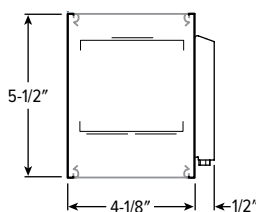
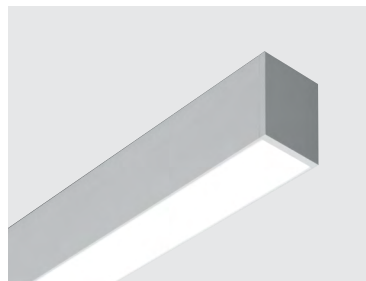


MX4WUD^{LED} 4" Continuous Up/Down – Wall



CATALOG #: _____

TYPE: _____

PROJECT: _____



FEATURES

- Create elegant spaces with a seamless, continuous row of illumination
- Flat and proud lenses give designers a variety of looks
- Fixture attaches to wall bracket for simple installation
- High-performance up to 115 lm/W
- Linear extrusion contains snap-in light rails for ease of installation and maintenance
- Attractive source of direct and indirect lighting
- Versatile MX4 system includes recessed, surface, suspended and in-wall mounting, see hew.com/mx4
- Diffuse acrylic lens provides uniform illumination for visual comfort
- Wireless in-fixture control solutions available
- Made Right Here® in the USA

SPECIFICATIONS

- **HOUSING** – Extruded aluminum with die-cast end plates.
- **SHIELDING** – Extruded, flat, diffuse acrylic lens.
- **FINISH** – Textured matte white polyester TGIC powder coat bonded to phosphate-free, multi-stage pretreated metal. All parts painted after fabrication to facilitate installation, increase efficiency, and inhibit corrosion.
- **ELECTRICAL** – High-quality mid-power LED boards. L70 >60,000 hours per IES TM-21. 25°C maximum ambient operating temperature. 50/60 Hz constant current driver.
- **MOUNTING** – Wall mount. Powder coated, die-formed C.R.S. receiving bracket mounted to fixture which attaches to galvanized, wall mounted bracket.
- **LISTINGS** –
 - cCSAus certified as luminaire suitable for dry or damp locations.
 - UL 924 available, see Options.
 - Build America, Buy America (BABA) and Buy American Act (BAA) compliant. Request certification at hew.com/buy-american
- **WARRANTY** – 5-year limited warranty, see hew.com/warranty

ORDERING EXAMPLE: MX4WUD - 12'00 - L8/835U/L8/835D - A/F - OPTIONS - CONTROL/DIM - UNV

SERIES	ILLUMINATED LENGTH ^[1]	LUMEN PACKAGE (EXAMPLE: L8/835U/L8/835D)
MX4WUD	Lengths specified in feet and inches using 4" increments, 2' minimum. Example: 12'00 = 12'-0"	Specify lumen packages: U for Uplight and D for Downlight
	PRODUCT BUILDER Simplify ordering & layout design with the Williams Linear Product Builder at hew.com/product-builder	LUMENS ^[2] CRI CCT U or D
		L8 800lm 8 80 27 2700K U Uplight
		L12 1200lm 9 90 30 3000K D Downlight
		L15 1500lm 35 3500K
		40 4000K
		50 5000K

SHIELDING UP	SHIELDING DOWN	OPTIONS ^[3]
A Flat, semi-diffuse acrylic	F Flat, diffuse acrylic	See page 3 for FINISH OPTIONS .
F Flat, diffuse acrylic ^[4]	P Proud, diffuse acrylic with 5/16" drop ^[5]	EM/10WRM Remote mount 10-watt emergency battery
		EM/10WRM/RTS Remote mount 10-watt emergency battery with regressed test switch
		ASYD Downlight asymmetric distribution ^[6]
		ASU Uplight asymmetric distribution ^[7]
		ASYUD (L__) Up and down light asymmetric distribution ^[8]
		Additional lower lumen packages available ^[9]
		Example: 600 lumens =
		MX4WUD-12'00-L8/835U/L8/835D-(L6U/L6D)
		Approved for UL 924 emergency generator circuit through-feed wiring ^[10]
		GEN

