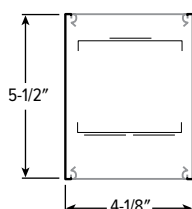
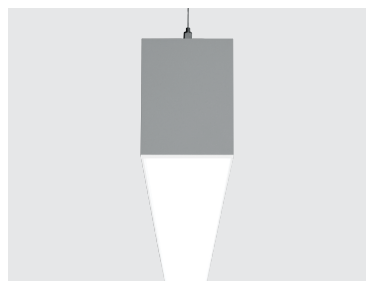


# MX4UD PoE | tunable **WHITE** 4" Continuous Up/Down – Suspended



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
- Flat and proud lenses give designers a variety of looks
- Moveable mounting hardware easily slides along the length of the fixture providing variable mounting points
- 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)
- Corner configurations available, see Product Builder at [hew.com/product-builder](http://hew.com/product-builder)
- 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** – 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.
  - Complies with the Buy American Act and other federal regulations. Request certification at [hew.com/baa](http://hew.com/baa).
- 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: MX4UD - 12'00 - P7/835U/P7/835D - A/F - AC/D48 - OPTIONS - POE PR

**SERIES** ILLUMINATED LENGTH <sup>[1]</sup>  
**MX4UD** Lengths specified in feet and inches using 4" 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](http://hew.com/product-builder) <sup>[2]</sup>



### LUMEN PACKAGE (EXAMPLE: P7/835U/P7/835D)

Specify lumen packages: U for Uplight and D for Downlight

LUMENS <sup>[5]</sup>	CRI	CCT	U or D
P7 700lm	8 80	27 2700K	U Uplight
	9 90	30 3000K	D Downlight
		35 3500K	
		40 4000K	
		50 5000K	
		TW Tunable white (80 CRI, 3000K–5000K)	

### SHIELDING UP

**A** Flat, semi-diffuse acrylic  
**F** Flat, diffuse acrylic <sup>[3]</sup>

### SHIELDING DOWN

**F** Flat, diffuse acrylic  
**P** Proud, diffuse acrylic with 5/16" drop <sup>[4]</sup>

### MOUNTING (EXAMPLE: AC/D48) <sup>[6]</sup>

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

### OPTIONS <sup>[7]</sup>

<b>ASYD</b>	Downlight asymmetric distribution <sup>[9]</sup>
<b>ASYU</b>	Uplight asymmetric distribution <sup>[10]</sup>
<b>ASYUD</b>	Up and down light asymmetric distribution <sup>[11]</sup>

### CONTROL <sup>[8]</sup>

**POE PR** Power over Ethernet-Ready

## NOTES

- Endcaps add 7/8" to overall specified length.
- See page 3 for CORNER DETAILS.
- Recommended for use in applications where fixture will be viewed from above. Decreases lumen output.
- See page 3 for CROSS SECTIONS. Not available with corner configurations.
- 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.

- See page 3 for MOUNTING DETAILS.
- See page 3 for FINISH OPTIONS.
- For additional PoE connection details, consult factory.
- Available with A and F shielding only. Creates uneven lens illumination. See page 3 for CROSS SECTIONS.
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# MX4UD PoE | tunable **WHITE**

## 4" Continuous Up/Down – Suspended

### FIXTURE PERFORMANCE DATA

#### STANDARD (PER FOOT)

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

#### TUNABLE WHITE (PER FOOT)

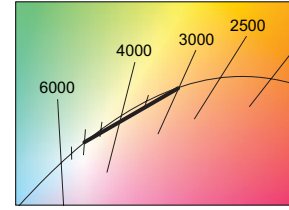
DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
1427	11	130

- Photometrics tested in accordance with IESNA LM-79. Results based on F shielding, 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 TABLE

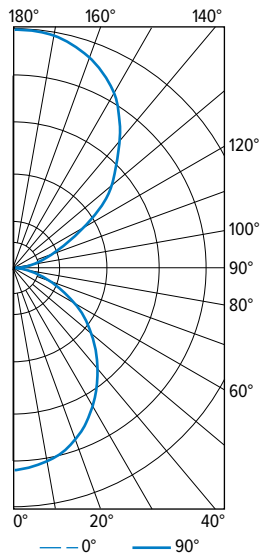
	CCT	LUMENS	
		STANDARD	TUNABLE WHITE
80 CRI	2700K	0.97	–
	3000K	0.99	0.95
	3500K	1.00	0.98
	4000K	1.03	1.00
	5000K	1.06	0.96
90 CRI	2700K	0.80	–
	3000K	0.82	–
	3500K	0.83	–
	4000K	0.86	–
	5000K	0.89	–

