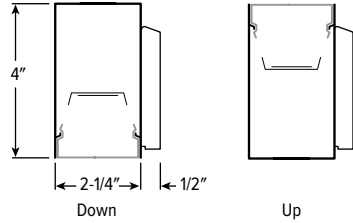
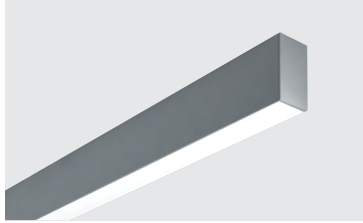


# MX2W LED 2" Continuous – Wall



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

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

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

## FEATURES

- 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 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](http://hew.com)
- Diffuse acrylic lens provides uniform illumination for visual comfort
- 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 –
  - cETLus conforms to UL STD 1598. Certified to CAN/CSA STD C22.2 No. 250.0. Suitable for damp locations.
  - DesignLights Consortium Premium qualified product. Not all versions of this product may be DLC Premium qualified, see the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL).
- WARRANTY – 5-year limited warranty, see [hew.com/warranty](http://hew.com/warranty).

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

SERIES	LENGTH	LUMENS <sup>[1]</sup>	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 <sup>[2]</sup>	30 3000K	G Diffuse acrylic with glowing edge
		L12 1200lm		35 3500K	D Diffuse acrylic with 1" drop <sup>[3]</sup>
				40 4000K	R Regressed diffuse acrylic, 1" <sup>[4]</sup>
				50 5000K	FW Flat, diffuse acrylic with widespread optic <sup>[5]</sup>
					FA Flat, diffuse acrylic with asymmetric optic <sup>[6]</sup>

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

## OPTIONS <sup>[7]</sup>

- EM/7WLP Low-profile 7-watt emergency battery <sup>[9]</sup>
- EM/7WRM Remote mount 7-watt emergency battery <sup>[10]</sup>
- EM/10WLP Low-profile 10-watt emergency battery <sup>[11]</sup>
- EM/10WRM Remote mount 10-watt emergency battery <sup>[12]</sup>
- OCC\_\_\_ Factory-installed occupancy sensor: <sup>[13]</sup> OCCWS FS-355-L6
- (L\_\_\_) Additional lower lumen packages available <sup>[14]</sup>  
Example: 600 lumens = MX2WU-12'00-L8/835-(L6)

## CONTROL <sup>[8]</sup>

- DIM Dimming driver
- VDO/DSR Lutron Vive integral fixture control, RF with daylight and occupancy sensor (DFCSJ-OEM-QCC) and sensor-ready driver <sup>[15]</sup>
- VRF/DSR Lutron Vive integral fixture control, RF only (DFCSJ-OEM-RF) and sensor-ready driver

## VOLTAGE

- 120 120V
- 277 277V
- UNV 120-277V
- 347 347V <sup>[16]</sup>

## NOTES

- <sup>1</sup> Lumens per foot output based on 80 CRI, 3500K CCT and F shielding. Actual lumens may vary ± 5%. See page 2 for FIXTURE PERFORMANCE DATA.
- <sup>2</sup> Extended lead times may apply. Consult factory for availability.
- <sup>3</sup> MX2WD only.
- <sup>4</sup> Increases fixture height. See page 4 for SHIELDING DETAILS.
- <sup>5</sup> MX2WD only.
- <sup>6</sup> MX2WU only.
- <sup>7</sup> See page 4 for FINISH OPTIONS. Custom colors available upon request.
- <sup>8</sup> See page 3 for ADDITIONAL CONTROL OPTIONS.
- <sup>9</sup> Not available with fixtures less than 4'.
- <sup>10</sup> For fixtures less than 4' only.
- <sup>11</sup> Not available with fixtures less than 4'.
- <sup>12</sup> For fixtures less than 4' only.
- <sup>13</sup> MX2WD only. Reduces portion of lit fixture, consult factory. See page 4 for FIXTURE DETAILS.
- <sup>14</sup> Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
- <sup>15</sup> MX2WD only. See page 4 for FIXTURE DETAILS.
- <sup>16</sup> Not available with EM drivers or OCC sensor.



