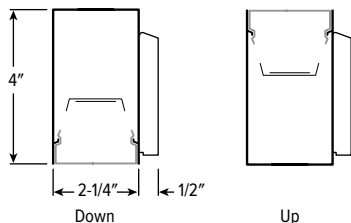
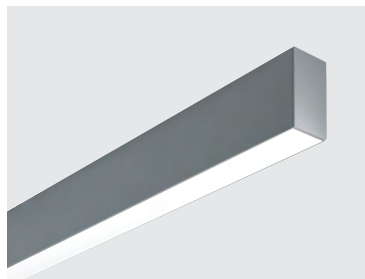


# MX2W tunable WHITE

## 2" Continuous – Wall



CATALOG #: \_\_\_\_\_

TYPE: \_\_\_\_\_

PROJECT: \_\_\_\_\_



### FEATURES

- Support human-centric design with adaptive, individualized lighting using tunable white light
- 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 132 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](http://hew.com)
- Diffuse acrylic lens provides uniform illumination for visual comfort
- Made Right Here® in the USA

### ORDERING EXAMPLE: MX2WU - 12'00 - L8/8TW - F - OPTIONS - CONTROL/DALI - UNV

SERIES	ILLUMINATED LENGTH	LUMENS <sup>[1]</sup>	COLOR	SHIELDING
MX2WD Down	Lengths specified in feet and inches using 1" increments, 2' minimum. Example: 12'00 = 12'-0"	L8 800lm	8TW Tunable white (80 CRI, 3000K-5000K)	F Flat, diffuse acrylic
MX2WU Up				G Diffuse acrylic with glowing edge
				D Diffuse acrylic with 1" drop <sup>[2]</sup>
				R Regressed diffuse acrylic, 1" <sup>[3]</sup>
				FA Flat, diffuse acrylic with asymmetric optic <sup>[4]</sup>

**PRODUCT BUILDER**  
Simplify ordering & layout design with the Williams Linear Product Builder at [hew.com/product-builder](http://hew.com/product-builder)

OPTIONS	CONTROL	DRIVER <sup>[5]</sup>	VOLTAGE
See page 3 for FINISH OPTIONS.	– None	DALI Driver prewired for DALI applications	120 120V 277 277V
EM/10WLP Low-profile 10-watt emergency battery <sup>[6]</sup>	See page 4 for Additional Control Options. <sup>[9]</sup>	DIM (1) 0-10V signal to control dimming (1) 0-10V signal to control CCT	UNV 120-277V
EM/10WRM Remote mount 10-watt emergency battery <sup>[7]</sup>		DMX Driver prewired for DMX applications	
(L___) Additional lower lumen packages available <sup>[8]</sup> Example: 600 lumens = MX2WU-12'00-L8/8TW-(L6)		PSQ Lutron T-Series 2-channel tunable white 1%	

### 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 board. L70 > 60,000 hours per IES TM-21. Tunable White products use LEDs of multiple CCTs and may produce a perceptibly different shade of white from single-CCT products at the same CCT. All CCTs are within 3 MacAdam ellipses.
- 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](http://hew.com/baa).
- WARRANTY – 5-year limited warranty, see [hew.com/warranty](http://hew.com/warranty).

### NOTES

- Lumens per foot output based on F Shielding, 80 CRI/4000K CCT. Actual performance may vary ± 5%. See page 2 for FIXTURE PERFORMANCE DATA. Additional lumen packages available, see Options.
- MX2WD only.
- Increases fixture height. See page 3 for SHIELDING DETAILS.
- MX2WU only.

- See page 4 for DRIVER 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.
- See page 4 for SENSOR PLACEMENT DETAILS.



# MX2W tunable WHITE

## 2" Continuous – Wall

### FIXTURE PERFORMANCE DATA

DOWN (PER FOOT)			
	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
L8	785	6.6	119

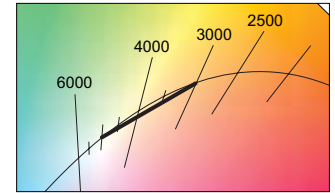
  

UP (PER FOOT)			
	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
L8	865	6.6	131

### MULTIPLIER TABLES

CCT	CONVERSION FACTOR	
	LUMENS	WATTAGE
3000K	0.95	1.04
3500K	0.98	1.02
4000K	1.00	1.00
5000K	0.96	1.04

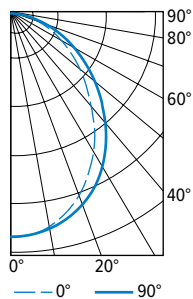
SHIELDING	
LENS	CONVERSION FACTOR
F	1.00
G	0.98
D	1.05
R	0.91
FA	0.96



- Photometrics tested in accordance with IESNA LM-79. Results based on F shielding, 80 CRI/4000K 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.