CONTROL ^[11]	DRIVER	VOLTAGE
See page 5 for ADDITIONAL CONTROL OPTIONS .	See page 6 for ADDITIONAL DRIVER OPTIONS .	120 120V
– None		277 277V
AVI-LVFA Avi-on wireless fixture control ^[12]	DIM Driver with external 0-10V dimming wires. Up and down switch and dim together	UNV 120-277V
AVI-LVFA-CS2-PIR Avi-on wireless fixture control with PIR motion and daylight sensor ^[13]	DA Driver with 12V auxiliary power without external dimming wires. Up and down switch together ^[16]	347 347V ^[18]
AWN Lutron Athena wireless node integral fixture control, RF only ^[14]	DSR Sensor-ready driver without external dimming wires (D4i DALI-2). Up and down switch together ^[17]	
AWNS Lutron Athena wireless node integral fixture control, RF with daylight and occupancy sensing ^[15]		

NOTES

- Endcaps add 7/8" to overall specified length.
- Lumens per foot output based on A Shielding Up and F Shielding Down, 80 CRI/3500K CCT. Actual performance may vary ± 5%. See page 2 for **FIXTURE PERFORMANCE DATA**. Additional lumen packages available, see Options.
- Remote EM batteries: max remote distance 50'. Large remote box provided. Specify CEC in the option code when California Energy Commission regulations are required. See page 3 for **REMOTE MOUNT BATTERY DETAILS**.
- Recommended for use in applications where the fixture will be viewed from above. Decreases lumen output.
- See page 3 for **CROSS SECTIONS**.
- Available with A and F shielding only. Creates uneven lens illumination. See page 3 for **CROSS SECTIONS**.
- Available with A and F shielding only. Creates uneven lens illumination. See page 3 for **CROSS SECTIONS**.
- Available with A and F shielding only. Creates uneven lens illumination. See page 3 for **CROSS SECTIONS**.
- (L4U/L4D) lumen package minimum. Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
- Downlight orientation only. Maximum mounting height is 29.4' (9.0 m). Minimum lumen output is 400 lm/ft. See hew.com/UL924 for details.
- Sensor recommended for use in downlight orientation only. Reduces portion of lit fixture, consult factory. See page 3 for **SENSOR & NODE PLACEMENT DETAILS**. See page 4 for **AVI-ON BLUETOOTH WIRELESS CONTROL DETAILS**.
- DA Driver only.
- DA Driver only.
- DA and DSR Drivers only.
- DA and DSR Drivers only.
- Avi-on and Lutron Athena Controls only.
- Lutron Athena Controls only.
- Not available with EM batteries, control sensors, DA, or DSR Drivers.



MX4WUD^{LED} 4" Continuous Up/Down – Wall

FIXTURE PERFORMANCE DATA

	PER FOOT				
	DELIVERED LUMENS			TOTAL WATTAGE	EFFICACY (lm/W)
	UP	DOWN	TOTAL		
L8/845U/L8/835D	851	824	1675	14.6	115
L8/835U/L12/835D	851	1175	2026	18.1	112
L8/835U/L15/835D	851	1439	2290	20.8	110
L12/835U/L8/835D	1187	824	2011	18.1	111
L12/835U/L12/835D	1187	1175	2362	21.6	109
L12/835U/L15/835D	1187	1439	2626	24.3	108
L15/835U/L8/835D	1439	824	2263	20.8	109
L15/835U/L12/835D	1439	1175	2614	24.3	108
L15/835U/L15/835D	1439	1439	2878	27.0	107

- Photometrics tested in accordance with IESNA LM-79. Results based on A Shielding Up and F Shielding Down, 80 CRI/3500K CCT, average wattage for 120V through 277V input, and 25°C ambient temperature. Actual performance may vary +/-5%.
- To calculate lumen output in emergency mode, multiply the battery wattage by the efficacy.
- Use multiplier tables to calculate additional options.