# MX2W<sup>LED</sup> 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	110.5	416.9	3.4	122.6
L8	751.5	6.7	112.2	833.8	6.7	124.5
L12	1127.3	10.1	111.6	1250.8	10.1	123.8

- 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 F shielding, 3500K, 80 CRI, actual lumens may vary +/-5%.
- Use multiplier table to calculate additional options.

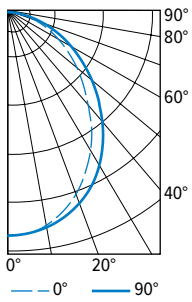
## MULTIPLIER TABLES

	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
FW	0.91
FA	0.96

## PHOTOMETRY

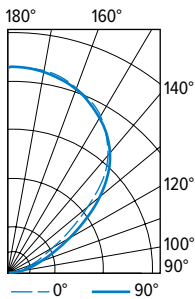
**MX2WD-4'00-L8/835-F-DIM** Total Luminaire Output: 3006 lumens; 27 Watts | Efficacy: 111 lm/W | 80 CRI; 3500K CCT



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
	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



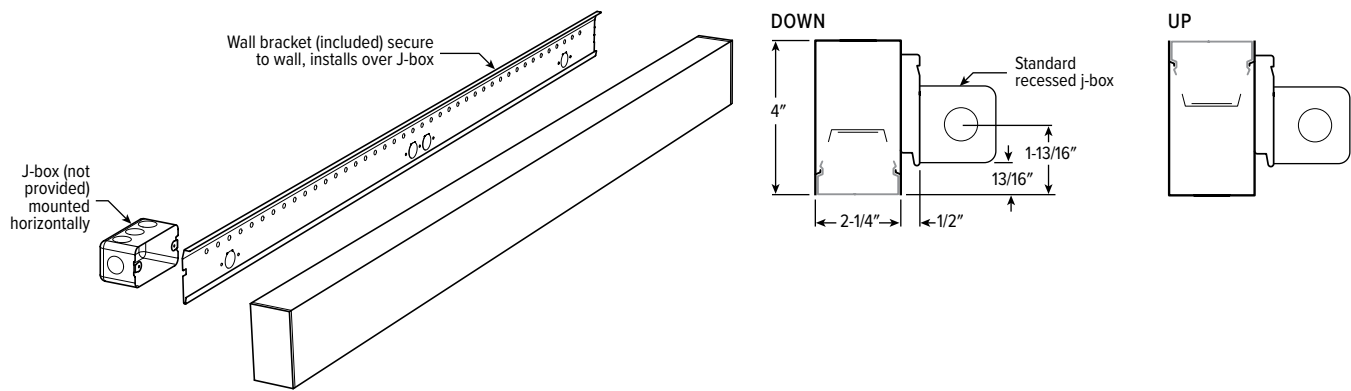
VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
90	6	7	7	
95	49	29	25	38
105	152	117	103	132
115	310	265	225	268
125	580	552	460	478
135	884	873	832	663
145	1096	1099	1088	683
155	1229	1234	1246	570
165	1318	1320	1331	373
175	1358	1350	1359	129
180	1356	1356	1356	

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

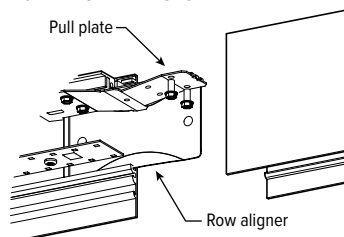


# MX2W LED 2" Continuous – Wall

## MOUNTING DETAILS



## 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.

## ADDITIONAL CONTROL OPTIONS

Note: Lumen restrictions apply, consult product builder at [hew.com/product-builder](http://hew.com/product-builder).

