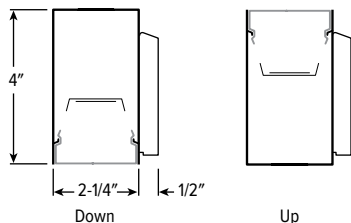
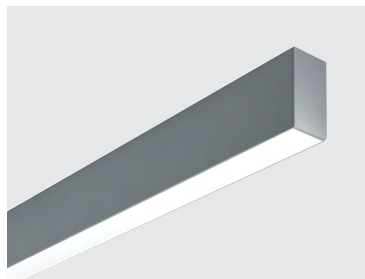


MX2W^{LED} 2" Continuous – Wall



CATALOG #: _____

TYPE: _____

PROJECT: _____



FEATURES

- Create elegant spaces with a seamless, continuous row of illumination in an ADA Compliant design
- Specify in one inch increments to create a perfect fit
- Flat, glowing edge, drop and regressed lenses give designers a variety of looks
- High-performance up to 124 lm/W
- Linear extrusion contains snap-in light rails for ease of installation and maintenance
- Wall bracket design evenly spaces fixtures automatically
- Factory installed row alignment system creates straight rows with ease.
- Versatile MX2 system includes recessed, surface, suspended and in-wall mounting, see hew.com
- Wireless in-fixture control solutions available
- Available with BIOS® SkyBlue® technology to support proper daytime circadian stimulus
- 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. Reported L70: >54,000 hours. Reported L90: 52,000 hours. Estimated L70: 170,000 hours. 25°C maximum ambient operating temperature.
- MOUNTING** – Wall mount. Powder coated, die-formed C.R.S. receiving bracket mounted to fixture which attaches to wall mounted bracket.
- LISTINGS** –
 - cCSAus certified as luminaire suitable for dry or damp locations.
 - ADA Compliant
 - Complies with the Buy American Act and other federal regulations. Request certification at hew.com/baa.
- WARRANTY** – 5-year limited warranty, see hew.com/warranty.

ORDERING EXAMPLE: MX2WU - 12'00 - L8/835 - F - OPTIONS - CONTROL/DIM - UNV

SERIES	ILLUMINATED LENGTH	LUMENS ^[1]	CRI	CCT	SHIELDING
MX2WD Down	Lengths specified in feet and inches using 1" increments, 2' minimum.	L4 400lm	8 80	27 2700K	F Flat, diffuse acrylic
MX2WU Up	Example: 12'00 = 12'-0"	L8 800lm	9 90 ^[2]	30 3000K	G Diffuse acrylic with glowing edge
		L12 1200lm		35 3500K	D Diffuse acrylic with 1" drop ^[3]
				40 4000K	R Regressed diffuse acrylic, 1" ^[4]
				50 5000K	FA Flat, diffuse acrylic with asymmetric optic ^[5]

PRODUCT BUILDER
Simplify ordering & layout design with the Williams Linear Product Builder at hew.com/product-builder

OPTIONS

See page 3 for **FINISH OPTIONS**.

EM/10WLP	Low-profile 10-watt emergency battery ^[7]
EM/10WRM	Remote mount 10-watt emergency battery ^[8]
(L___)	Additional lower lumen packages available ^[9]
	Example: 600 lumens = MX2WU-12'00-L8/835-(L6)

CONTROL^[6]

See page 5 for **ADDITIONAL CONTROL OPTIONS**.

–	None
AVI-LVFA	Avi-on wireless fixture control ^[10]
AVI-LVFA-CS2-PIR	Avi-on wireless fixture control with PIR motion and daylight sensor ^[11]
AWNRR	Lutron Athena wireless node integral fixture control, RF only ^[12]
AWNRS	Lutron Athena wireless node integral fixture control, RF with daylight and occupancy sensing ^[13]

DRIVER

See page 6 for **ADDITIONAL DRIVER OPTIONS**.

