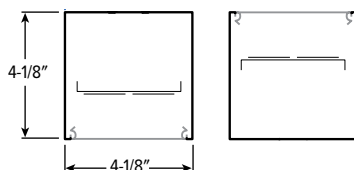


# MX4 tunable WHITE

## 4" Continuous – Suspended



CATALOG #: \_\_\_\_\_

TYPE: \_\_\_\_\_

PROJECT: \_\_\_\_\_



### FEATURES

- Support human-centric design with adaptive, individualized lighting using tunable white light
- Create elegant spaces with a seamless, continuous row of illumination
- 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
- High-performance up to 126 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: MX4D - 12'00 - L8/8TW - F - AC/D48 - OPTIONS - CONTROL/DALI - UNV

SERIES	ILLUMINATED LENGTH	Product Builder
MX4D Down MX4U Up	Lengths specified in feet and inches using 4" increments, 2' minimum. Example: 12'00 = 12'-0"	Easily build shapes & simplify ordering with the Williams Linear Product Builder at <a href="http://hew.com/product-builder">hew.com/product-builder</a> <sup>[17]</sup>



LUMENS <sup>[2]</sup>	COLOR	SHIELDING	MOUNTING (EXAMPLE: AC/D48) <sup>[3]</sup>		
L8 800lm	8TW Tunable white (80 CRI, 3000K-5000K)	F Flat, diffuse acrylic P Proud, diffuse acrylic with 5/16" drop <sup>[4]</sup>	Prefix	Type	Length
			AC/	D 1" grid & hardpan N 9/16" grid S Slot grid	24 24" 48 48" 96 96"
			MSF_	Microstem, 1/4" IPS, specify length in inches <sup>[5]</sup>	

### 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. 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).

### OPTIONS <sup>[6]</sup>

See page 2 for FINISH OPTIONS.

EM/10W	10-watt emergency battery <sup>[8]</sup>
EM/10WRM	Remote mount 10-watt emergency battery <sup>[9]</sup>
V90	Vertical 90° corner, suspended <sup>[10]</sup>
ASY	Asymmetric distribution <sup>[11]</sup>
(L__)	Additional lower lumen packages available <sup>[12]</sup> Example: 600 lumens = MX4D-12'00-L8/8TW-(L6)

### CONTROL

– None

See page 4 for Additional Control Options. <sup>[13]</sup>

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

DALI	Driver prewired for DALI applications	120 120V 277 277V
DIM	(1) 0-10V signal to control dimming (1) 0-10V signal to control CCT	UNV 120-277V
DMX	Driver prewired for DMX applications	
PSQ	Lutron T-Series 2-channel tunable white 1%	

### NOTES

- See page 4 for CORNER DETAILS.
- Lumens per foot based on F Shielding, 80 CRI/4000K CCT. Actual performance may vary ±5%. See page 2 for FIXTURE PERFORMANCE DATA. Additional lumen packages available, see Options.
- See page 3 for MOUNTING DETAILS.
- MX4D only. See page 3 for CROSS SECTIONS. Not available with corner configurations or transition options.
- MX4D only. Power cord does not run through microstem.
- See Technical Info for Power Entry details.
- See page 3 for DRIVER DETAILS.
- Not available with fixtures less than 4'.
- See page 3 for MOUNTING DETAILS.
- Connects MX4D to vertically mounted MX4RW; F shielding only. MX4D only. See page 3 for FIXTURE DETAILS. Ships separately.
- Available with F shielding only. Creates uneven lens illumination. See page 3 for CROSS SECTIONS.
- (L4) lumen package minimum. Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
- See page 4 for SENSOR PLACEMENT DETAILS.



# MX4 tunable WHITE

## 4" Continuous – Suspended

### FIXTURE PERFORMANCE DATA

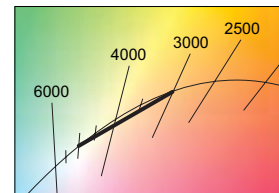
DOWN (PER FOOT)			UP (PER FOOT)		
DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
821	6.7	123	846	6.7	126

- Photometrics tested in accordance with IESNA LM-79. Results based on F shielding, 80 CRI/4000K CCT, average wattage for 120V through 277V input, and 25°C ambient temperature. Actual performance may vary +/-5%.
- To calculate lumen output in emergency mode, multiply the battery wattage by the efficacy.
- Use multiplier tables to calculate additional options.