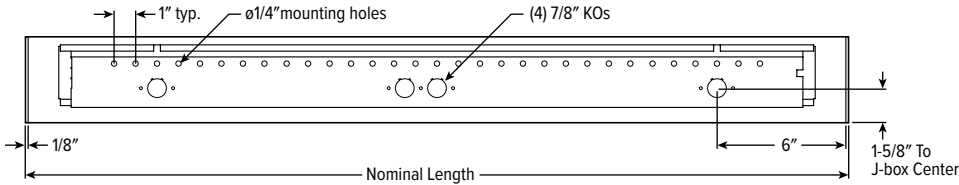
CATALOG NUMBER	DESCRIPTION
DIM	Dimming driver prewired for 0-10V low voltage applications
DIM1	1% dimming driver prewired for 0-10V low voltage applications
DIM LINE	Line voltage dimming driver (Must specify 120V or 277V only)
DSR	Sensor-ready driver
SD40	40% step-dimming driver
SD50	50% step-dimming driver
DALI	DALI dimming driver
LTE LINE	Lutron Hi-lume 1% 2-wire dimming driver forward phase line voltage controls (120V only)
LDE1	Lutron Hi-lume 1% EcoSystem dimming LED driver
LDE5	Lutron 5-Series 5% EcoSystem dimming LED driver
VDO/DSR	Lutron Vive integral fixture control, RF with daylight and occupancy sensor (DFCSJ-OEM-OCC) and sensor-ready driver
VRF/DSR	Lutron Vive integral fixture control, RF only (DFCSJ-OEM-RF) and sensor-ready driver
VDO/DBI/LDE1	Lutron Vive integral fixture control, RF with daylight and occupancy sensor (DFCSJ-OEM-OCC), Lutron Hi-lume 1% EcoSystem dimming LED driver, and digital link interface
VDO/DBI/LDE5	Lutron Vive integral fixture control, RF with daylight and occupancy sensor (DFCSJ-OEM-OCC), Lutron 5-Series 5% EcoSystem dimming LED driver, and digital link interface
VRF/DBI/LDE1	Lutron Vive integral fixture control, RF only (DFCSJ-OEM-RF), Lutron Hi-lume 1% EcoSystem dimming LED driver, and digital link interface
VRF/DBI/LDE5	Lutron Vive integral fixture control, RF only (DFCSJ-OEM-RF), Lutron 5-Series 5% EcoSystem dimming LED driver, and digital link interface
ELDO SOLOB	EldoLED Solodrive, 0.1% dimming driver for 0-10V controls
ELDO SOLOB DALI	EldoLED Solodrive, 0.1% dimming driver for DALI controls
ELDO ECO1	EldoLED Ecodrive, 1% dimming driver for 0-10V controls
ELDO ECO1 DALI	EldoLED Ecodrive, 1% dimming driver for DALI controls



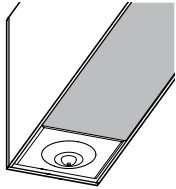
# MX2W LED 2" Continuous – Wall

## FIXTURE DETAILS

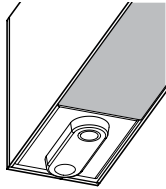
### BACK VIEW



### OCCUPANCY SENSOR



### VDO SENSOR



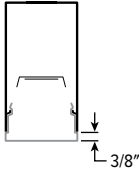
## SHIELDING DETAILS

### DOWN

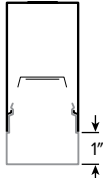
#### FLAT



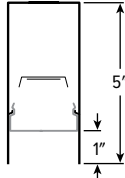
#### GLOWING EDGE



#### DROP



#### REGRESSED

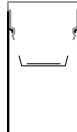


### UP

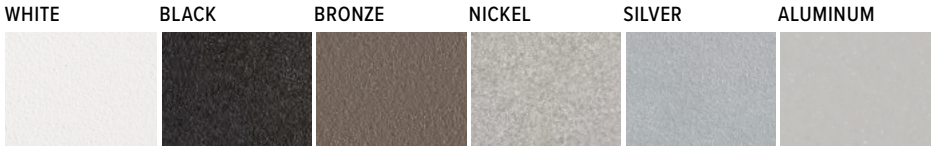
#### FLAT



#### GLOWING EDGE



## 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.