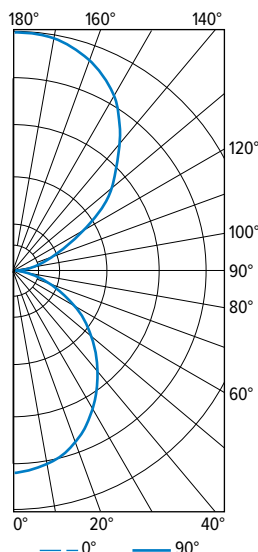
MULTIPLIER TABLES

	COLOR TEMPERATURE	
	CCT	CONVERSION FACTOR
80 CRI	2700K	0.97
	3000K	0.99
	3500K	1.00
	4000K	1.03
	5000K	1.06
90 CRI	2700K	0.82
	3000K	0.83
	3500K	0.84
	4000K	0.86
	5000K	0.90

ASY OPTION	
WATTAGE	EFFICACY (lm/W)
1.02	0.98

PHOTOMETRY

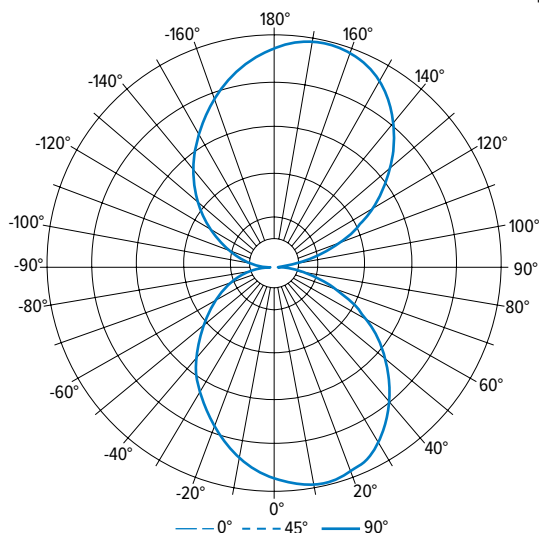
MX4WUD-4'00-L8/835U/L8/835D-A/F-DIM Total Luminaire Output: 6732 lumens; 56.8 Watts | Efficacy: 119 lm/W | 80 CRI; 3500K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE						ZONAL LUMENS
	0°	45°	90°	135°	180°		
0	1155	1155	1155	1155	1155		
5	1175	1163	1135	1133	1145		109
15	1123	1113	1091	1075	1081		309
25	1026	1018	984	974	974		457
35	879	873	847	829	821		531
45	708	706	682	666	634		526
55	533	521	497	489	483		449
65	338	330	318	312	312		318
75	161	153	145	149	141		161
85	28	24	18	22	24		36
90	6	6	12	6	6		6
95	58	68	70	62	56		71
105	201	217	219	197	173		222
115	400	427	447	394	360		411
125	654	676	696	638	596		594
135	938	948	950	905	861		712
145	1149	1153	1161	1109	1085		711
155	1302	1306	1312	1270	1246		595
165	1380	1384	1398	1360	1344		388
175	1396	1403	1429	1390	1370		133
180	1398	1398	1398	1398	1398		

	ZONE	LUMENS	% FIXTURE
LUMEN SUMMARY	0 - 30	875	13
	0 - 40	1406	21
	0 - 60	2380	35
	0 - 90	2894	43
	90 - 120	704	11
	90 - 130	1298	19
	90 - 150	2721	40
	90 - 180	3838	57
	0 - 180	6732	100

MX4WUD-4'00-L8/835U/L8/835D-ASYUD-DIM-UNV Total Luminaire Output: 6501 lumens; 58.4 Watts | Efficacy: 111 lm/W | 80 CRI; 3500K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE						ZONAL LUMENS
	0°	45°	90°	135°	180°		
0	1153	1153	1153	1153	1153		
5	1149	1175	1188	1175	1149		109
15	1101	1185	1221	1185	1101		311
25	1011	1135	1187	1135	1011		468
35	881	1024	1083	1024	881		556
45	726	868	922	868	726		566
55	560	684	730	684	560		507
65	384	481	516	481	384		387
75	203	275	300	275	203		227
85	50	86	100	86	50		68
90	5	26	39	26	5		5
95	51	89	103	89	51		71
105	210	284	310	284	210		234
115	397	497	533	497	397		400
125	578	706	754	706	578		524
135	750	897	952	897	750		584
145	910	1057	1118	1057	910		574
155	1044	1172	1226	1172	1044		483
165	1137	1223	1260	1223	1137		321
175	1186	1213	1226	1213	1186		112
180	1189	1189	1189	1189	1189		

	ZONE	LUMENS	% FIXTURE
LUMEN SUMMARY	0 - 30	887	14
	0 - 40	1443	22
	0 - 60	2516	39
	0 - 90	3198	49
	90 - 120	704	11
	90 - 130	1228	19
	90 - 150	2386	37
	90 - 180	3302	51
	0 - 180	6501	100



H.E. Williams, Inc.

