MX2W PoE | tunable WHITE
2" Continuous — Wall

Williams

4"

2-1/4" ← → | 1/2"

Down   Up

CATALOG #: _____

TYPE: _____

PROJECT: _____

BUY AMERICAN ACT COMPLIANT

ADA Compliant

FEATURES

- Deliver scalable, data-driven smart buildings with PoE-enabled fixtures and controls
- 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
- Linear extrusion contains snap-in light rails for ease of installation and maintenance
- Wall bracket design evenly spaces fixtures automatically
- Versatile MX2 system includes recessed, surface, suspended and in-wall mounting, see hew.com
- 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 board. L70 > 60,000 hours per IES TM-21. Low-voltage DC fixture, to be fed by Class 2 power supply. 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.
- WARRANTY – 5-year limited warranty, see hew.com/warranty.

SYSTEM REQUIREMENTS

- PoE-ready luminaires are connected to building power systems through network integration and require other components for complete PoE lighting system
- For additional PoE info, see hew.com/poe

ORDERING EXAMPLE: MX2WU ‑ 12'00 ‑ P8/835 ‑ F ‑ OPTIONS ‑ POE PR

SERIES	ILLUMINATED LENGTH	LUMENS [1]	CRI	CCT
MX2WD Down	Lengths specified in feet and inches using 1" increments, 2' minimum. Example: **12'00** = 12'-0"	**P8** 800lm	**8** 80	**27** 2700K
MX2WU Up			**9** 90 [2]	**30** 3000K
	PRODUCT BUILDER Simplify ordering & layout design with the Williams Linear Product Builder at hew.com/product-builder			**35** 3500K
				40 4000K
				50 5000K
				TW Tunable white (80 CRI, 3000K-5000K)

SHIELDING
- **F** Flat, diffuse acrylic
- **G** Diffuse acrylic with glowing edge
- **D** Diffuse acrylic with 1" drop [4]
- **R** Regressed diffuse acrylic, 1" [5]
- **FA** Flat, diffuse acrylic with asymmetric optic [6]

OPTIONS
See page 3 for FINISH OPTIONS.

CONTROL[3]
POE PR Power over Ethernet-ready

NOTES

1. Nominal lumens per foot output based on F Shielding, 80 CRI and 3500K for single CCT and 4000K for TW. Actual performance may vary ± 5%. See page 2 for FIXTURE PERFORMANCE DATA.
2. Extended lead times may apply. Consult factory for availability. Not available with Tunable White.
3. For additional PoE connection details, consult factory.
4. MX2WD only.
5. Increases fixture height. See page 3 for SHIELDING DETAILS.
6. MX2WU only.

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MX2W

PoE | tunable WHITE
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FIXTURE PERFORMANCE DATA

STANDARD - DOWNLIGHT (PER FOOT)

DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
776	6.3	123

TUNABLE WHITE - DOWNLIGHT (PER FOOT)

DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
778	6.3	123

STANDARD - UPLIGHT (PER FOOT)

DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
862	6.3	137

TUNABLE WHITE - UPLIGHT (PER FOOT)

DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
865	6.3	137

- Photometrics tested in accordance with IESNA LM-79. Results based on 80 CRI, 3500K CCT static white, 4000K CCT tunable white, and 25°C ambient temperature. Actual performance may vary +/-5%.
- Use multiplier tables to calculate additional options.

MULTIPLIER TABLES

COLOR TEMPERATURE

	CCT	LUMENS	
		STANDARD	TUNABLE WHITE
80 CRI	2700K	0.97	–
	3000K	0.99	0.95
	3500K	1.00	0.98
	4000K	1.03	1.00
	5000K	1.06	0.96
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
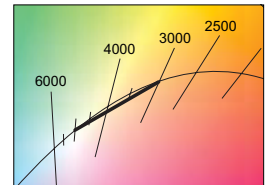
PHOTOMETRY

MX2WD-4'00-P8/835-F Total Luminaire Output: 3104 lumens; 25.2 Watts | Efficacy: 123.2 lm/W | 80 CRI; 3500K CCT
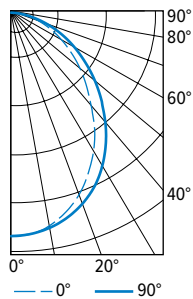
VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0º	45º	90º	
0	1373	1373	1373	
5	1362	1362	1361	130
15	1299	1287	1265	362
25	1171	1131	1085	521
35	976	917	864	575
45	754	690	632	536
55	540	491	444	442
65	350	314	285	314
75	176	162	150	174
85	43	46	47	52
90	1	4	5	

