MX2S
PoE | tunable WHITE
2" Continuous – Surface

Williams

4"

2-1/4"

CATALOG #: _____

TYPE: _____

PROJECT: _____

FEATURES

- Create scalable, highly functioning smart buildings with Platformatics Power over Ethernet controls
- 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 127 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
- Corner configurations available, see Product Builder a hew.com/product-builder
- 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 – Surface.
- LISTINGS – cETLus conforms to UL STD 1598. Certified to CAN/CSA STD C22.2 No. 250.0. Suitable for damp locations.
- 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
- Consult factory for design support

PLATFORMATICS

ORDERING EXAMPLE: MX2S - 12'00 - P8/835 - F - OPTIONS - POE PR

SERIES
MX2S

LENGTH
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 [1]

LUMENS [2]	CRI	CCT	SHIELDING [3]	OPTIONS	CONTROL [4]
P8 800lm	**8** 80	**27** 2700K	**F** Flat, diffuse acrylic	See page 3 for FINISH OPTIONS.	**POE PR** Power over Ethernet, Platformatics-ready
	9 90 [5]	**30** 3000K	**G** Diffuse acrylic with glowing edge		
		35 3500K	**D** Diffuse acrylic with 1" drop		
		40 4000K	**R** Regressed diffuse acrylic, 1" [6]		
		50 5000K			
		TW Tunable white (80 CRI, 3000K-5000K)			

NOTES

1. See page 3 for CORNER DETAILS.
2. Nominal lumens per foot output based on F shielding, 80 CRI, and 3500K for single CCT and 4000K for TW. Actual lumens may vary ± 5%. See page 2 for FIXTURE PERFORMANCE DATA.
3. G, D, and R Shielding not available with corner configurations. See page 2 for SHIELDING DETAILS.
4. See page 3 for NODE CONNECTION DETAILS. For additional PoE info, see hew.com/poe.
5. Extended lead times may apply. Consult factory for availability. Not available with Tunable White.
6. Increases fixture height. See page 2 for SHIELDING DETAILS.

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FIXTURE PERFORMANCE DATA

STANDARD (PER FOOT)

DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
802	6.3	127.3

TUNABLE WHITE (PER FOOT)

DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
804	6.3	127.6

- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
- Standard results based on 3500K standard, 80 CRI, actual lumens may vary ±5%.
- Tunable white results based on 4000K standard, 80 CRI, actual lumens 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
FW	0.91
FA	0.96
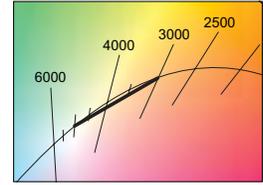
PHOTOMETRY

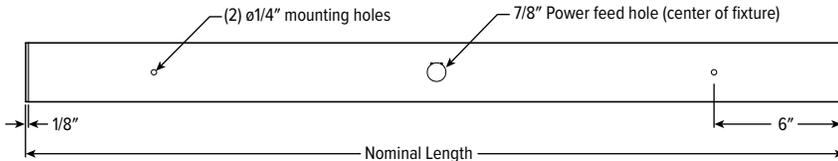**MX2S-4'00-P8/835-F** Total Luminaire Output: 3208 lumens; 25.2 Watts | Efficacy: 127.3 lm/W | 80 CRI; 3500K CCT
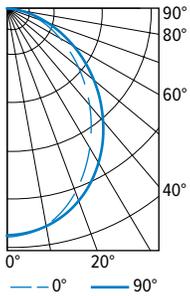
CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
		0º	45º	90º	
	0	1417	1417	1417	
	5	1405	1409	1412	133
	15	1335	1322	1308	372
	25	1197	1155	1114	531
	35	1006	944	889	591
	45	789	724	668	560
	55	569	513	466	462
	65	363	324	294	325
	75	183	168	156	180
	85	46	49	50	55
	90	6	10	12	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1036	32
	0 - 40	1627	51
	0 - 60	2648	83
	0 - 90	3208	100
	0 - 180	3208	100

FIXTURE DETAILS

BACK VIEW

(2) ø1/4" mounting holes

7/8" Power feed hole (center of fixture)

1/8"

6"

Nominal Length

ROW ALIGNMENT SYSTEM

Pull plate
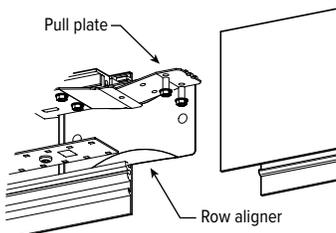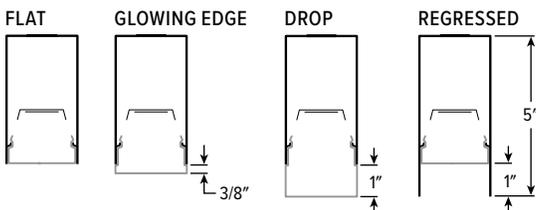
Row aligner

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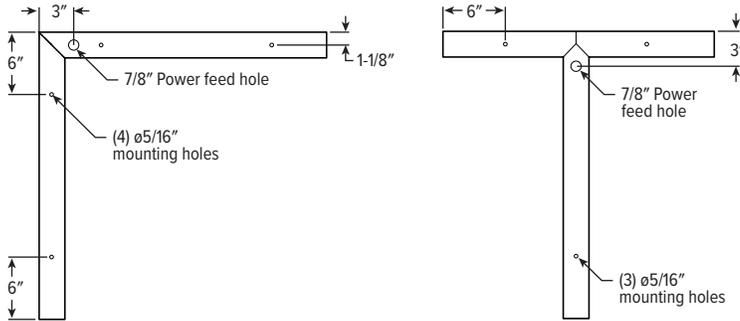
SHIELDING DETAILS

FLAT

GLOWING EDGE — 3/8"

DROP — 1"

REGRESSED — 5" / 1"

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CORNER DETAILS

BACK VIEW

3"

6"

6"

7/8" Power feed hole

(4) ø5/16" mounting holes

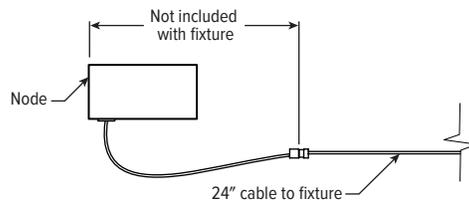1-1/8"

6"

3"

7/8" Power feed hole

(3) ø5/16" mounting holes

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

NODE CONNECTION DETAILS

Includes 24" cable with 4-position mating connector for Platformatics POE-LN2 node. See node spec sheet for details:
platformatics.com/product/poe-ln2

Node

Not included with fixture

24" cable to fixture

FINISH OPTIONS

WHITE	BLACK	BRONZE	NICKEL	SILVER	ALUMINUM

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.