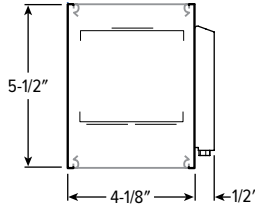
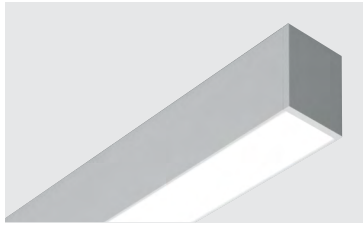


# MX4WUD PoE | tunable WHITE 4" Continuous Up/Down – Wall



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
- Flat and proud lenses give designers a variety of looks
- Fixture attaches to wall bracket for simple installation
- Maximize energy savings with efficacies as high as 130 lm/W
- Linear extrusion contains snap-in light rails for ease of installation and maintenance
- Versatile MX4 system includes recessed, surface, suspended and in-wall mounting, see [hew.com](http://hew.com)
- 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. 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 galvanized, wall mounted bracket.
- LISTINGS – cCSAus certified as luminaire suitable for dry or damp locations.
- 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)
- Consult factory for design support



## ORDERING EXAMPLE: MX4WUD - 12'00 - P7/835U/P7/835D - A/F - OPTIONS - POE PR

SERIES	LENGTH	LUMEN PACKAGE (EXAMPLE: P7/835U/P7/835D)			
<b>MX4WUD</b>	Lengths specified in feet and inches using 4" increments, 2' minimum. Example: 12'00 = 12'-0"	Specify lumen packages: U for Uplight and D for Downlight			
	<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>	<b>LUMENS</b> <sup>[1]</sup>	<b>CRI</b>	<b>CCT</b>	<b>U or D</b>
		P7 700lm	8 80	27 2700K	U Uplight
			9 90 <sup>[2]</sup>	30 3000K	D Downlight
				35 3500K	
				40 4000K	
				50 5000K	
				<b>TW</b> Tunable white (80 CRI, 3000K–5000K)	

SHIELDING UP	SHIELDING DOWN	OPTIONS <sup>[3]</sup>	CONTROL <sup>[4]</sup>
<b>A</b> Flat, semi-diffuse acrylic	<b>F</b> Flat, diffuse acrylic	<b>ASYD</b> Downlight asymmetric distribution <sup>[7]</sup>	<b>POE PR</b> Power over Ethernet, Platformatics-ready
<b>F</b> Flat, diffuse acrylic <sup>[5]</sup>	<b>P</b> Proud, diffuse acrylic with 5/16" drop <sup>[6]</sup>	<b>ASU</b> Uplight asymmetric distribution <sup>[8]</sup>	
		<b>ASYUD</b> Up and down light asymmetric distribution <sup>[9]</sup>	

## NOTES

- <sup>1</sup> Nominal lumens per foot output based on F shielding and 3500K for single CCT and 4000K for TW. Actual lumens may vary ±5%. See page 2 for FIXTURE PERFORMANCE DATA.
- <sup>2</sup> Extended lead times may apply. Consult factory for availability.
- <sup>3</sup> Not available with Tunable White
- <sup>3</sup> See page 4 for FINISH OPTIONS.
- <sup>4</sup> See page 4 for NODE CONNECTION DETAILS. For additional PoE info, see [hew.com/poe](http://hew.com/poe).
- <sup>5</sup> Recommended for use in applications where the fixture will be viewed from above. Decreases lumen output.
- <sup>6</sup> See page 3 for SHIELDING DETAILS.
- <sup>7</sup> Available with A and F shielding only. Creates uneven lens illumination. See page 3 for CROSS SECTIONS.
- <sup>8</sup> Available with A and F shielding only. Creates uneven lens illumination. See page 3 for CROSS SECTIONS.
- <sup>9</sup> Available with A and F shielding only. Creates uneven lens illumination. See page 3 for CROSS SECTIONS.



# MX4WUD PoE | tunable WHITE

## 4" Continuous Up/Down – Wall

### FIXTURE PERFORMANCE DATA

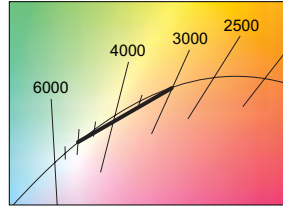
#### STANDARD (PER FOOT)

DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
1435	12	123

- 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.