DIM	Driver with external dimming wires	120 120V
DA	Driver with 12V auxiliary power, without external dimming wires ^[14]	277 277V
DSR	Sensor-ready driver without external dimming wires (D4i DALI-2) ^[15]	UNV 120-277V
		347 347V ^[16]

VOLTAGE

NOTES

- Lumens per foot output based on F Shielding, 80 CRI/3500K CCT. Actual performance may vary ± 5%. See page 2 for **FIXTURE PERFORMANCE DATA**. Additional lumen packages available, see Options.
- Extended lead times may apply. Consult factory for availability.
- MX2WD only.
- Increases fixture height. See page 3 for **SHIELDING DETAILS**.
- MX2WU only.
- 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**.
- Not available with fixtures less than 4'.
- See page 3 for **MOUNTING DETAILS**.
- (L4) lumen package minimum. Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
- DA Driver only.
- DA Driver only.
- DA and DSR Drivers only.
- DA and DSR Drivers only.
- Avi-on and Lutron Athena Controls only.
- Lutron Vive and Athena Controls only.
- Not available with EM batteries, control sensors, DA, or DSR Drivers.



MX2W^{LED} 2" Continuous – Wall

FIXTURE PERFORMANCE DATA

	DOWN (PER FOOT)			UP (PER FOOT)		
	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
L4	375.8	3.4	111	416.9	3.4	123
L8	751.5	6.7	112	833.8	6.7	124
L12	1127.3	10.1	112	1250.8	10.1	124

- Photometrics tested in accordance with IESNA LM-79. Results based on F shielding 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 table to calculate additional options.

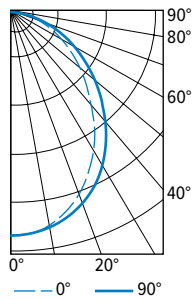
MULTIPLIER TABLES

	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	0.80
	3000K	0.82
	3500K	0.83
	4000K	0.86
	5000K	0.89

SHIELDING	
LENS	CONVERSION FACTOR
F	1.00
G	0.98
D	1.05
R	0.91
FA	0.96

PHOTOMETRY

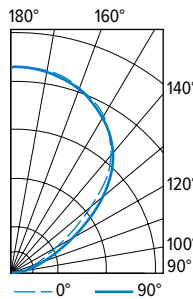
MX2WD-4'00-L8/835-F-DIM Total Luminaire Output: 3006 lumens; 27 Watts | Efficacy: 111 lm/W | 80 CRI; 3500K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	1329	1329	1329	
5	1319	1319	1318	125
15	1258	1246	1225	351
25	1134	1095	1050	405
35	945	888	836	557
45	730	668	613	519
55	523	475	430	428
65	338	304	276	304
75	171	157	145	168
85	42	45	46	50
90	1	4	5	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	981	33
	0 - 40	1537	51
	0 - 60	2484	83
	0 - 90	3006	100
	0 - 180	3006	100

MX2WU-4'00-L8/835-F-DIM Total Luminaire Output: 3335 lumens; 27 Watts | Efficacy: 124 lm/W | 80 CRI; 3500K CCT

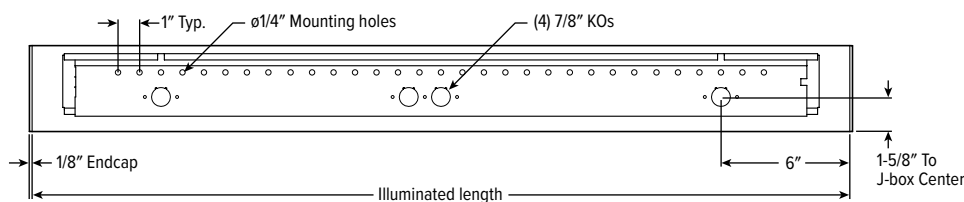


VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
90	6	7	7	
95	49	29	25	38
105	152	117	103	132
115	310	265	225	268
125	580	552	460	478
135	884	873	832	663
145	1096	1099	1088	683
155	1229	1234	1246	570
165	1318	1320	1331	373
175	1358	1350	1359	129
180	1356	1356	1356	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	90 - 120	438	13
	90 - 130	916	28
	90 - 150	2263	68
	90 - 180	3335	100
	0 - 180	3335	100

