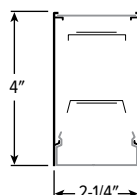
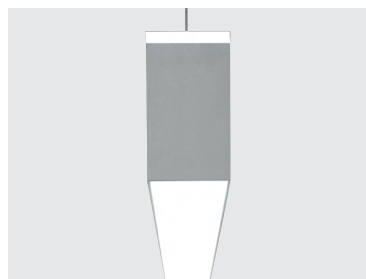


MX2UD PoE | tunable WHITE

2" Continuous Up/Down – Suspended



CATALOG #: _____

TYPE: _____

PROJECT: _____



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
- Specify in one inch increments to create a perfect fit
- Flat, glowing edge, drop and regressed lenses give designers a variety of looks
- Widespread optic allows for increased luminaire spacing while enhancing ceiling uniformity
- Asymmetric optic directs light for targeted illumination
- Linear extrusion contains snap-in light rails for ease of installation and maintenance
- Attractive source of direct and indirect lighting
- Factory installed row alignment system creates straight rows with ease
- Corner configurations available, see Product Builder at hew.com/product-builder
- Made Right Here[®] in the USA

ORDERING EXAMPLE: MX2UD - 12'00 - P8/835U/P8/835D - F/F - AC/D48 - OPTIONS - POE PR

SERIES ILLUMINATED LENGTH ⁽¹⁾

MX2UD 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 ⁽²⁾



LUMEN PACKAGE (EXAMPLE: P8/835U/P8/835D)

Specify lumen packages: **U** for Uplight and **D** for Downlight

LUMENS ⁽³⁾	CRI	CCT
P8 800lm	8 80	27 2700K
	9 90 ⁽⁴⁾	30 3000K
		35 3500K
		40 4000K
		50 5000K
		TW Tunable
		white (80 CRI, 3000K-5000K)

U or D
U Uplight
D Downlight

SHIELDING UP

F Flat
FW Flat with widespread, batwing optic
FA Flat with asymmetric optic
G Glowing edge lens, 3/8" ⁽⁵⁾

SHIELDING DOWN

F Flat
FW Flat with widespread, batwing optic
FA Flat with asymmetric optic
G Glowing edge lens, 3/8" ⁽⁶⁾
D Drop lens, 1" ⁽⁷⁾
R Regressed lens, 1" ⁽⁸⁾

SPECIFICATIONS

- **HOUSING** – Extruded aluminum with die-cast end plates.
- **SHIELDING** – Extruded 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** – Suspended. 1/16" diameter adjustable steel leveling aircraft cable and mounting hardware necessary for grid and hardpan ceiling applications provided.
- **LISTINGS** –
 - cCSAus certified as luminaire suitable for dry or damp locations.
 - Build America, Buy America (BABA) and Buy American Act (BAA) compliant. Request certification at hew.com/buy-american
- **WARRANTY** – 5-year limited warranty, see hew.com/warranty

MOUNTING (EXAMPLE: AC/D48)

Prefix	Type	Length
AC/	D 1" grid & hardpan	24 24"
	N 9/16" grid	48 48"
	S Slot grid	96 96"

MSF Microstem, 1/4" IPS, specify length in inches ⁽¹⁰⁾

OPTIONS

See page 2 for FINISH OPTIONS.

CONTROL ⁽⁹⁾

POE PR Power over Ethernet-ready

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

NOTES

- ¹ Endcaps add 1/4" to overall specified length.
- ² See page 3 for CORNER DETAILS.
- ³ Lumens per foot output based on F Shielding, 80 CRI, 3500K for single CCT and 4000K for TW. Actual performance may vary ± 5%. See page 2 for FIXTURE PERFORMANCE DATA.
- ⁴ Not available with Tunable White.
- ⁵ Not available with corner configurations

- ⁶ Not available with corner configurations
- ⁷ Not available with corner configurations
- ⁸ Not available with corner configurations. Increases fixture height. See page 3 for SHIELDING DETAILS.
- ⁹ For additional PoE connection details, consult factory.
- ¹⁰ Power cord does not run through microstem.