#### TUNABLE WHITE (PER FOOT)

DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
1427	11	130



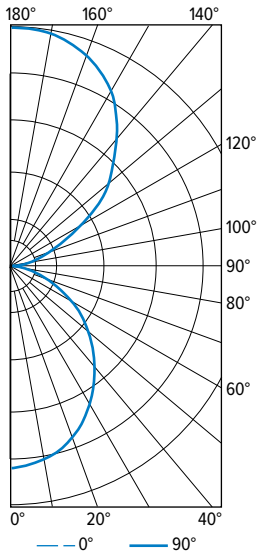
#### MULTIPLIER TABLES

	COLOR TEMPERATURE	
	LUMENS	
	CCT	TUNABLE WHITE
80 CRI	2700K	0.97
	3000K	0.99
	3500K	1.00
	4000K	1.03
	5000K	1.06
90 CRI	2700K	0.82
	3000K	0.83
	3500K	0.84
	4000K	0.86
	5000K	0.90

ASY OPTION	
WATTAGE	EFFICACY (lm/W)
1.02	0.98

### PHOTOMETRY

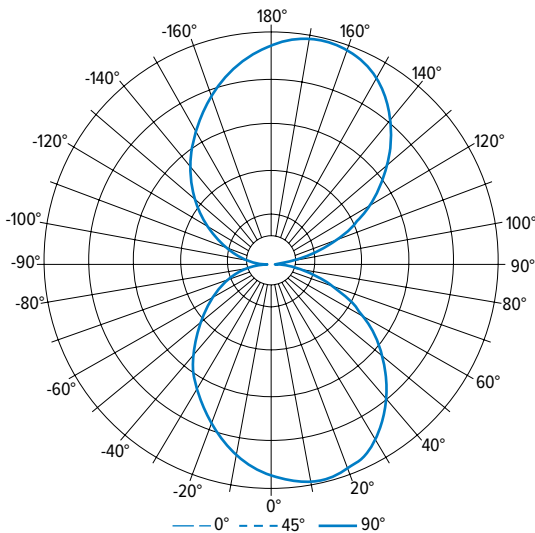
MX4WUD-4'00-P7/835U/P7/835D-A/F Total Luminaire Output: 5740 lumens; 46.8 Watts | Efficacy: 123 lm/W | 80 CRI; 3500K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE					ZONAL LUMENS
	0°	45°	90°	135°	180°	
0	985	985	985	985	985	
5	1002	992	968	966	976	93
15	957	949	930	916	921	263
25	875	868	839	830	830	390
35	750	745	722	707	700	453
45	604	602	582	568	540	448
55	455	444	424	417	412	383
65	288	281	271	266	266	271
75	137	130	124	127	120	137
85	24	21	15	19	21	30
90	5	5	10	5	5	
95	50	58	60	53	48	61
105	172	185	187	168	148	189
115	341	364	381	336	307	350
125	558	576	594	544	508	506
135	799	808	810	772	734	607
145	980	983	990	945	925	606
155	1110	1113	1119	1082	1062	507
165	1177	1180	1192	1160	1146	331
175	1191	1196	1218	1185	1168	114
180	1192	1192	1192	1192	1192	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	746	13
0 - 40	1198	21	
0 - 60	2029	35	
0 - 90	2468	43	
90 - 120	601	11	
90 - 130	1107	19	
90 - 150	2320	40	
90 - 180	3272	57	
0 - 180	5740	100	