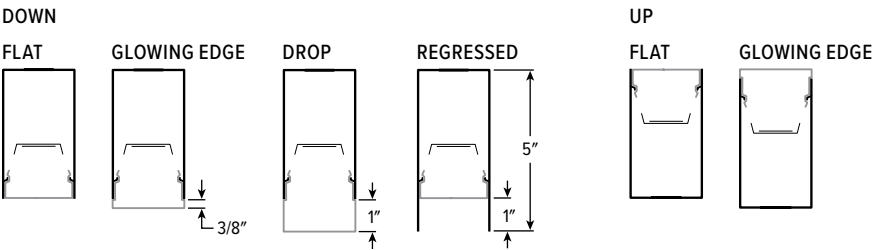
FIXTURE DETAILS

BACK VIEW

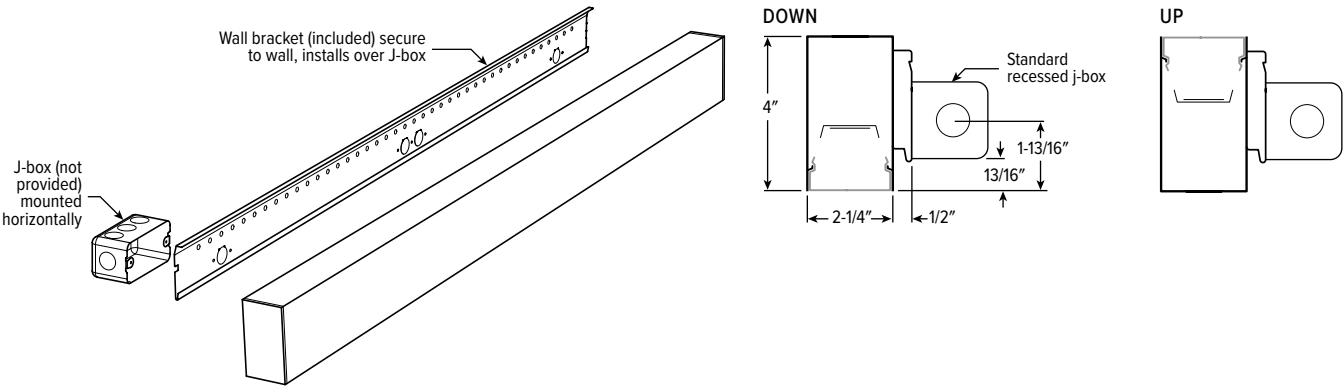


MX2W^{LED} 2" Continuous – Wall

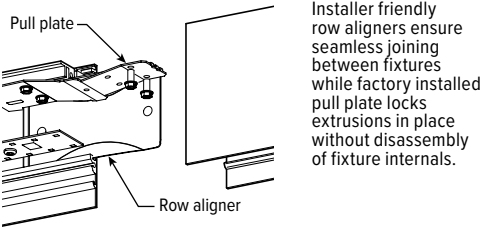
SHIELDING DETAILS



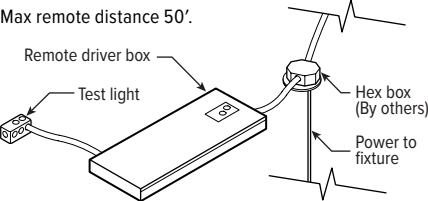
MOUNTING DETAILS



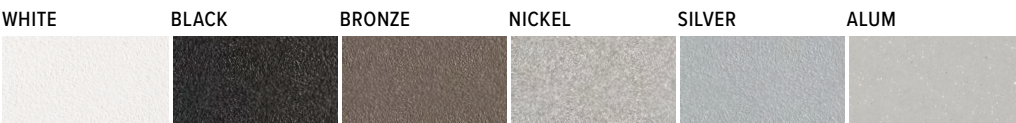
ROW ALIGNMENT SYSTEM



REMOTE MOUNT BATTERY

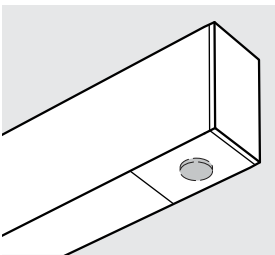


FINISH OPTIONS



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

SENSOR & NODE PLACEMENT DETAILS



MX2W^{LED} 2" Continuous – Wall

AVI-ON BLUETOOTH WIRELESS CONTROL DETAILS

FEATURES

Simple

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

Scalable

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

Secure

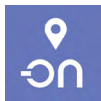
- Optional cloud connectivity
- UL IoT platinum security rating
- DLC 5.0 compliant