MX2UD PoE | tunable WHITE

2" Continuous Up/Down – Suspended

FIXTURE PERFORMANCE DATA

STATIC WHITE (PER FOOT)

TOTAL DELIVERED LUMENS	TOTAL WATTAGE	EFFICACY (lm/W)
1638	12.6	130

TUNABLE WHITE (PER FOOT)

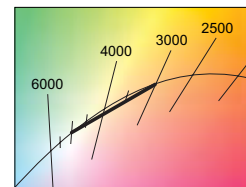
TOTAL DELIVERED LUMENS	TOTAL WATTAGE	EFFICACY (lm/W)
1643	12.6	130

- Photometrics tested in accordance with IESNA LM-79. Results based on F shielding for Up and Down compartments, 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

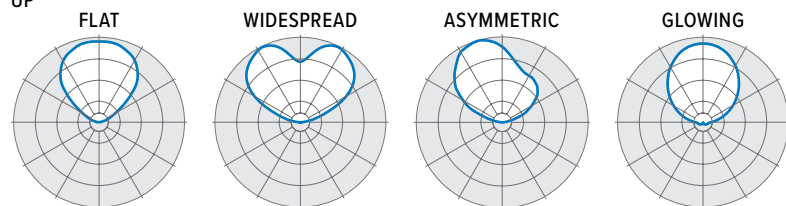
	COLOR TEMPERATURE		
	CCT	LUMENS	
		STANDARD	TUNABLE WHITE
80 CRI	2700K	0.97	–
	3000K	0.99	0.95
	3500K	1.00	0.98
	4000K	1.03	1.00
	5000K	1.06	0.96
90 CRI	2700K	0.80	–
	3000K	0.82	–
	3500K	0.83	–
	4000K	0.86	–
	5000K	0.89	–

SHIELDING	
LENS	CONVERSION FACTOR
F	1.00
FW	0.92
FA (Up)	0.96
FA (Down)	0.82
G	0.98
D	1.05
R	0.91

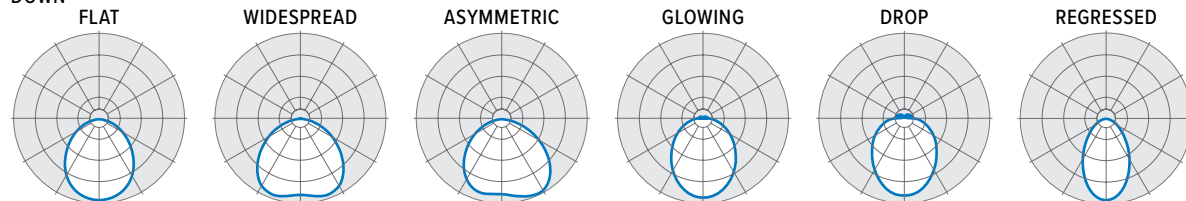


PHOTOMETRY

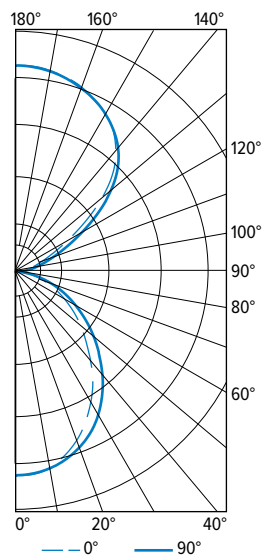
UP



DOWN



MX2UD-4'00-P8/835U/P8/835D-F/F Total Luminaire Output: 6552 lumens; 50.4 Watts | Efficacy: 130 lm/W | 80 CRI; 3500K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	1399	1399	1399	
5	1387	1388	1393	132
15	1319	1310	1287	369
25	1185	1147	1099	528
35	985	929	873	582
45	758	695	636	539
55	540	492	445	442
65	347	313	283	313
75	173	160	148	171
85	41	46	46	51
90	3	5	4	
95	46	31	26	39
105	152	116	101	131
115	316	267	221	270
125	604	556	486	493
135	921	890	864	683
145	1133	1126	1123	704
155	1269	1271	1265	586
165	1358	1363	1365	385
175	1407	1403	1413	134
180	1413	1413	1413	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	1029	16
	0 - 40	1610	25
	0 - 60	2592	40
	0 - 90	3127	48
	90 - 120	441	7
	90 - 130	933	14
	90 - 150	2321	35
	90 - 180	3425	52
	0 - 180	3552	100



