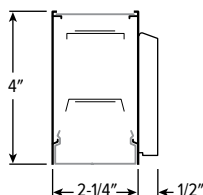
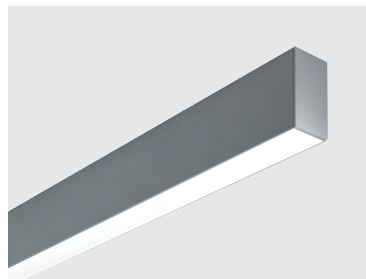


# MX2WUD PoE | tunable **WHITE** 2" Continuous Up/Down – Wall



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
- 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
- Asymmetric optic directs light for targeted illumination
- 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](http://hew.com)
- Made Right Here® in the USA

## 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** – 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
  - Build America, Buy America (BABA) and Buy American Act (BAA) compliant. Request certification at [hew.com/buy-american](http://hew.com/buy-american)
- WARRANTY** – 5-year limited warranty, see [hew.com/warranty](http://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](http://hew.com/poe)

## ORDERING EXAMPLE: MX2WUD - 12'00 - P8/835U/P8/835D - F/F - OPTIONS - POE PR

SERIES	ILLUMINATED LENGTH <sup>[1]</sup>	LUMEN PACKAGE (EXAMPLE: P8/835U/P8/835D)			
MX2WUD	Lengths specified in feet and inches using 1" increments, 2' minimum. Example: 12'00 = 12'-0"	Specify lumen packages: <b>U</b> for Uplight and <b>D</b> for Downlight			
		LUMENS <sup>[2]</sup>	CRI	CCT	U or D
<b>PRODUCT BUILDER</b> Simplify ordering & layout design with the Williams Linear Product Builder at <a href="http://hew.com/product-builder">hew.com/product-builder</a>		P8 800lm	8 80	27 2700K	U Uplight
			9 90 <sup>[3]</sup>	30 3000K	D Downlight
				35 3500K	
				40 4000K	
				50 5000K	
				TW Tunable white (80 CRI, 3000K-5000K)	
SHIELDING UP		SHIELDING DOWN		OPTIONS	CONTROL <sup>[4]</sup>
F Flat	F Flat	See page 3 for FINISH OPTIONS.		POE PR Power over Ethernet-ready	
FA Flat with asymmetric optic	FA Flat with asymmetric optic				
G Glowing edge lens, 3/8"	G Glowing edge lens, 3/8"				
	D Drop lens, 1"				
	R Regressed lens, 1" <sup>[5]</sup>				

## NOTES

- Endcaps add 1/4" to overall specified length.
- Nominal 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.

- Not available with Tunable White.
- For additional PoE connection details, consult factory.
- Increases fixture height. See page 3 for SHIELDING DETAILS.



# MX2WUD PoE | tunable **WHITE**

## 2" Continuous Up/Down – Wall

### FIXTURE PERFORMANCE DATA

#### STATIC WHITE (PER FOOT)

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

#### TUNABLE WHITE (PER FOOT)

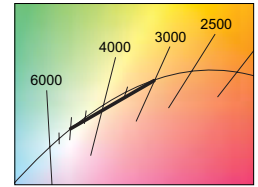
TOTAL DELIVERED LUMENS	TOTAL WATTAGE	EFFICACY (lm/W)
1643	12.6	130

- Photometrics tested in accordance with IESNA LM-79. Results based on 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

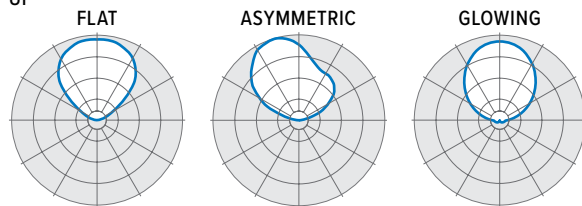
COLOR TEMPERATURE			
	CCT	LUMENS	
		STANDARD	TUNABLE WHITE
80 CRI	2700K	0.97	–
	3000K	0.99	0.95
	3500K	1.00	0.98
	4000K	1.03	1.00
	5000K	1.06	0.96
90 CRI	2700K	0.80	–
	3000K	0.82	–
	3500K	0.83	–
	4000K	0.86	–
	5000K	0.89	–