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

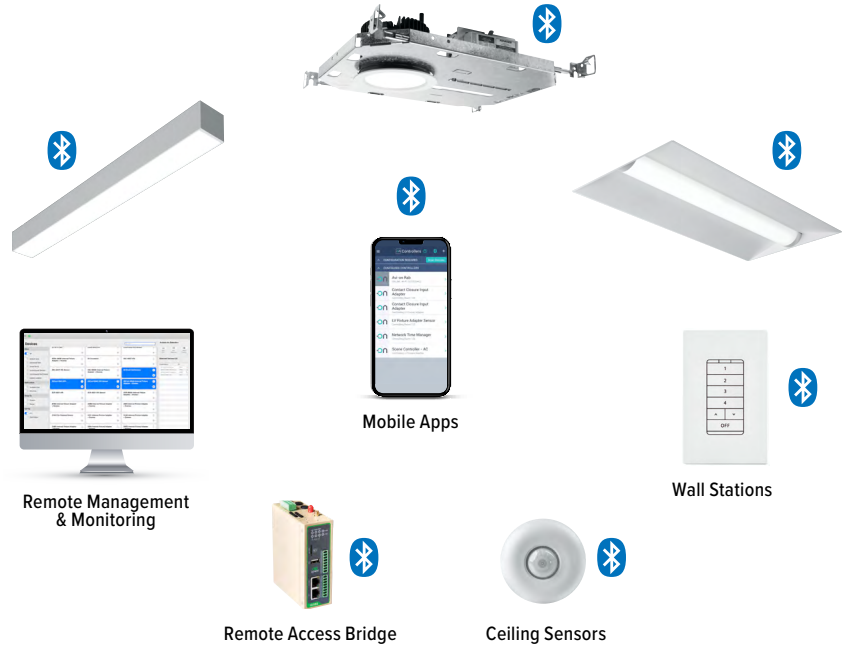


Zone Scanner
Web App



Commissioning
Pro App

SYSTEM COMPONENTS



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ACCESSORIES

WALL STATIONS	
AVI-2401AC	Scene controller - numbered 1-4, 120-277VAC
AVI-2402BAT	Scene controller - numbered 1-4, battery powered
AVI-2401AC-2	Dimmer with presets - percentages, 120-277VAC
AVI-2402BAT-2	Dimmer with presets - percentages, battery powered
AVI-2401AC-3	On/off/dimming, 120-277VAC
AVI-2402BAT-3	On/off/dimming, battery powered

NETWORK	
AVI-RAB-LTE	Remote access bridge
AVI-KIT-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

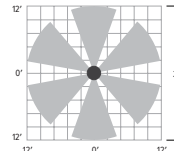
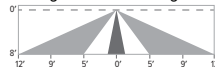
AVI-LVFA-CS2-PIR Avi-on wireless fixture control with PIR motion and daylight sensor. DA Driver only.