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.01/27/25.JL

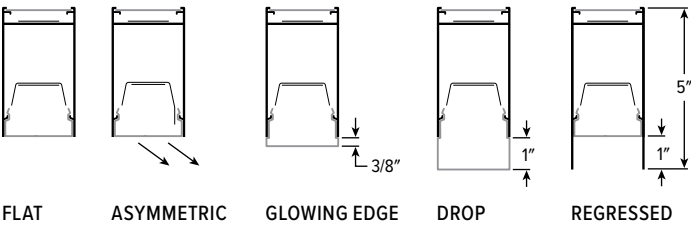
Continuous
Page 2 of 3

MX2UD

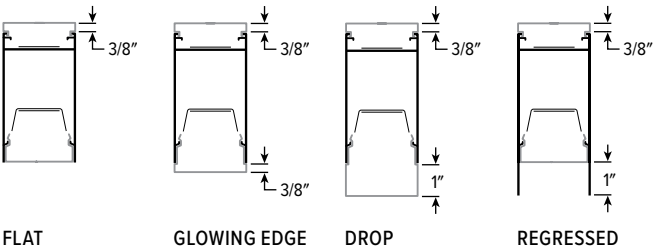
PoE | tunable WHITE
2" Continuous Up/Down – Suspended

SHIELDING DETAILS

FLAT UPLIGHT

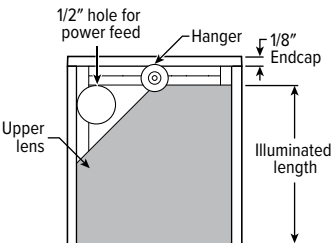


GLOWING EDGE UPLIGHT



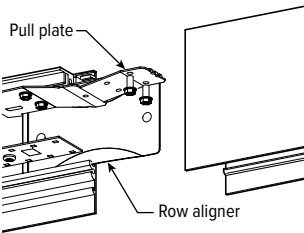
FIXTURE DETAILS

BACK VIEW



Stand-alone fixtures up to 12' in length will require two suspension cables.

ROW ALIGNMENT SYSTEM

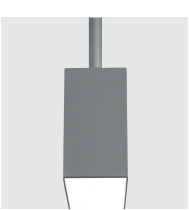


Installer friendly row aligners ensure seamless joining between fixtures while factory installed pull plate locks extrusions in place without disassembly of fixture internals.

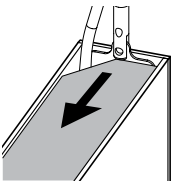
AIRCRAFT CABLE



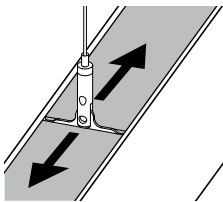
MICROSTEM



AIRCRAFT CABLE

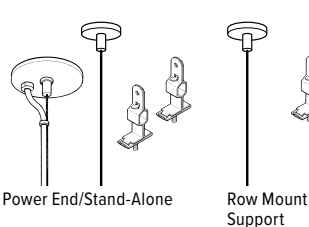


Field-adjustable standalone hanger.



Joiner hanger slides to any position along extrusion. Lens may be cut to fit hanger.

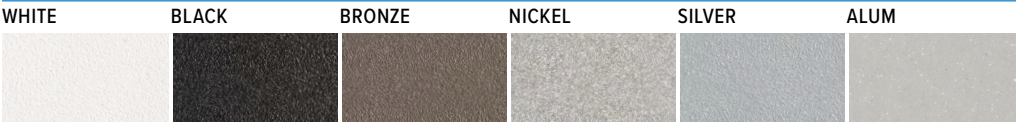
STANDARD HARDWARE



Notes:

- Fixtures are provided with adjustable length aircraft cables and mounting hardware, must specify.
- Power is brought into the feeder fixture, either as part of a row or as a stand-alone unit. Joiner fixtures complete the row. One power drop per node required.

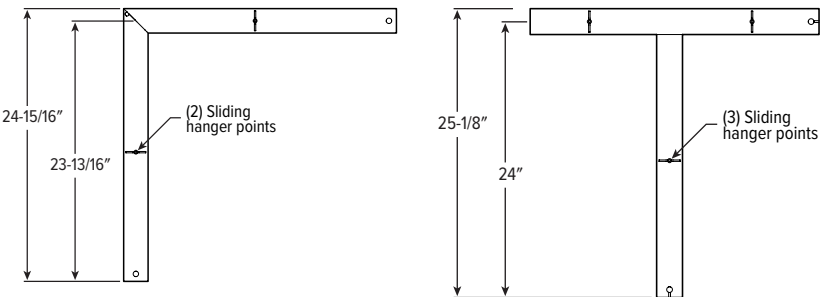
FINISH OPTIONS



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.

CORNER DETAILS

BACK VIEW



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