Carthage, Missouri

www.hew.com

417-358-4065

Designed and Manufactured in the USA

Information contained herein is subject to change without notice.

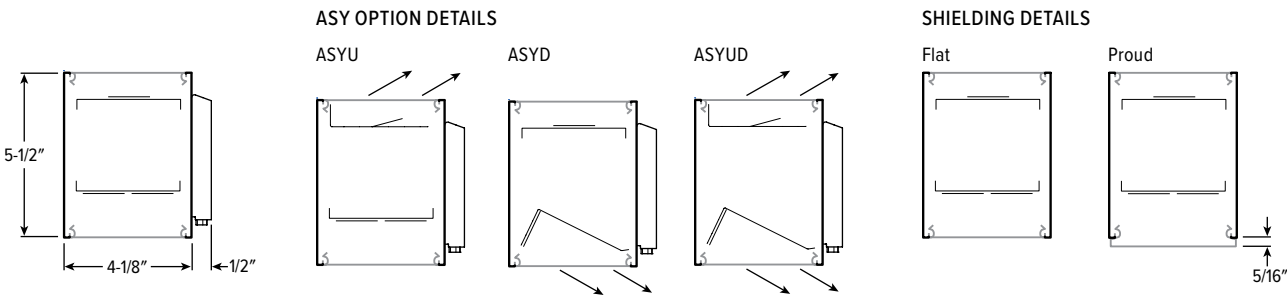
REV.05/13/25.MH

Continuous

Page 2 of 6

MX4WUD^{LED} 4" Continuous Up/Down – Wall

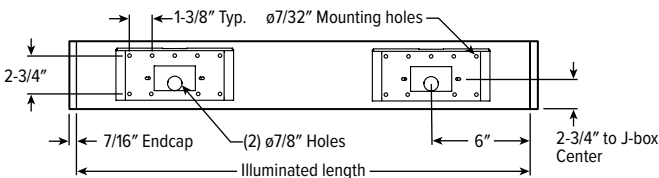
CROSS SECTIONS



FIXTURE DETAILS

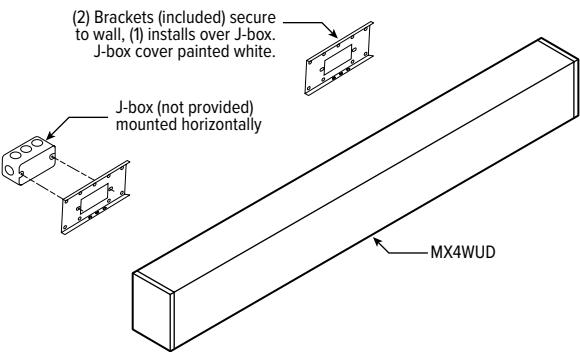
See hew.com/power-entry for power entry details.

BACK VIEW



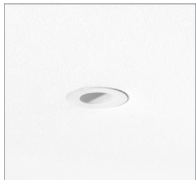
Standalone and feeder fixtures receive two mounting brackets. Joiner fixtures connect to feeder fixtures and receive one mounting bracket.

MOUNTING



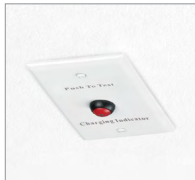
REMOTE MOUNT BATTERY DETAILS

EM/10WRM/RTS



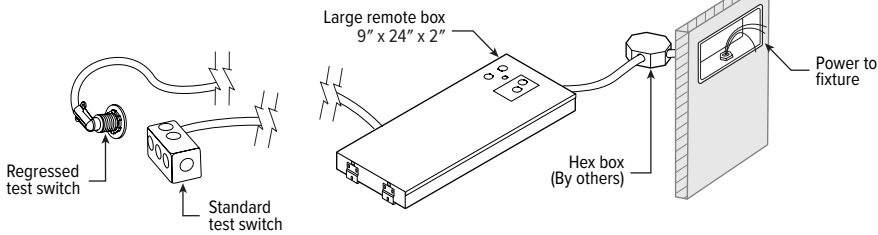
Regressed test switch
ø1-3/4"

EM/10WRM



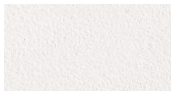
Standard test switch
2-3/4" x 4-1/2"

Max remote distance is 50', connection by others.