### PHOTOMETRY

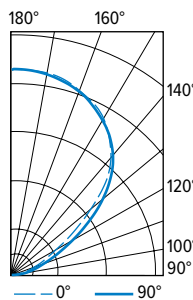
**MX2WD-4'00-L8/8TW-F-DALI** Total Luminaire Output: 3140 lumens; 26.4 Watts | Efficacy: 118.9 lm/W | 80 CRI; 4000K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	1389	1389	1389	
5	1378	1378	1377	131
15	1314	1302	1280	367
25	1185	1144	1097	527
35	987	928	874	582
45	763	698	640	542
55	546	496	449	447
65	354	318	288	318
75	179	164	152	176
85	43	47	48	52
90	1	4	5	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1024	33
	0 - 40	1066	51
	0 - 60	2595	83
	0 - 90	3140	100
	0 - 180	3140	100

**MX2U-4'00-L8/8TW-F-DALI** Total Luminaire Output: 3460 lumens; 26.4 Watts | Efficacy: 131.1 lm/W | 80 CRI; 4000K CCT

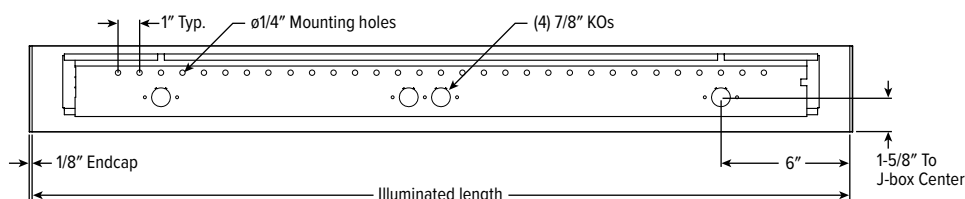


VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
90	6	7	8	
95	51	30	26	39
105	157	122	106	137
115	322	275	234	278
125	602	572	477	496
135	917	906	863	688
145	1137	1140	1129	709
155	1275	1280	1293	591
165	1367	1370	1381	387
175	1409	1401	1410	134
180	1407	1407	1407	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	90 - 120	455	13
	90 - 130	951	28
	90 - 150	2348	68
	90 - 180	3460	100
	0 - 180	3460	100

