

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

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

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

## FEATURES

- Tunable white from 3000K to 5000K CCT, minimum 80 CRI
- Create elegant spaces with a seamless, continuous row of illumination
- Specify in one inch increments to create a perfect fit
- Flat, glowing edge, drop and regressed lenses give designers a variety of looks
- Maximize energy savings with efficacies as high as 123 lm/W
- Linear extrusion contains snap-in light rails for ease of installation and maintenance
- Versatile MX2 system includes recessed, surface, suspended and in-wall mounting, see [hew.com](http://hew.com)
- Factory installed row alignment system creates straight rows with ease
- Corner configurations available, see Product Builder at [hew.com/product-builder](http://hew.com/product-builder)
- Diffuse acrylic lens provides uniform illumination for visual comfort
- Made Right Here<sup>®</sup> 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 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** – Surface.
- LISTINGS** – cCSAus certified as luminaire suitable for dry or damp locations.
- WARRANTY** – 5-year limited warranty, see [hew.com/warranty](http://hew.com/warranty).

## ORDERING EXAMPLE: MX2S - 12'00 - L8/8TW - F - OPTIONS - CONTROL - DALI - UNV

### SERIES LENGTH

**MX2S** Lengths specified in feet and inches using 1" increments, 2' minimum.  
Example: 12'00 = 12'-0"

### Product Builder

Easily build shapes & simplify ordering with the Williams Linear Product Builder at [hew.com/product-builder](http://hew.com/product-builder)<sup>(1)</sup>



LUMENS <sup>(2)</sup>	COLOR	SHIELDING <sup>(3)</sup>
L8 800lm	8TW Tunable white (80 CRI, 3000K-5000K)	F Flat, diffuse acrylic G Diffuse acrylic with glowing edge D Diffuse acrylic with 1" drop R Regressed diffuse acrylic, 1" <sup>(4)</sup>

### OPTIONS<sup>(5)</sup>

**EM/7WLP** Low-profile 7-watt emergency battery<sup>(7)</sup>  
**EM/7WRM** Remote mount 7-watt emergency battery  
**EM/10WLP** Low-profile 10-watt emergency battery<sup>(8)</sup>  
**EM/10WRM** Remote mount 10-watt emergency battery  
**(L\_\_)** Additional lower lumen packages available<sup>(9)</sup>  
 Example: 600 lumens = MX2S-12'00-L8/8TW-(L6)

### CONTROL<sup>(6)</sup>

– None  
**WS FS-305-L6-PP-120/277** Wattstopper PIR motion and daylight hold off sensor with power pack, 120/277V  
**WS LMFS-601-PP-120/277** Wattstopper PIR motion and ãç120/277V  
**SS SFR-7-120/277** Sensor Switch PIR motion sensor, 120/277V

### DRIVER<sup>(10)</sup>

**DALI** Driver prewired for DALI applications  
**DIM** (1) 0-10V signal to control dimming  
 (1) 0-10V signal to control CCT  
**DMX** Driver prewired for DMX applications  
**PSQ** Lutron T-Series 2-channel tunable white 1%

### VOLTAGE

**120** 120V  
**277** 277V  
**UNV** 120-277V

## NOTES

- See page 4 for CORNER DETAILS.
- Lumens per foot output based on 80 CRI, 4000K CCT and F shielding. Actual lumens may vary ± 5%. See page 2 for FIXTURE PERFORMANCE DATA. Additional lumen packages available, see Options.
- G, D, and R Shielding not available with corner configurations. See page 4 for SHIELDING DETAILS.
- Increases fixture height. See page 4 for SHIELDING DETAILS.
- See page 4 for FINISH OPTIONS. Custom colors available upon request.
- Reduces portion of lit fixture, consult factory. See page 2 for CONTROL DETAILS.
- Not available with fixtures less than 4'.
- Not available with fixtures less than 4'.
- (L4) lumen package minimum. Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
- See page 3 for DRIVER DETAILS.



# MX2S tunable WHITE

## 2" Continuous – Surface

### FIXTURE PERFORMANCE DATA

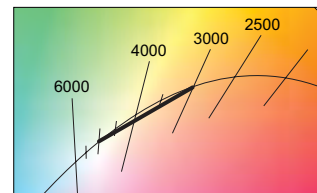
L8	PER FOOT		
	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
	810	6.6	123.3

- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
- Wattage shown is average for 120V through 277V input.
- Results based on 4000K, 80 CRI, actual lumens may vary +/-5%
- Use multiplier tables to calculate additional options.

