft	120/230/277VAC	Dual Tech	Yes	W, LA, I, G, B	Wall box	Recommended space up to 270 sq ft	n/a	
DSW-100	180 Degree	1050 sq ft	400 sq ft	120/277VAC	Dual Tech	No	W, LA, I, G, B	Wall box	Recommended space up to 270 sq ft	ONW-D-1001-MV-N	integrated photocell
DSW-200	180 Degree	1050 sq ft	400 sq ft	120/277VAC	Dual Tech	No	W, LA, I, G, B	Wall box	Recommended space up to 270 sq ft	ONW-D-1001-DMV-N	integrated photocell
DSW-203	180 Degree	1050 sq ft	400 sq ft	120/277VAC	Dual Tech	No	W, LA, I, G, B	Wall box	Recommended space up to 270 sq ft	n/a	
<b>Residential Wall Switch Timers</b>											
Coverage	Major Motion	Minor Motion	Voltage	Technology	Photocell	Colors	Mounting	Notes	Greengate Cross	Notes	
TS-400	n/a	n/a	n/a	120/230/277VAC	n/a	n/a	W, LA, I, G, B	Wall box		TSW-MV	
TS-400-24	n/a	n/a	n/a	120/230/277VAC	n/a	n/a	W, LA, I, G, B	Wall box		n/a	
<b>PIR Ceiling Sensors</b>											
Coverage	Major Motion	Minor Motion	Voltage	Technology	Photocell	Colors	Mounting	Notes	Greengate Cross	Notes	
CI-12	360 Degree	1200 sq ft		12VDC	PIR	No	W	Recessed	Isolated Relay	OMR-P-1200-R	
CI-12-1	360 Degree	500 sq ft		12VDC	PIR	No	W	Recessed	Isolated Relay	OMR-P-0450-R	
CI-24	360 Degree	1200 sq ft		24VAC/VDC	PIR	No	W	Recessed	Isolated Relay	OMR-P-1200-R	
CI-24-1	360 Degree	500 sq ft		24VAC/VDC	PIR	No	W	Recessed	Isolated Relay	OMR-P-0450-R	
CI-200	360 Degree	1200 sq ft		24VDC	PIR	Yes	W	Recessed	Isolated Relay	OMR-P-1200-R	
CI-200-1	360 Degree	500 sq ft		24VDC	PIR	Yes	W	Recessed	Isolated Relay	OMR-P-0450-R	
CI-205	360 Degree	1200 sq ft		24VDC	PIR	No	W	Recessed		OMR-P-1200-R	
CI-205-1	360 Degree	500 sq ft		24VDC	PIR	No	W	Recessed		OMR-P-0450-R	
CI-300	360 Degree	1200 sq ft		24VDC	PIR	Yes	W	Recessed	Isolated Relay	OAC-P-1500-R	
CI-300-1	360 Degree	500 sq ft		24VDC	PIR	Yes	W	Recessed	Isolated Relay	OAC-P-0500-R	
CI-305	360 Degree	1200 sq ft		24VDC	PIR	No	W	Recessed		OAC-P-1500	
CI-305-1	360 Degree	500 sq ft		24VDC	PIR	No	W	Recessed		OAC-P-0500	
CI-355	360 Degree	1200 sq ft		120/230/277/347	PIR	Yes	W	Recessed		OAC-P-1500-MV	
CI-355-1	360 Degree	500 sq ft		120/230/277/347	PIR	Yes	W	Recessed		OAC-P-0500-MV	
WPIR	One way	300 sq ft		24VDC	PIR	No	W	Surface		OAC-P-0500	

