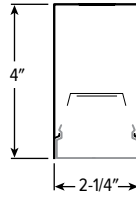
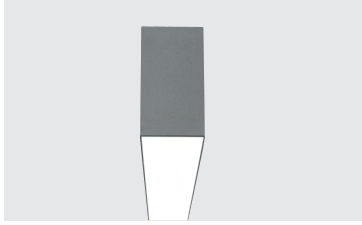


MX2S LED 2" Continuous – Surface



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 115 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 boards. Reported L70: >54,000 hours. Reported L90: 52,000 hours. Estimated L70: 170,000 hours. 25°C maximum ambient operating temperature.
- MOUNTING – Surface.
- 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.
- WARRANTY – 5-year limited warranty, see hew.com/warranty.

ORDERING EXAMPLE: MX2S - 12'00 - L8/835 - F - OPTIONS - DIM - 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]	CRI	CCT	SHIELDING ^[3]
L4 400lm	8 80	27 2700K	F Flat, diffuse acrylic
L8 800lm	9 90 ^[4]	30 3000K	G Diffuse acrylic with glowing edge
L12 1200lm		35 3500K	D Diffuse acrylic with 1" drop
		40 4000K	R Regressed diffuse acrylic, 1" ^[5]
		50 5000K	

OPTIONS ^[6]

- EM/7WLP Low-profile 7-watt emergency battery ^[8]
- EM/7WRM Remote mount 7-watt emergency battery ^[9]
- EM/10WLP Low-profile 10-watt emergency battery ^[10]
- EM/10WRM Remote mount 10-watt emergency battery ^[11]
- OCC___ Factory-installed occupancy sensor: ^[12] **OCCWS FS-355-L6**
- (L___) Additional lower lumen packages available ^[13]
Example: 600 lumens = MX2S-12'00-L8/835-(L6)

CONTROL ^[7]

- DIM Dimming 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

VOLTAGE

- 120 120V
- 277 277V
- UNV 120-277V
- 347 347V ^[14]



NOTES

- See page 3 for CORNER DETAILS.
- 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.
- G, D, and R Shielding not available with corner configurations. See page 3 for SHIELDING DETAILS.
- Extended lead times may apply. Consult factory for availability.
- Increases fixture height. See page 3 for SHIELDING DETAILS.
- See page 3 for FINISH OPTIONS. Custom colors available upon request.
- See page 2 for ADDITIONAL CONTROL OPTIONS.
- Not available with fixtures less than 4'.
- For fixtures less than 4' only.
- Not available with fixtures less than 4'.
- For fixtures less than 4' only.
- Reduces portion of lit fixture, consult factory. See page 3 for FIXTURE DETAILS.
- Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
- Not available with EM drivers or OCC sensor.



MX2S LED

2" Continuous – Surface

FIXTURE PERFORMANCE DATA

	PER FOOT		
	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
L4	387.5	3.4	114.0
L8	775.0	6.7	115.7
L12	1162.5	13.5	86.11

- 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 tables to calculate additional options.

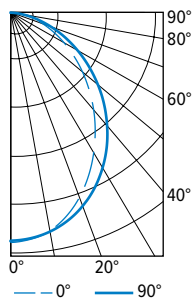
MULTIPLIER TABLES

	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

MX2S-4'00-L8/835-F-DIM Total Luminaire Output: 3100 lumens; 27 Watts | Efficacy: 115 lm/W | 80 CRI; 3500K CCT



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
		0°	45°	90°	
	0	1370	1370	1370	
	5	1358	1362	1365	129
	15	1290	1278	1264	359
	25	1157	1116	1077	513
	35	972	912	859	571
	45	763	700	645	541
	55	550	496	451	446
	65	351	314	284	314
	75	177	162	151	174
	85	44	48	48	53
	90	5	10	11	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1001	32
	0 - 40	1572	51
	0 - 60	2559	83
	0 - 90	3100	100
	0 - 180	3100	100

ADDITIONAL CONTROL OPTIONS

Note: Lumen restrictions apply, consult product builder at 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

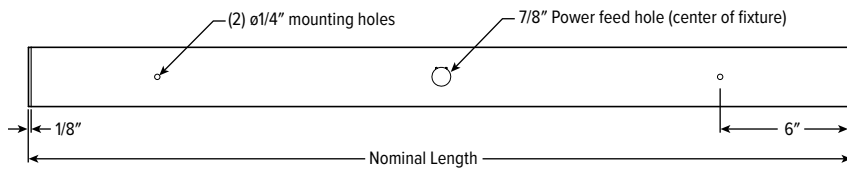


MX2S LED

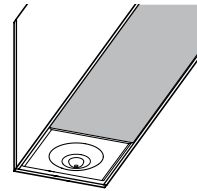
2" Continuous – Surface

FIXTURE DETAILS

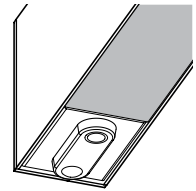
BACK VIEW



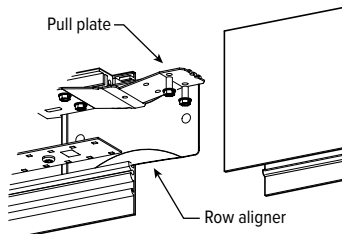
OCCUPANCY SENSOR



VDO SENSOR

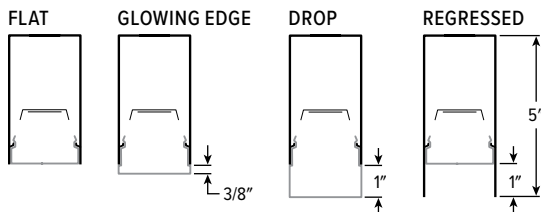


ROW ALIGNMENT SYSTEM

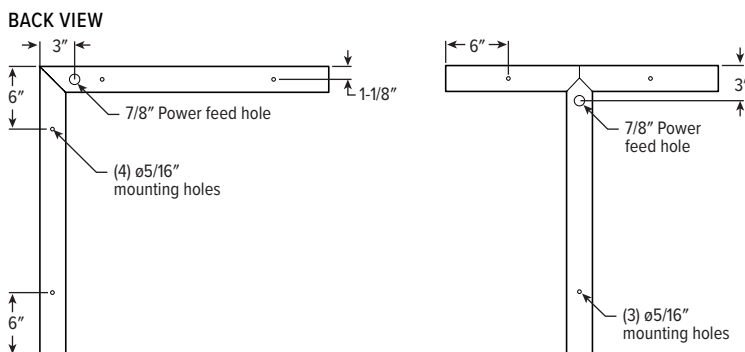


Installer friendly row aligners ensure seamless joining between fixtures while factory installed pull plate locks extrusions in place without disassembly of fixture internals.

SHIELDING DETAILS

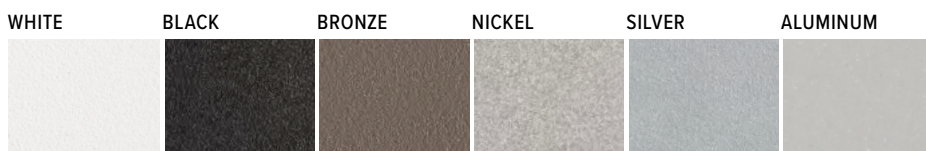


CORNER DETAILS



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.