### MULTIPLIER TABLES

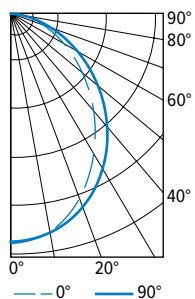
CCT	CONVERSION FACTOR	
	LUMENS	WATTAGE
3000K	0.95	1.04
3500K	0.98	1.02
4000K	1.00	1.00
5000K	0.96	1.04

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



### PHOTOMETRY

MX2S-4'00-L8/8TW-F-DALI Total Luminaire Output: 3240 lumens; 26.4 Watts | Efficacy: 123 lm/W | 80 CRI; 3500K CCT

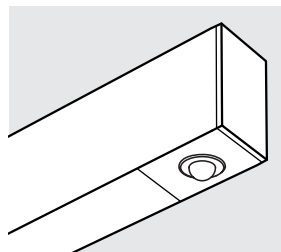


VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	1432	1432	1432	
5	1419	1423	1426	135
15	1348	1335	1321	375
25	1209	1167	1125	536
35	1016	953	898	597
45	797	732	674	566
55	575	518	471	466
65	367	328	297	328
75	185	170	158	182
85	46	50	50	56
90	6	11	12	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
		0 - 30	1046
	0 - 40	1643	51
	0 - 60	2675	83
	0 - 90	3240	100
	0 - 180	3240	100

### CONTROL DETAILS

#### SENSOR PLACEMENT

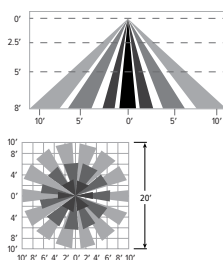


### WS FS-305-L6-PP-120/277

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
MANUFACTURER	Wattstopper

#### SENSOR COVERAGE PATTERNS

8' height: ø20' coverage



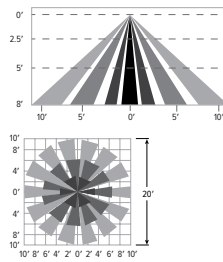
# MX2S tunable WHITE 2" Continuous – Surface

WS LMFS-601-PP-120/277

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)
MANUFACTURER	Wattstopper

## SENSOR COVERAGE PATTERNS

8' height: ø20' coverage

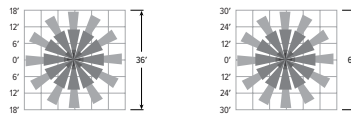


SS SFR-7-120/277

SPECIFICATIONS	
TYPE	PIR Motion
MOUNTING HEIGHT	8' – 20'
DETECTION ANGLE	360°
TEMPERATURE RANGE	-10° to 60°C
RELATIVE HUMIDITY	0 to 90%, non-condensing
COMMISSIONING	Single push button on sensor
MANUFACTURER	Sensor Switch

## SENSOR COVERAGE PATTERNS

9' height: ø36' coverage      15' height: ø60' coverage



## DRIVER DETAILS

### DIM



### DMX



### DALI

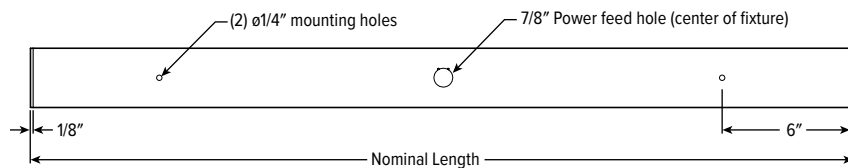


### LUTRON T-SERIES

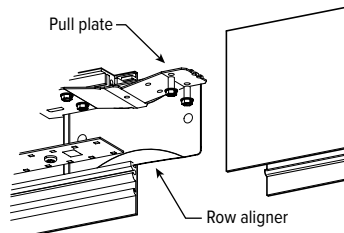


## FIXTURE DETAILS

### BACK VIEW



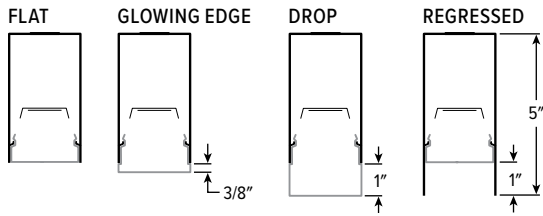
### ROW ALIGNMENT SYSTEM



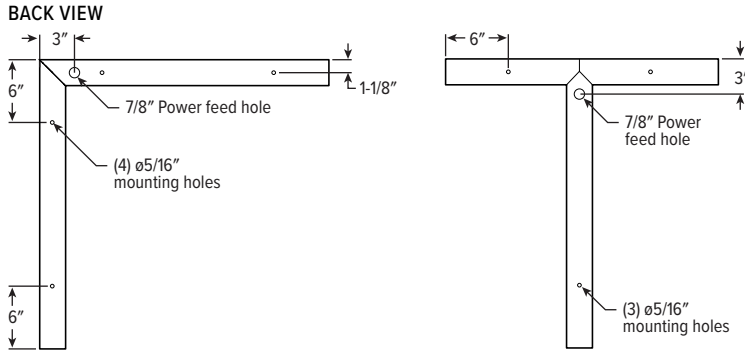
Installer friendly row aligners ensure seamless joining between fixtures while factory installed pull plate locks extrusions in place without disassembly of fixture internals.

# MX2S tunable WHITE 2" Continuous – Surface

## SHIELDING DETAILS

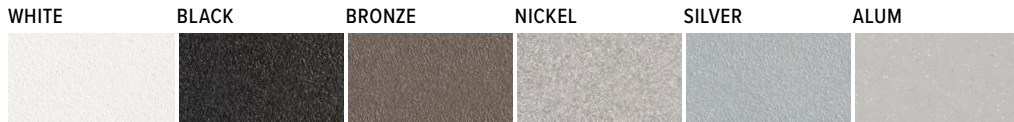


## CORNER DETAILS



Note: Corner orientation determined in field. Feeder corner end cap shipped separately.

## 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.