FINISH OPTIONS

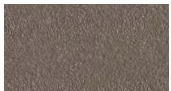
WHITE



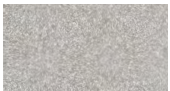
BLACK



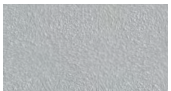
BRONZE



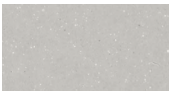
NICKEL



SILVER



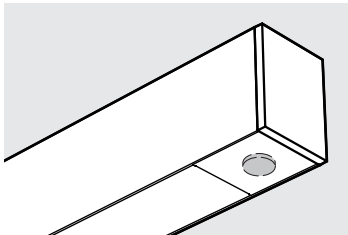
ALUM



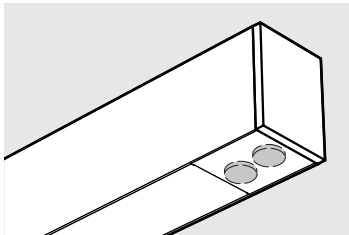
For custom color, please specify RAL code or a manufacturer code with description. All custom colors other than RAL require four sample swatches, minimum 1" square.

SENSOR & NODE PLACEMENT DETAILS

AVI-LVFA | WS-FS | WS-LMFS



AWN | AWNS



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MX4WUD^{LED} 4" Continuous Up/Down – Wall

AVI-ON BLUETOOTH WIRELESS CONTROL DETAILS

FEATURES

Simple

- Gateway-free distributed control
- Contractor friendly installation
- Occupancy/vacancy/daylight sensing

Scalable

- Virtually unlimited network size
- Spans small offices to large warehouses
- Flexible control strategies

Secure

- Optional cloud connectivity
- UL IoT platinum security rating
- DLC 5.0 compliant

COMMISSIONING & INSTALLATION TOOLS

Avi-on mobile apps provide intuitive, quick installation and commissioning. Pro tools are available to qualified installers. Live commissioning training and on-site or remote support by Avi-on must be ordered separately through Avi-on.



Commissioning Mobile App

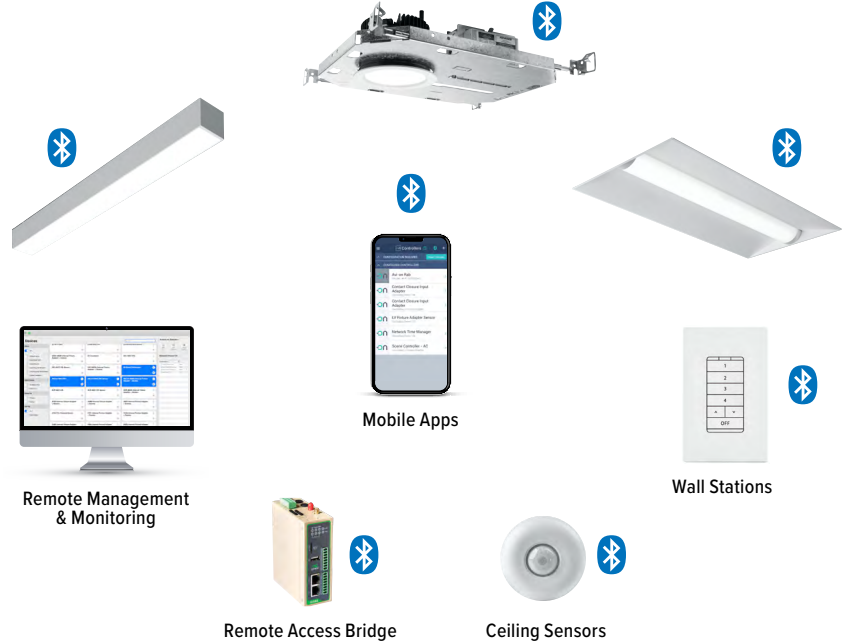


Zone Scanner Web App



Commissioning Pro App

SYSTEM COMPONENTS



The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Avi-on is under license. Other trademarks and trade names are those of their respective owners.