ZONE	LUMENS	% FIXTURE
0 - 30	1013	33
0 - 40	1588	51
0 - 60	2565	83
0 - 90	3104	100
0 - 180	3104	100

MX2WU-4'00-P8/835-F Total Luminaire Output: 3448 lumens; 25.2 Watts | Efficacy: 136.8 lm/W | 80 CRI; 3500K CCT
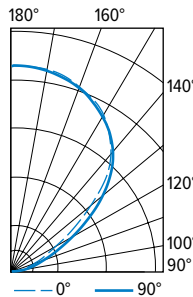
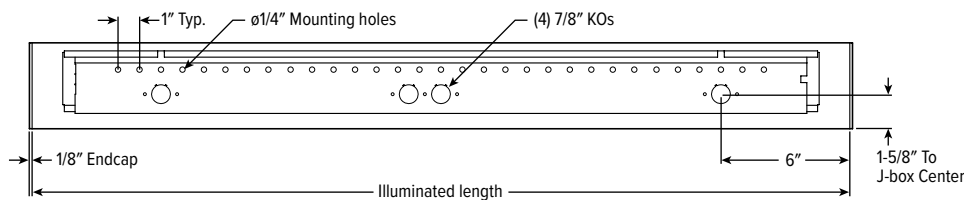| VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0º	45º	90º	
90	6	7	8	
95	51	30	26	39
105	157	121	106	137
115	321	275	233	277
125	600	570	476	494
135	914	903	860	686
145	1133	1136	1125	707
155	1271	1276	1289	589
165	1363	1365	1376	386
175	1404	1396	1406	133
180	1402	1402	1402	

ZONE	LUMENS	% FIXTURE
90 - 120	453	13
90 - 130	947	28
90 - 150	2340	68
90 - 180	3448	100
0 - 180	3448	100

FIXTURE DETAILS

BACK VIEW

1" Typ. ø1/4" Mounting holes (4) 7/8" KOs

1/8" Endcap

6"

1-5/8" To J-box Center

Illuminated length

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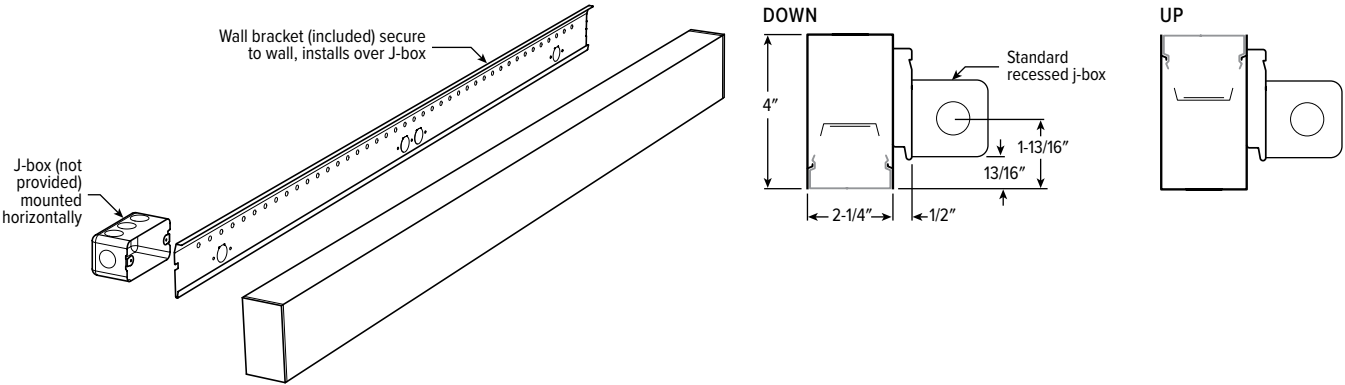Information contained herein is subject to change without notice.
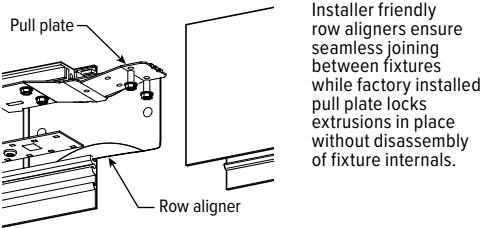Continuous
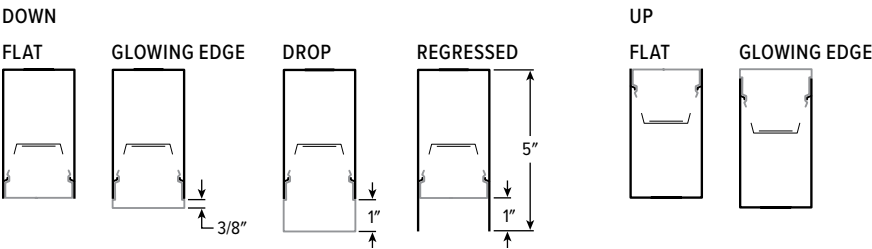Page 2 of 3

MX2W PoE | tunable WHITE
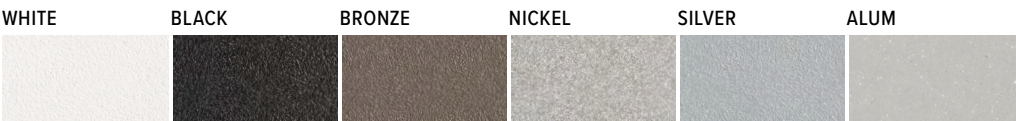## 2" Continuous – Wall

MOUNTING DETAILS

Wall bracket (included) secure to wall, installs over J-box

J-box (not provided) mounted horizontally

DOWN

4"

Standard recessed j-box

1-13/16"

13/16"

2-1/4"

1/2"

UP

ROW ALIGNMENT SYSTEM

Pull plate

Row aligner

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

SHIELDING DETAILS

DOWN

FLAT   GLOWING EDGE   DROP   REGRESSED

3/8"

1"

5"

1"

UP

FLAT   GLOWING EDGE

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 two sample swatches, minimum 1" square.

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