

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
- Maximize energy savings with efficacies as high as 128 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)
- Corner configurations available, see Product Builder at [hew.com/product-builder](http://hew.com/product-builder)
- Diffuse acrylic lens provides uniform illumination for visual comfort
- Made Right Here® in the USA

## ORDERING EXAMPLE: MX4S - 12'00 - P7/835 - F - OPTIONS - POE PR

### SERIES LENGTH

**MX4S** 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>[1]</sup>



LUMENS <sup>[2]</sup>	CRI	CCT	SHIELDING	OPTIONS <sup>[3]</sup>	CONTROL <sup>[4]</sup>
P7 700lm	8 80	27 2700K	F Flat, diffuse acrylic	ASY Asymmetric distribution <sup>[7]</sup>	POE PR Power over Ethernet, Platformatics-ready
	9 90 <sup>[5]</sup>	30 3000K	P Proud, diffuse acrylic with 5/16" drop <sup>[6]</sup>		
		35 3500K			
		40 4000K			
		50 5000K			
		TW Tunable white (80 CRI, 3000K–5000K)			

## 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 – Surface.
- 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



## NOTES

- <sup>1</sup> See page 3 for CORNER DETAILS.
- <sup>2</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>3</sup> See page 3 for FINISH OPTIONS.
- <sup>4</sup> See page 3 for NODE CONNECTION DETAILS. For additional PoE info, see [hew.com/poe](http://hew.com/poe).

- <sup>5</sup> Extended lead times may apply. Consult factory for availability. Not available with Tunable White
- <sup>6</sup> See page 3 for SHIELDING DETAILS. Not available with corner configurations.
- <sup>7</sup> Available with F shielding only. Creates uneven lens illumination. See page 3 for CROSS SECTIONS.



# MX4S PoE | tunable WHITE

## 4" Continuous – Surface

### FIXTURE PERFORMANCE DATA

#### STANDARD (PER FOOT)

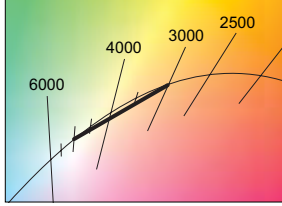
DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
707	6	121

#### TUNABLE WHITE (PER FOOT)

DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
703	5	128

#### MULTIPLIER TABLES

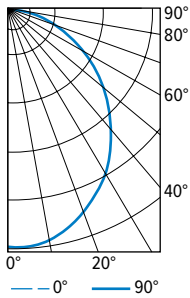
COLOR TEMPERATURE			
CCT	LUMENS		
	STANDARD	TUNABLE WHITE	
80 CRI	2700K	0.97	–
	3000K	0.99	0.95
	3500K	1.00	0.98
	4000K	1.03	1.00
	5000K	1.06	0.96
90 CRI	2700K	0.82	–
	3000K	0.83	–
	3500K	0.84	–
	4000K	0.86	–
	5000K	0.90	–



- 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.

### PHOTOMETRY

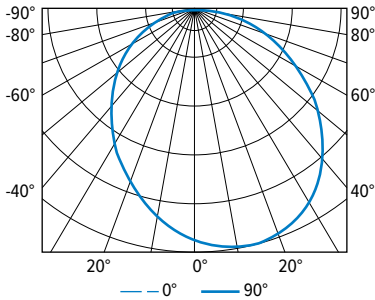
MX4S-4'00-P7/835-F Total Luminaire Output: 2828 lumens; 23.4 Watts | Efficacy: 121 lm/W | 80 CRI; 3500K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	1117	1117	1117	
5	1140	1108	1097	105
15	1102	1057	1039	299
25	986	955	932	439
35	854	813	798	512
45	693	662	637	512
55	518	494	463	440
65	338	318	304	316
75	159	153	151	165
85	25	31	28	39
90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
		0 - 30	843
	0 - 40	1356	48
	0 - 60	2308	82
	0 - 90	2828	100
	0 - 180	2828	100

MX4S-4'00-P7/835-F-ASY Total Luminaire Output: 2661 lumens; 24 Watts | Efficacy: 111 lm/W | 80 CRI; 3500K CCT

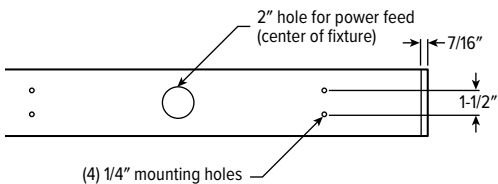


VERTICAL ANGLE	HORIZONTAL ANGLE					ZONAL LUMENS
	0°	45°	90°	135°	180°	
0	959	959	959	959	959	
5	956	978	989	978	956	91
15	916	986	1016	986	916	259
25	841	945	988	945	841	389
35	733	852	901	852	733	462
45	605	723	767	723	605	471
55	466	569	607	569	466	422
65	320	401	430	401	320	322
75	169	229	250	229	169	189
85	42	71	83	71	42	56
90	2	11	16	11	2	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
		0 - 30	739
	0 - 40	1201	45
	0 - 60	2094	79
	0 - 90	2661	100
	0 - 180	2661	100

### FIXTURE DETAILS

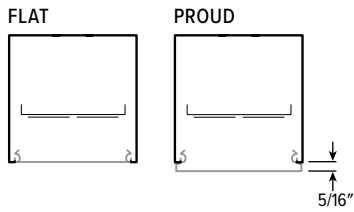
#### BACK VIEW



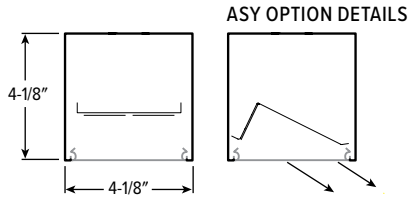
# MX4S PoE | tunable WHITE

## 4" Continuous – Surface

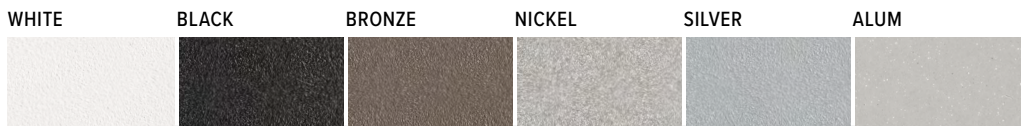
### SHIELDING DETAILS



### CROSS SECTIONS



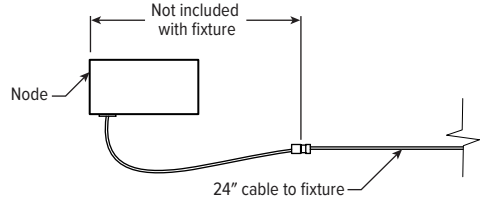
### FINISH OPTIONS



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.

### NODE CONNECTION DETAILS

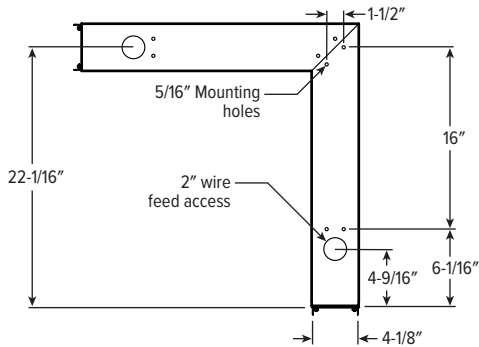
Includes 24" cable with 4-position mating connector for Platformatics POE-LN2 node. See node spec sheet for details: [platformatics.com/product/poe-ln2](http://platformatics.com/product/poe-ln2)



### CORNER DETAILS

#### BACK VIEW

#### LEFT



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