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"



MX2W^{LED} 2" Continuous – Wall

ADDITIONAL CONTROL OPTIONS

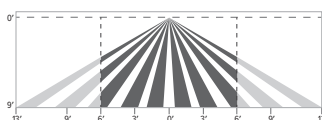
AWNS Lutron Athena wireless node integral fixture control, RF with daylight and occupancy sensing. DA and DSR Drivers only.

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

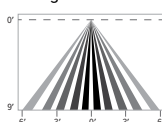
CATALOG NUMBER	DESCRIPTION
AWNDR	Lutron Athena wireless node integral fixture control, RF only, for use with D4i DALI-2 or driver with 12V auxiliary power
AWNS	Lutron Athena wireless node integral fixture control, RF with daylight and occupancy sensing, for use with D4i DALI-2 or driver with 12V auxiliary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

VDO Lutron Vive integral fixture control, RF with daylight and occupancy sensor (DFCSJ-OEM-OCC). DSR or LDE Drivers only. LDE drivers require driver interface

SPECIFICATIONS	
TYPE	PIR Motion + Daylight
MOUNTING HEIGHT	8' – 12'
DETECTION ANGLE	360°
TEMPERATURE RANGE	0° to 55°C
RELATIVE HUMIDITY	0 to 90%, non-condensing
COMMISSIONING	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: 2-11/16" x 1"

VIVE CONTROL OPTIONS

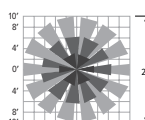
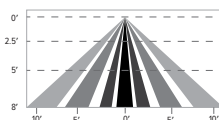
CATALOG NUMBER	DESCRIPTION
VRF	Lutron Vive integral fixture control, RF only (DFCSJ-OEM-RF), for use with sensor-ready driver
VDO	Lutron Vive integral fixture control, RF with daylight and occupancy sensor (DFCSJ-OEM-OCC), for use with sensor-ready driver
VRF/DBI	Lutron Vive integral fixture control, RF only (DFCSJ-OEM-RF) and digital link interface, for use with Lutron Hi-lume 1% EcoSystem dimming LED driver
VDO/DBI	Lutron Vive integral fixture control, RF with daylight and occupancy sensor (DFCSJ-OEM-OCC) and digital link interface, for use with Lutron Hi-lume 1% EcoSystem dimming LED driver

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

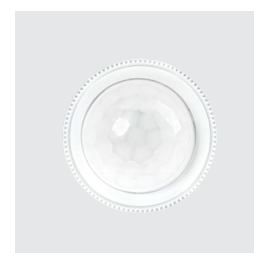
SPECIFICATIONS	
TYPE	PIR Motion + Daylight Hold Off
MOUNTING HEIGHT	8'
LENS	Indoor, non-wet location use
DETECTION ANGLE	360°
TEMPERATURE RANGE	-40° to 55°C
RELATIVE HUMIDITY	5% to 95%, non-condensing
COMMISSIONING	Dials under lens

SENSOR COVERAGE PATTERNS

8' height: ø20' coverage



SENSOR DETAIL



Dimensions: ø1-5/16"

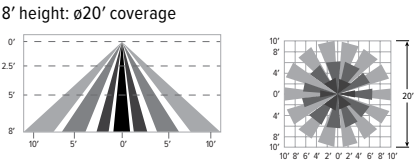


MX2W^{LED} 2" Continuous – Wall

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



SENSOR DETAIL



Dimensions: ø1-5/16"

ADDITIONAL DRIVER OPTIONS

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

CATALOG NUMBER	DESCRIPTION
DIM	Dimming driver prewired for 0-10V low voltage applications
DIM1	1% dimming driver 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)
DA	Driver with 12V auxiliary power
DSR	Sensor-ready driver (D4i DALI-2)
SD40	40% step-dimming driver
SD50	50% step-dimming driver
DALI	DALI dimming driver
LDE1	Lutron Hi-lume 1% EcoSystem dimming LED driver