### FIXTURE DETAILS

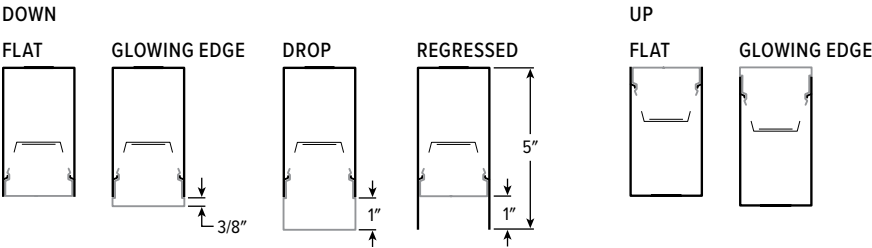
#### BACK VIEW



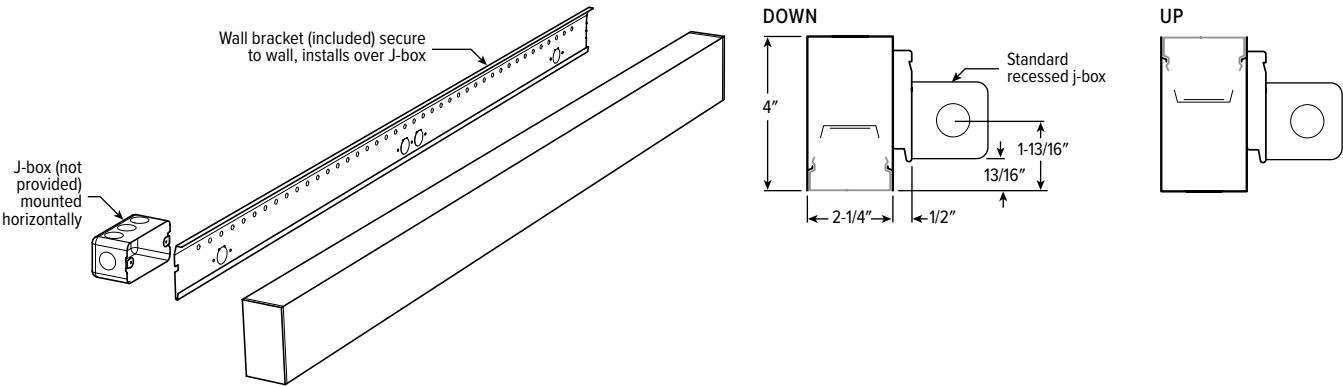
# MX2W tunable WHITE

## 2" Continuous – Wall

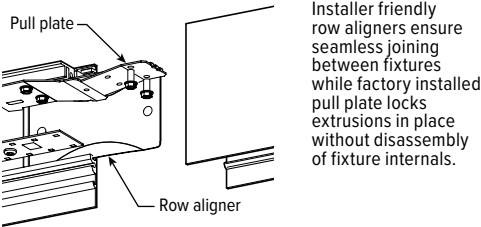
### SHIELDING DETAILS



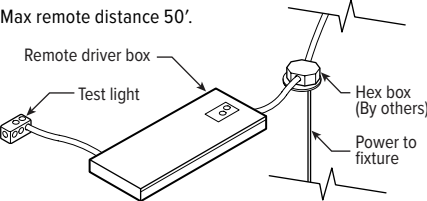
### MOUNTING DETAILS



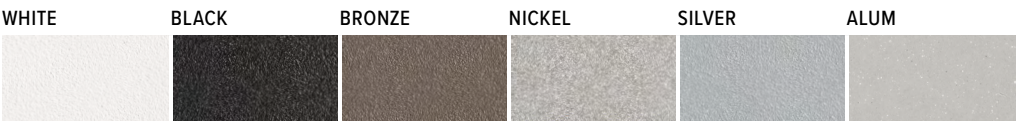
### ROW ALIGNMENT SYSTEM



### REMOTE MOUNT BATTERY



### FINISH OPTIONS



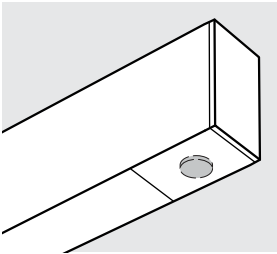
For custom color, please specify RAL code or a manufacturer code with description. All custom colors other than RAL require two sample swatches, minimum 1" square.



# MX2W tunable WHITE

## 2" Continuous – Wall

### SENSOR PLACEMENT DETAILS



### ADDITIONAL CONTROL OPTIONS

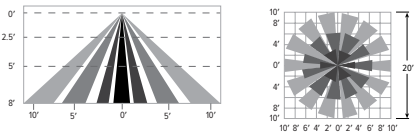
Sensor recommended for use in downlight orientation only. Reduces portion of lit fixture, consult factory.

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

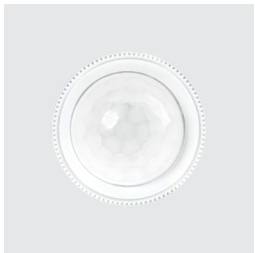
SPECIFICATIONS	
TYPE	PIR Motion + Daylight Hold Off
MOUNTING HEIGHT	8'
LENS	Indoor, non-wet location use
DETECTION ANGLE	360°
TEMPERATURE RANGE	-40° to 55°C
RELATIVE HUMIDITY	5% to 95%, non-condensing
COMMISSIONING	Dials under lens

### SENSOR COVERAGE PATTERNS

8' height: ø20' coverage



### SENSOR DETAIL



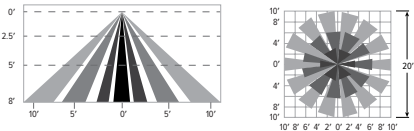
Dimensions: ø1-5/16"

**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



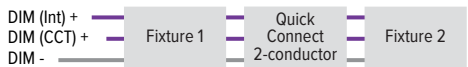
### SENSOR DETAIL



Dimensions: ø1-5/16"

### DRIVER DETAILS

#### DIM



#### DALI



#### DMX



#### LUTRON T-SERIES