ACCESSORIES


WALL STATIONS	
AVI-B-2401AC-1	Scene controller - buttons numbered 1-4 and up/down/off, 120-277VAC
AVI-B-2402BAT-1	Scene controller - buttons numbered 1-4 and up/down/off, battery powered
AVI-B-2401AC-2	Dimmer with presets - buttons with percentages and up/down/off, 120-277VAC
AVI-B-2402BAT-2	Dimmer with presets - buttons with percentages and up/down/off, battery powered
AVI-B-2401AC-3	Two button control on/off or hold to dim up/down, 120-277VAC
AVI-B-2402BAT-3	Two button control on/off or hold to dim up/down, battery powered

NETWORK	
AVI-RAB-LTE	Remote access bridge
AVI-NTM	Network time manager with battery backup
CEILING MOUNT SENSORS	
AVI-KIT-SEN-DUCM	PIR motion and ultrasonic sensor kit
AVI-KIT-SEN-ICM	PIR motion and photocell sensor kit

For load controllers and additional accessory info, see hew.com/avi-on

AVI-LVFA-CS2-PIR Avi-on wireless fixture control with PIR motion and daylight sensor. DA Driver only.

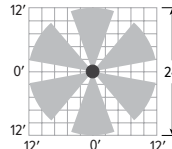
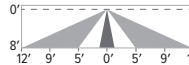
SPECIFICATIONS	
TYPE	PIR Motion + Daylight
MOUNTING HEIGHT	8' – 10'
DETECTION ANGLE	360°
TEMPERATURE RANGE	-30° to 50°C
RELATIVE HUMIDITY	10 to 80% non-condensing
IP RATING	IP20
MANUFACTURER	Avi-On



SENSOR COVERAGE PATTERNS

Side View

8' height: ø24' coverage



SENSOR DETAIL



Dimensions: 13/16" x 2-1/4"



MX4WUD^{LED} 4" Continuous Up/Down – Wall

ADDITIONAL CONTROL OPTIONS

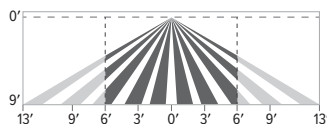
AWNS Lutron Athena wireless node integral fixture control, RF with daylight and occupancy sensing. DA and DSR Drivers only.

SPECIFICATIONS	
TYPE	Radio Frequency
MOUNTING HEIGHT	8' – 12'
DETECTION ANGLE	360°
TEMPERATURE RANGE	0° to 55°C
RELATIVE HUMIDITY	0 to 90%, non-condensing
COMMISSIONING	Clear Connect gateway – Type X with app (iOS or Android)
MANUFACTURER	Lutron



SENSOR COVERAGE PATTERNS

9' height: ø12' coverage



Motion Sensor Coverage

CEILING HEIGHT	COVERAGE AREA (SQ FT)
8'	114
9'	144
10'	178
12'	256

SENSOR DETAIL



Dimensions: ø1-1/8"

ATHENA CONTROL OPTIONS

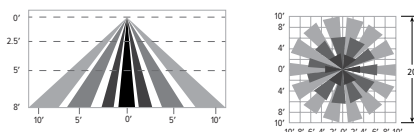
CATALOG NUMBER	DESCRIPTION
AWNDR	Lutron Athena wireless node integral fixture control, RF only, for use with D4i DALI-2 or driver with 12V auxiliary power.
AWNS	Lutron Athena wireless node integral fixture control, RF with daylight and occupancy sensing, for use with D4i DALI-2 or driver with 12V auxiliary power.
AWNDR-BL	Lutron Athena wireless node integral fixture control, RF only, for use with D4i DALI-2 or driver with 12V auxiliary power, black finish.
AWNS-BL	Lutron Athena wireless node integral fixture control, RF with daylight and occupancy sensing, for use with D4i DALI-2 or driver with 12V auxiliary power, black finish.