## COOPER CONTROLS SENSOR CROSS REFERENCE LIST

Ultrasonic Ceiling Sensors	Coverage	Major Motion	Minor Motion	Voltage	Technology	Photocell	Colors	Mounting	Notes	Greengate Cross	Notes
UT-300-1	360 Degree	500 sq ft		24VDC	Ultrasonic	No	W	Recessed	Isolated Relay	OAC-U-0501-R	180 Degree
UT-300-2	360 Degree	1000 sq ft		24VDC	Ultrasonic	No	W	Recessed	Isolated Relay	OAC-U-1001-R	
UT-300-3	360 Degree	2000 sq ft		24VDC	Ultrasonic	No	W	Recessed	Isolated Relay	OAC-U-2000-R	
UT-305-1	360 Degree	500 sq ft		24VDC	Ultrasonic	No	W	Recessed		OAC-U-0501	180 Degree
UT-305-2	360 Degree	1000 sq ft		24VDC	Ultrasonic	No	W	Recessed		OAC-U-1001	
UT-305-3	360 Degree	2000 sq ft		24VDC	Ultrasonic	No	W	Recessed		OAC-U-2000	
UT-355-1	360 Degree	500 sq ft		120/230/277/347	Ultrasonic	No	W	Recessed		US1500-120 OR 277	Need to specify voltage
UT-355-2	360 Degree	1000 sq ft		120/230/277/347	Ultrasonic	No	W	Recessed		US1500-120 OR 277	Need to specify voltage
UT-355-3	360 Degree	2000 sq ft		120/230/277/347	Ultrasonic	No	W	Recessed		US2000-120 OR 277	Need to specify voltage
W-500A	360 Degree	500 sq ft		24VDC	Ultrasonic	No	W	Surface		OEC-U-0501	One-way, adjustable
W-1000A	360 Degree	1000 sq ft		24VDC	Ultrasonic	No	W	Surface		OEC-U-1001	One-way, adjustable
W-2000A	360 Degree	2000 sq ft		24VDC	Ultrasonic	No	W	Surface		OEC-U-2000	Two-way, adjustable
W-2000H	360 Degree	90 linear ft		24VDC	Ultrasonic	No	W	Surface		OEC-U-0100-H	Two-way, adjustable
WT-605	180 Degree	600 sq ft		24VDC	Ultrasonic	No	W	Surface		OAC-U-0501	180 Degree
WT-600	180 Degree	600 sq ft		24VDC	Ultrasonic	No	W	Surface	Isolated Relay	OAC-U-0501-R	180 Degree
WT-1105	360 Degree	1100 sq ft		24VDC	Ultrasonic	No	W	Surface		OAC-U-1000	
WT-1100	360 Degree	1100 sq ft		24VDC	Ultrasonic	No	W	Surface	Isolated Relay	OAC-U-1000-R	
WT-2205	360 Degree	2200 sq ft		24VDC	Ultrasonic	No	W	Surface		OAC-U-2000	
WT-2200	360 Degree	2200 sq ft		24VDC	Ultrasonic	No	W	Surface	Isolated Relay	OAC-U-2000-R	
WT-2255	360 Degree	90 linear ft		24VDC	Ultrasonic	No	W	Surface		OAC-U-2000	up to 56 linear ft
WT-2250	360 Degree	90 linear ft		24VDC	Ultrasonic	No	W	Surface	Isolated Relay	OAC-U-2000-R	up to 56 linear ft

Dual Tech Ceiling Sensors	Coverage	Major Motion	Minor Motion	Voltage	Technology	Photocell	Colors	Mounting	Notes	Greengate Cross	Notes
DT-300	360 Degree	1000 sq ft		24VDC	Dual Technology	Yes	W	Recessed	Isolated Relay	OAC-DT-1000-R	
DT-305	360 Degree	1000 sq ft		24VDC	Dual Technology	Yes	W	Recessed		OAC-DT-1000	
DT-355	360 Degree	1000 sq ft		120/230/277/347	Dual Technology	Yes	W	Recessed		DT2000-120 OR 277	Need to specify voltage

PIR Ceiling/Wall Sensors	Coverage	Major Motion	Minor Motion	Voltage	Technology	Photocell	Colors	Mounting	Notes	Greengate Cross	Notes
CB-100	Wide Angle	2000 sq ft		24VDC	PIR	No	W	Wall/Surface	Isolated Relay, low temperature	no direct cross	
CB-100-1	Long Range	90 linear ft		24VDC	PIR	No	W	Wall/Surface	Isolated Relay, low temperature	no direct cross	
CB-100-3	Two Sided	120 linear ft		24VDC	PIR	No	W	Wall/Surface	Isolated Relay, low temperature	no direct cross	
CX-100	Wide Angle	2000 sq ft		24VDC	PIR	Yes	W	Wall/Surface	Isolated Relay, low temperature	OAWC-P-120W-R	Wall/corner/ceiling - 1200 sq ft
CX-100-1	Long Range	90 linear ft		24VDC	PIR	Yes	W	Wall/Surface	Isolated Relay, low temperature	OAWC-P-009L-H-R	Wall/corner/ceiling - 90 linear ft
CX-100-3	Two Sided	120 linear ft		24VDC	PIR	Yes	W	Wall/Surface	Isolated Relay, low temperature	OAWC-P-009L-H-R	Wall/corner/ceiling - 90 linear ft
CX-100-4	One Sided	50 linear ft		24VDC	PIR	Yes	W	Wall/Surface	Isolated Relay, low temperature	OAWC-P-009L-H-R	Wall/corner/ceiling - 90 linear ft