### MULTIPLIER TABLES

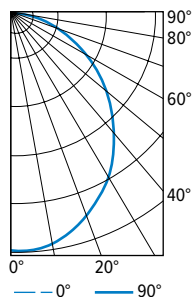
CCT	CONVERSION FACTOR	
	LUMENS	WATTAGE
3000K	0.95	1.04
3500K	0.98	1.02
4000K	1.00	1.00
5000K	0.96	1.04

ASY OPTION	
WATTAGE	EFFICACY (lm/W)
1.03	0.97



### PHOTOMETRY

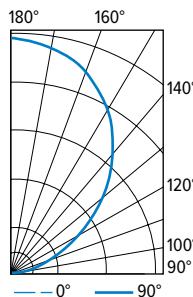
**MX4D-4'00-L8/8TW-F-DALI** Total Luminaire Output: 3284 lumens; 26.8 Watts | Efficacy: 123 lm/W | 80 CRI; 4000K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	1297	1297	1297	
5	1324	1287	1273	122
15	1280	1228	1206	347
25	1145	1109	1083	510
35	992	944	927	595
45	805	768	740	595
55	602	573	538	511
65	392	369	353	367
75	185	177	176	192
85	29	36	33	45
90	0	0	0	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	979	30
	0 - 40	1574	48
	0 - 60	2680	82
	0 - 90	3284	100
	0 - 180	3284	100

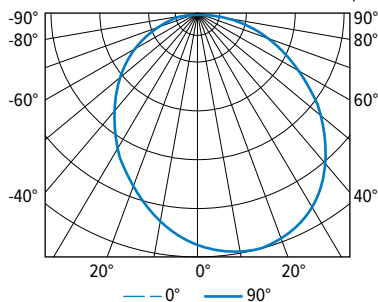
**MX4U-4'00-L8/8TW-F-DALI** Total Luminaire Output: 3384 lumens; 26.8 Watts | Efficacy: 126 lm/W | 80 CRI; 4000K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
90	0	0	0	
95	20	19	17	28
105	160	122	102	137
115	380	284	240	297
125	640	513	428	474
135	927	813	683	620
145	1182	1105	1000	677
155	1381	1307	1253	600
165	1489	1447	1411	407
175	1548	1511	1492	144
180	1531	1531	1531	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	90 - 120	462	14
	90 - 130	936	28
	90 - 150	2233	66
	90 - 180	3384	100
	0 - 180	3384	100

**MX4D-4'00-L8/8TW-F-ASY** Total Luminaire Output: 3089 lumens; 26.8 Watts | Efficacy: 115 lm/W | 80 CRI; 4000K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE					ZONAL LUMENS
	0°	45°	90°	135°	180°	
0	1114	1114	1114	1114	1114	
5	1110	1135	1148	1135	1110	105
15	1064	1145	1179	1145	1064	300
25	977	1097	1147	1097	977	452
35	851	989	1046	989	851	537
45	702	839	891	839	702	547
55	541	661	705	661	541	490
65	371	465	499	465	371	374
75	196	266	290	266	196	219
85	48	83	96	83	48	65
90	2	12	18	12	2	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	857	28
	0 - 40	1394	45
	0 - 60	2431	79
	0 - 90	3089	100
	0 - 180	3089	100

### FINISH OPTIONS

WHITE

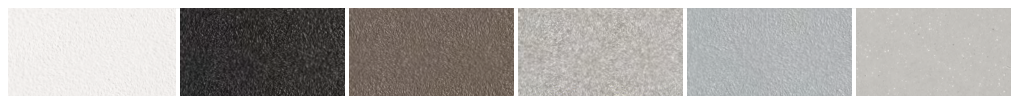
BLACK

BRONZE

NICKEL

SILVER

ALUM



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.



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.