OCCWS-FS-305-L6-PP-120/277 Wattstopper PIR motion and daylight hold off sensor with power pack, 120/277V

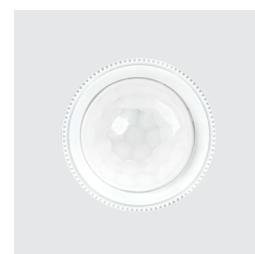
SPECIFICATIONS	
TYPE	PIR Motion + Daylight Hold Off
MOUNTING HEIGHT	8'
LENS	Indoor, non-wet location use
DETECTION ANGLE	360°
TEMPERATURE RANGE	-40° to 55°C
RELATIVE HUMIDITY	5% to 95%, non-condensing
COMMISSIONING	Dials under lens

SENSOR COVERAGE PATTERNS

8' height: ø20' coverage



SENSOR DETAIL



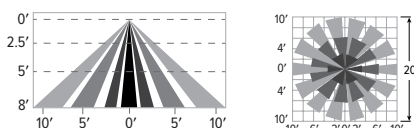
Dimensions: ø1-5/16"

OCCWS-LMFS-601-PP-120/277 Wattstopper PIR motion and daylight sensor with power pack, 120/277V

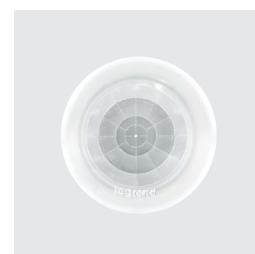
SPECIFICATIONS	
TYPE	PIR Motion + Daylight
MOUNTING HEIGHT	8' – 12'
LENS	Up to 300 sq/ft coverage
DETECTION ANGLE	360°
TEMPERATURE RANGE	0° to 50°C
RELATIVE HUMIDITY	0 to 90%, non-condensing
COMMISSIONING	App (iOS or Android)

SENSOR COVERAGE PATTERNS

8' height: ø20' coverage



SENSOR DETAIL



Dimensions: ø1-5/16"



MX4WUD^{LED} 4" Continuous Up/Down – Wall

ADDITIONAL DRIVER OPTIONS

Note: Lumen restrictions apply, consult product builder at hew.com/product-builder

CATALOG NUMBER	DESCRIPTION
DRV	Driver without external dimming wires prewired for non-dimming applications; entire fixture switches together
DIM	Driver with external dimming wires prewired for 0-10V low voltage applications; entire fixture switches and dims together
DRVU/DRV	Driver without external dimming wires prewired for non-dimming applications; up and down portions switch separately
DRVU/DIM	Driver without external dimming wires prewired for non-dimming applications; up and down switch separately; external dimming wires on down portion only
DIMU/DRV	Up and down portions switch separately; driver with external dimming wires prewired for 0-10V low voltage applications on up portion only
DIMU/DIM	Driver with external dimming wires prewired for 0-10V low voltage applications; up and down portions switch and dim separately
DRV DIMU	Entire fixture switches together; driver with external dimming wires prewired for 0-10V low voltage applications on up portion only
DRV DIM	Entire fixture switches together; driver with external dimming wires prewired for 0-10V low voltage applications on down portion only
DIM1	1% driver with external dimming wires prewired for 0-10V low voltage applications
DIM LINE	Line voltage dimming driver (TRIAC and ELV compatible, 120V only)
DIM TRC	Line voltage dimming driver (TRIAC compatible, 120V only)
DIM LINEU/DIM LINED	Line voltage switching and line voltage dimming; up and down portions switch separately
DIM LINEU/DRV	Up and down portions switch separately; line voltage dimming on up portion only
DRVU/DIM LINED	Up and down portions switch separately; line voltage dimming on down portion only
DA	Driver with 12V auxiliary power, without external dimming wires. Up and down switch together.
DA-U/D	Driver with 12V auxiliary power, without external dimming wires. Up and down switch separately.
DSR	Sensor-ready driver without external dimming wires (D4i DALI-2). Up and down switch together.
DSR-U/D	Sensor-ready driver without external dimming wires (D4i DALI-2). Up and down switch separately.