MX4WUD-4'00-P7/835U/P7/835D-ASYUD Total Luminaire Output: 5740 lumens; 48 Watts | Efficacy: 120 lm/W | 80 CRI; 3500K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE					ZONAL LUMENS
	0°	45°	90°	135°	180°	
0	1018	1018	1018	1018	1018	
5	1014	1037	1049	1037	1014	96
15	972	1046	1078	1046	972	274
25	893	1002	1048	1002	893	413
35	778	904	956	904	778	491
45	641	767	814	767	641	500
55	495	604	644	604	495	448
65	339	425	456	425	339	342
75	180	243	265	243	180	200
85	44	76	88	76	44	60
90	4	23	34	23	4	
95	45	78	91	78	45	62
105	185	251	274	251	185	207
115	350	439	471	439	350	353
125	511	624	665	624	511	462
135	662	792	840	792	662	516
145	803	933	987	933	803	507
155	922	1035	1082	1035	922	426
165	1004	1080	1113	1080	1004	283
175	1047	1071	1083	1071	1047	99
180	1050	1050	1050	1050	1050	

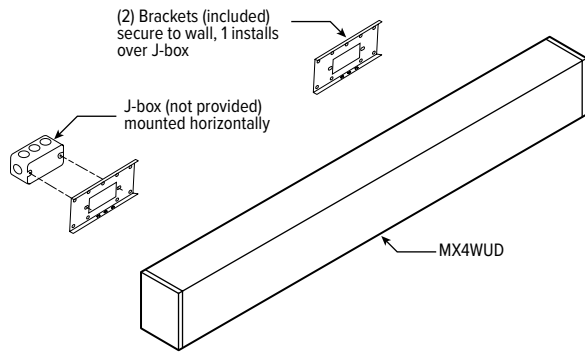
LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	784	14
0 - 40	1274	22	
0 - 60	2222	39	
0 - 90	2824	49	
90 - 120	622	11	
90 - 130	1084	19	
90 - 150	2107	37	
90 - 180	2916	51	
0 - 180	5740	100	



# MX4WUD PoE | tunable WHITE

## 4" Continuous Up/Down – Wall

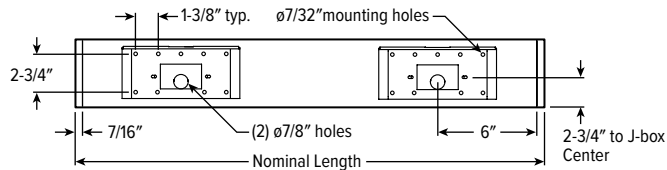
### MOUNTING DETAILS



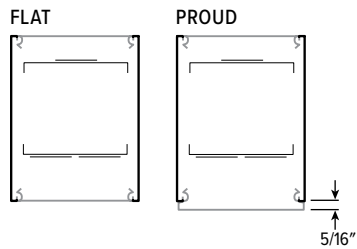
### FIXTURE DETAILS

#### BACK VIEW

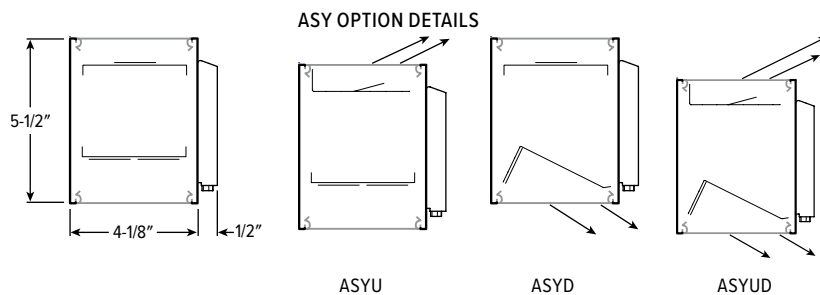
Standalone and feeder fixtures receive two mounting brackets. Joiner fixtures connect to feeder fixtures and receive one mounting bracket.



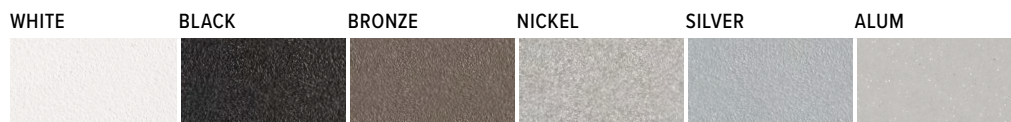
### SHIELDING DETAILS



### CROSS SECTIONS



### 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.



# MX4WUD PoE | tunable WHITE

## 4" Continuous Up/Down – Wall

### 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](http://platformatics.com/product/poe-ln2)