## COOPER CONTROLS SENSOR CROSS REFERENCE LIST

<b>CX-105</b>	Wide Angle	2000 sq ft		24VDC	PIR	Yes	W	Wall/Surface		<b>OAWC-P-120W</b>	Wall/corner/ceiling - 1200 sq ft
<b>CX-105-1</b>	Long Range	90 linear ft		24VDC	PIR	Yes	W	Wall/Surface		<b>OAWC-P-009L-H</b>	Wall/corner/ceiling - 90 linear ft
<b>CX-105-3</b>	Two Sided	120 linear ft		24VDC	PIR	Yes	W	Wall/Surface		<b>OAWC-P-009L-H</b>	Wall/corner/ceiling - 90 linear ft
<b>CX-105-4</b>	One Sided	50 linear ft		24VDC	PIR	Yes	W	Wall/Surface		<b>OAWC-P-009L-H</b>	Wall/corner/ceiling - 90 linear ft

Dual Tech Ceiling/ Wall Sensors	Coverage	Major Motion	Minor Motion	Voltage	Technology	Photocell	Colors	Mounting	Notes	Greengate Cross	Notes
<b>DT-200</b>	One Way	2000 sq ft	1000 sq ft	24VDC	Dual Technology	Yes	W	Wall/Ceiling	Isolated Relay	<b>OAWC-DT-120W-R</b>	
<b>DT-205</b>	One Way	2000 sq ft	1000 sq ft	24VDC	Dual Technology	Yes	W	Wall/Ceiling		<b>OAWC-DT-120W</b>	

Outdoor Sensors	Coverage	Major Motion	Minor Motion	Voltage	Technology	Photocell	Colors	Mounting	Notes	Greengate Cross	Notes
<b>EW-200-120</b>	270 Degree	Up to 52ft		120VAC	PIR	Yes	W, G	Wall/Ceiling	Isolated Relay	<b>n/a</b>	
<b>EW-200-277</b>	270 Degree	Up to 52ft		277VAC	PIR	Yes	W, G	Wall/Ceiling	Isolated Relay	<b>n/a</b>	
<b>EW-205-120</b>	270 Degree	Up to 52ft		120VAC	n/a	n/a	W	n/a	Lamp holder	<b>n/a</b>	
<b>EW-205-24</b>	270 Degree	Up to 52ft		24VDC	PIR	Yes	W, G	Wall/Ceiling		<b>n/a</b>	

Power Packs	Voltage	Rating							Notes	Greengate Cross	Notes
<b>BZ-50</b>	120/230/277	20Amp - Ballasts								<b>SP20-MV</b>	
<b>BZ-150</b>	120/230/277	20Amp - Ballasts							Hold ON/ Hold Off feature, manual on	<b>no direct cross</b>	
<b>BZ-50RC</b>	120/230/277	20Amp - Ballasts							RJ 45 connection to sensor	<b>no direct cross</b>	
<b>B347D-P</b>	347VAC	15Amp - Ballasts								<b>SP15-347</b>	
<b>S120/277/347E-P</b>	120/277/347E-P	20/20/15Amp - Ballasts								<b>Use additional matching voltage switchpack</b>	
<b>BZ-100</b>	120/277VAC	20Amp - Ballasts							Hold ON/ Hold Off feature	<b>SP20-MV</b>	
<b>LC-100</b>	120/277VAC	20Amp - Ballasts							2 relays/ 0-10V Dimming and On and Off control	<b>n/a</b>	
<b>BD-100E-P</b>	120/230/277VAC	20Amp - Ballasts							DIN Rail mounting / Hold-on / Hold-off feature	<b>n/a</b>	
<b>BD-100M</b>	120/230/277VAC	20Amp - Ballasts							DIN Rail mounting Manual-ON applications	<b>n/a</b>	
<b>BZ-480-E</b>	480VAC	6Amp - Ballasts							Fixture External Mount	<b>n/a</b>	
<b>BZ-480-I</b>	480VAC	6Amp - Ballasts							Fixture Internal Mount	<b>n/a</b>	
<b>AT-120</b>	120VAC	n/a							Used as power supply	<b>SP20-MV</b>	
<b>AT-277</b>	277VAC	n/a							Used as power supply	<b>SP20-MV</b>	
<b>A120C-P</b>	120VAC	8Amp - N.O. 5Amp - N.C.								<b>SP05-SR</b>	Rated at 5Amp
<b>A277C-P</b>	277VAC	6Amp - N.O. 5Amp - N.C.								<b>SP05-SR</b>	Rated at 5Amp
<b>C120E-P</b>	120VAC	20Amp - Ballasts								<b>SPD20-MV-NO</b>	
<b>C277E-P</b>	277VAC	20Amp - Ballasts								<b>SPD20-MV-NO</b>	