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

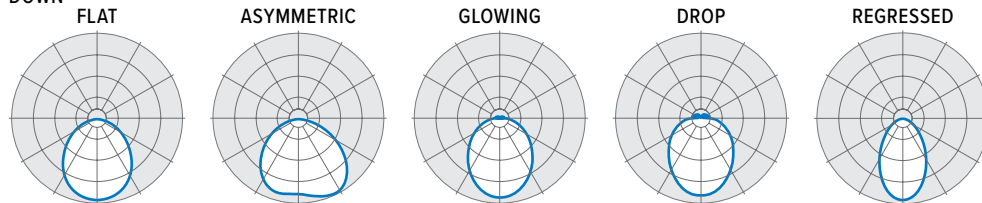


### PHOTOMETRY

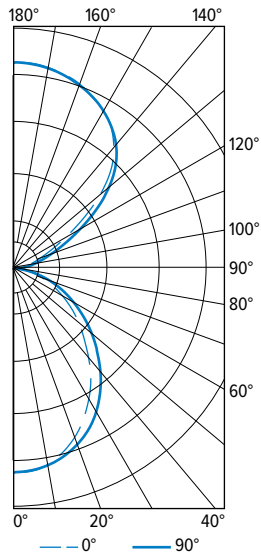
#### UP



#### DOWN



MX2WUD-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

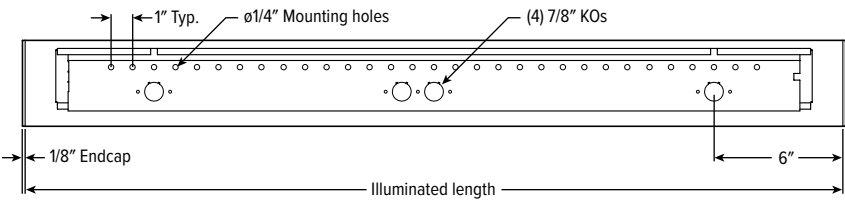


MX2WUD

PoE | tunable **WHITE**  
2" Continuous Up/Down – Wall

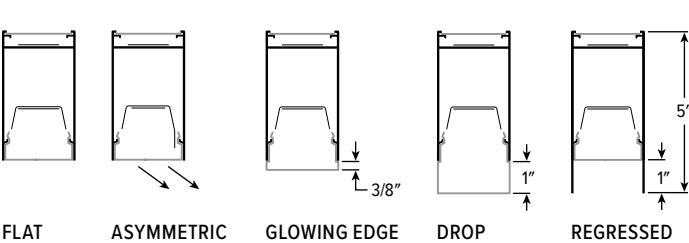
FIXTURE DETAILS

BACK VIEW

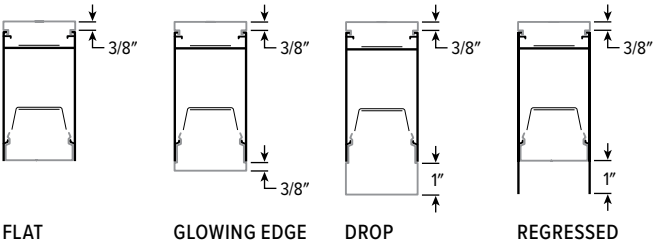


SHIELDING DETAILS

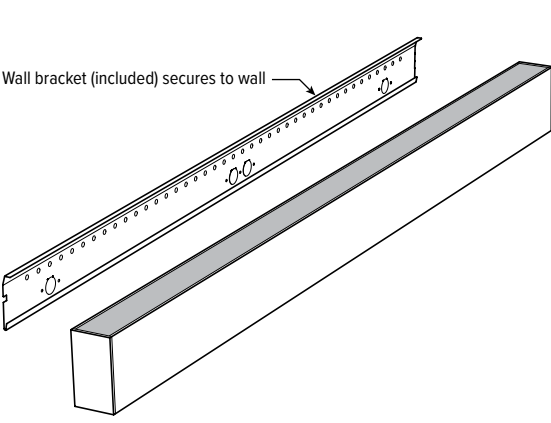
FLAT UPLIGHT



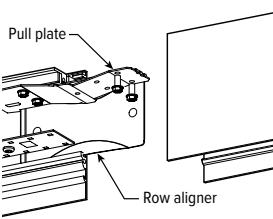
GLOWING EDGE UPLIGHT



MOUNTING DETAILS

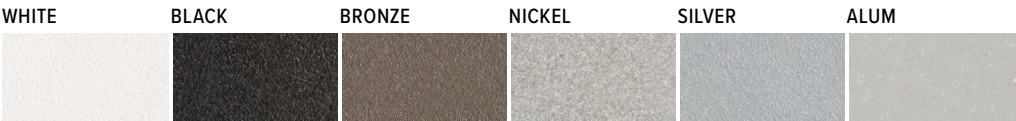


ROW ALIGNMENT SYSTEM



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

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.