MX2S tunable WHITE
2" Continuous – Surface

Williams

4"
2-1/4"

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
- Factory installed row alignment system creates straight rows with ease
- Corner configurations available, see Product Builder at hew.com/product-builder
- 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 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** – 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.

ORDERING EXAMPLE: MX2S - 12'00 - L8/8TW - F - OPTIONS - 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 [1]

LUMENS [2]	COLOR	SHIELDING [3]
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" [4]

OPTIONS [5]

EM/7WLP	Low-profile 7-watt emergency battery [7]
EM/7WRM	Remote mount 7-watt emergency battery [8]
EM/10WLP	Low-profile 10-watt emergency battery [9]
EM/10WRM	Remote mount 10-watt emergency battery [10]
OCC__	Factory-installed occupancy sensor: [11] **OCCWS FS-355-L6**
(L__)	Additional lower lumen packages available [12] Example: 600 lumens = MX2S-12'00-L8/835-**(L6)**

CONTROL [6]

DALI	Driver prewired for DALI applications
DIM	Dimming driver with (1) 0-10V signal to control dimming and (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

1. See page 3 for CORNER DETAILS.
2. 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.
3. G, D, and R Shielding not available with corner configurations. See page 2 for SHIELDING DETAILS.
4. Increases fixture height. See page 2 for SHIELDING DETAILS.
5. See page 3 for FINISH OPTIONS. Custom colors available upon request.
6. See page 3 for CONTROL DETAILS.
7. Not available with fixtures less than 4'.
8. For fixtures less than 4' only.
9. Not available with fixtures less than 4'.
10. For fixtures less than 4' only.
11. Reduces portion of lit fixture, consult factory. See page 2 for FIXTURE DETAILS.
12. Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.

H.E. Williams, Inc. ▪ Carthage, Missouri ▪ www.hew.com ▪ 417-358-4065 ▪ Designed and Manufactured in the USA
Information contained herein is subject to change without notice. REV.04/07/20LA

Continuous
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FIXTURE PERFORMANCE DATA

|	PER FOOT		
	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
L8	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%
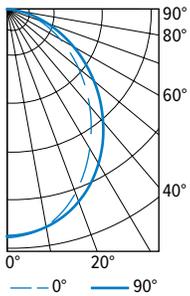- Use multiplier tables to calculate additional options.

MULTIPLIER TABLES

CONVERSION FACTOR		
CCT	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
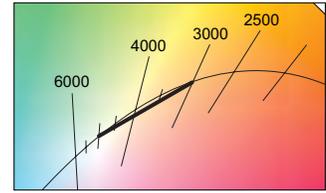
PHOTOMETRY

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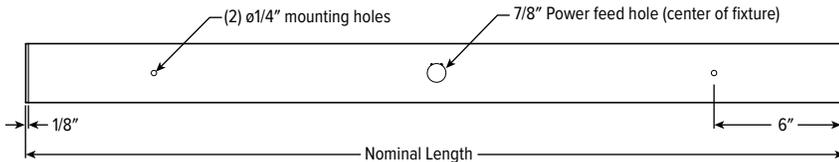

VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	1432	1432	1432	
5	1419	1423	1426	135
15	1348	1335	1321	375
25	1209	1167	1125	536
35	1016	953	898	597
45	797	732	674	566
55	575	518	471	466
65	367	328	297	328
75	185	170	158	182
85	46	50	50	56
90	6	11	12	

CANDLEPOWER DISTRIBUTION

ZONE	LUMENS	% FIXTURE
0 - 30	1046	32
0 - 40	1643	51
0 - 60	2675	83
0 - 90	3240	100
0 - 180	3240	100

LUMEN SUMMARY

FIXTURE DETAILS

BACK VIEW

(2) ø1/4″ mounting holes

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

1/8″

Nominal Length
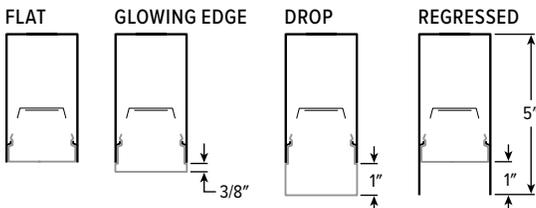
6″

OCCUPANCY SENSOR

ROW ALIGNMENT SYSTEM
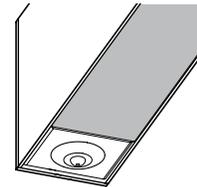
Pull plate
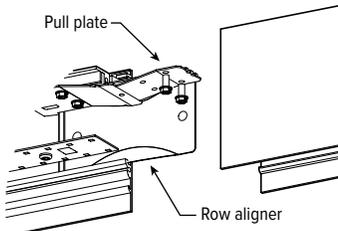
Row aligner

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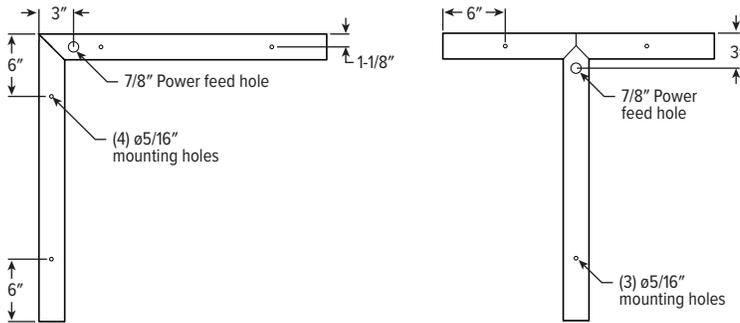
SHIELDING DETAILS

FLAT

GLOWING EDGE

DROP

REGRESSED

3/8″

1″

5″

1″

CORNER DETAILS

BACK VIEW

3"
6"
7/8" Power feed hole
1-1/8"
(4) ø5/16" mounting holes
6"

6"
7/8" Power feed hole
3"
(3) ø5/16" mounting holes

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

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.

CONTROL DETAILS

DIM

DIM (Int) +
DIM (CCT) +
DIM -

Fixture 1 — Quick Connect 2-conductor — Fixture 2

DALI

DALI +
DALI -

Fixture 1 — Quick Connect 2-conductor — Fixture 2

DMX

RJ45 Ports (IN/OUT)

Fixture (Master) — Quick Connect Ethernet cable — Fixture (Satellite)

LUTRON T-SERIES

T1
T2

Fixture 1 — Quick Connect 2-conductor — Fixture 2