## COOPER CONTROLS SENSOR CROSS REFERENCE LIST

High Bay Sensors	Voltage								Notes	Greengate Cross	Notes
HB350B-L1	120/277VAC									OEF-P-2MH0-MV-S	
HB350B-L3	120/277VAC									OEF-P-2MH0-MV-S	
HB350B-L4	120/277VAC									OEF-P-2MH0-MV-S	
HB340B-L1	347/480VAC									n/a	
HB340B-L3	347/480VAC									n/a	
HB340B-L4	347/480VAC									n/a	
HB350W-L3	120/277VAC								For Wet locations	n/a	
HB350W-L4	120/277VAC								For Wet locations	n/a	
HB340W-L3	347/480VAC								For Wet locations	n/a	
HB340W-L4	347/480VAC								For Wet locations	n/a	

High Bay Sensors Standard Module w/Daylight	Voltage	Rating							Notes	Greengate Cross	Notes
HB-300D	24VDC/VAC	16mA - uses WS Power Pack							HB Module Only Need to order lens separately	OXC-P-2MH0-R requires SP20-MV	when HB-300D is used with HB-L4
HB-330D	208/240VAC	0-1200W							HB Module Only Need to order lens separately	n/a	
HB-340D	347/480VAC	0-1200W							HB Module Only Need to order lens separately	n/a	
HB-350D	120/277VAC	0-800W							HB Module Only Need to order lens separately	OEF-P-2MH0-MV-S	When HB-350D is used with HB-L4
HB-350D-B	120/277VAC	0-800W 0-1200W							HB Module Only Need to order lens separately	n/a	
HB-L1									Lens - Coverage at 40' Height - 60' x 20'		
HB-L1M									Lens - Coverage at 40' Height - 30' x 20'		
HB-L3									Lens - Coverage at 20' Height - 24' Diameter		
HB-L4									Lens - Coverage at 40' Height - 68' Diameter		

High Bay Sensors Cold Temperature	Voltage	Rating							Notes	Greengate Cross	Notes
HB-300C	24VDC/VAC	16mA - uses WS Power Pack							HB Module Only -40F to +130F need to order lens separately	OXC-P-2MH0-R requires SP20-MV	When HB-300C is selected with HB-L4
HB-330C	208/240VAC	0-1200W							HB Module Only -40F to +130F need to order lens separately	n/a	

## COOPER CONTROLS SENSOR CROSS REFERENCE LIST

HB-340C	347/480VAC	0-1200W								HB Module Only -40F to +130F need to order lens separately	n/a	
HB-350C	120/277VAC	0-800W								HB Module Only -40F to +130F need to order lens separately	n/a	
HB-L1										Lens - Coverage at 40' Height - 60' x 20'		
HB-L1M										Lens - Coverage at 40' Height - 30' x 20'		
HB-L3										Lens - Coverage at 20' Height - 24' Diameter		
HB-L4										Lens - Coverage at 40' Height - 68' Diameter		

High Bay Sensors w/Dual Time delays	Voltage	Rating								Notes	Greengate Cross	Notes
HB-350T	120/277VAC	0-800W/0-1200W								HB Module Only 1) 15sec - 30min 2)5-30min need to order lens separately	n/a	
HB-350TP	120/277VAC	0-800W/0-1200W								HB Module Only 1) 15sec - 60min 2)5-60min need to order lens separately	n/a	
HB-L1										Lens - Coverage at 40' Height - 60' x 20'		
HB-L1M										Lens - Coverage at 40' Height - 30' x 20'		
HB-L3										Lens - Coverage at 20' Height - 24' Diameter		
HB-L4										Lens - Coverage at 40' Height - 68' Diameter		