ASY OPTION	
WATTAGE	EFFICACY (lm/W)
1.02	0.98



### PHOTOMETRY

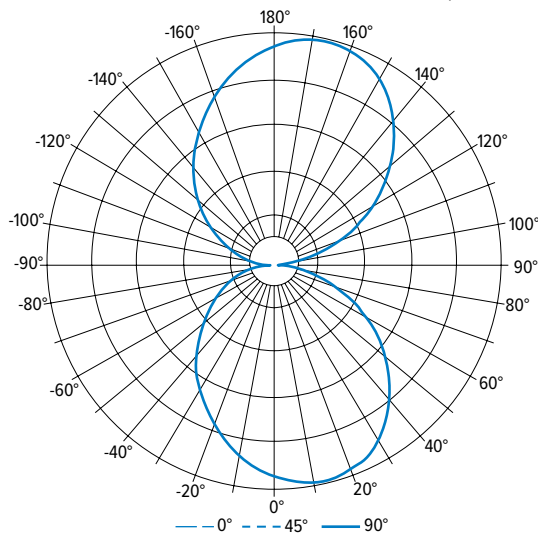
**MX4UD-4'00-P7/835U/P7/835D-A/F** Total Luminaire Output: 5740 lumens; 46.8 Watts | Efficacy: 123 lm/W | 80 CRI; 3500K CCT



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

**MX4UD-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

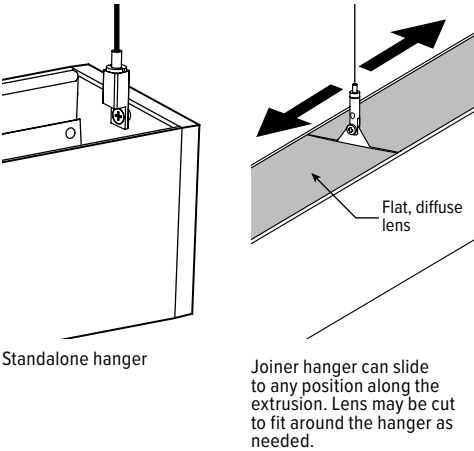


MX4UD

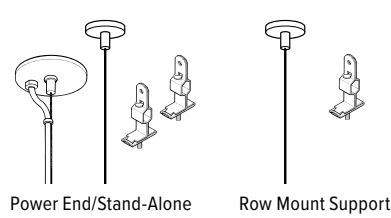
PoE | tunable **WHITE**  
4" Continuous Up/Down – Suspended

MOUNTING DETAILS

INDIRECT HANGER DETAILS

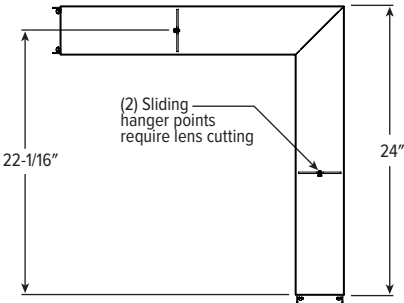


STANDARD HARDWARE



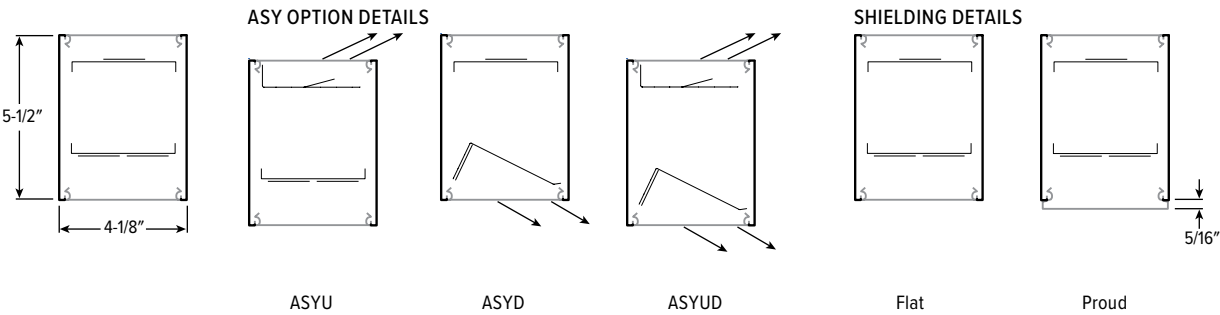
- Notes:
- Fixtures are provided with adjustable length aircraft cables and mounting hardware, must specify.
  - Electrical supply is brought into the feeder (or stand-alone) fixture, either as part of a row or as an individual mount unit. Power feed locations are at end of fixture.
  - One 5" canopy included for each feeder fixture. One 2" canopy included for each additional fixture required in a row.

CORNER DETAILS

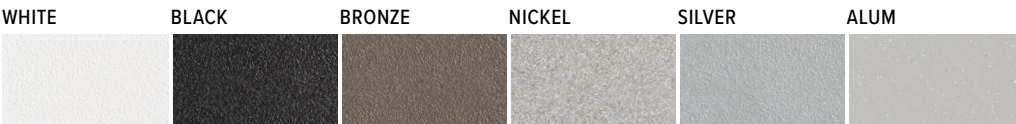


Note: Corner orientation determined in field. Feeder corner end cap shipped separately.

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.