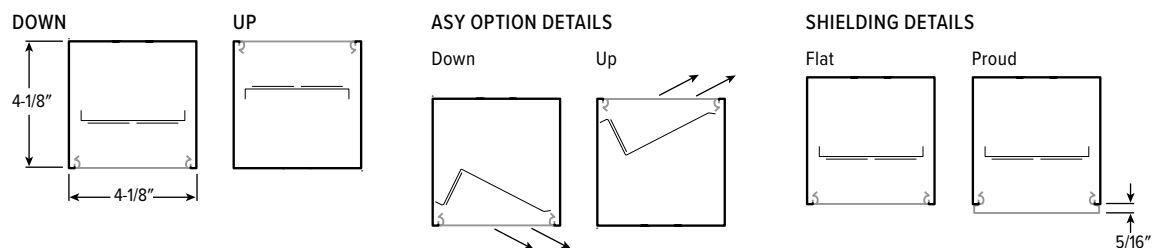
REV.01/16/24.JL

Continuous

Page 2 of 4

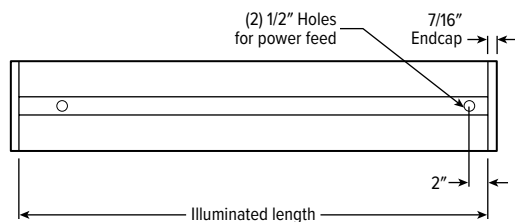
# MX4 tunable **WHITE** 4" Continuous – Suspended

## CROSS SECTIONS



## FIXTURE DETAILS

### MX4D BACK VIEW

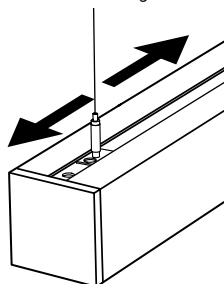


## MOUNTING DETAILS

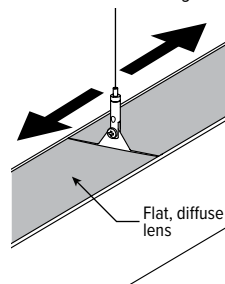
Aircraft cable row mount accessories can be repositioned along the length of the channel, providing flexible mounting locations to suit any application.

### AIRCRAFT CABLE

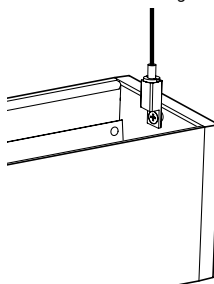
#### MX4D Direct Hanger



#### MX4U Mid-fixture Hanger

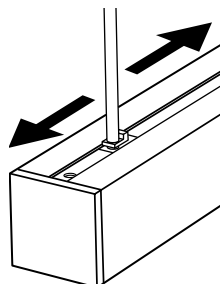


#### MX4U Standalone hanger



### MICROSTEM

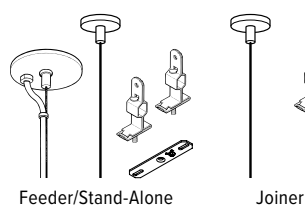
#### MX4D



## STANDARD HARDWARE FOR SUSPENDED PRODUCT (Grid and Hardpan)

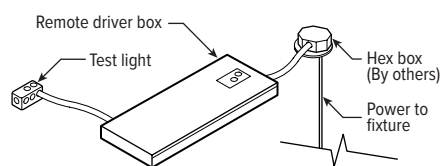
### Notes:

- Fixtures are provided with adjustable length aircraft cables and mounting hardware, must specify.
- Electrical supply is brought into the feeder fixture, either as part of a row or as a stand-alone unit. Joiner fixtures complete the row.
- The feeder kits are standard with a 5" canopy to cover the junction box and a 2" canopy at the non-feed point. No J-box is required at non-feed points.



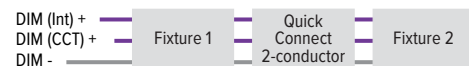
## REMOTE MOUNT BATTERY

Max remote distance 50'.

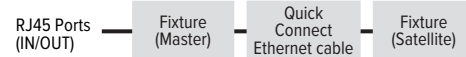


## DRIVER DETAILS

### DIM



### DMX



### DALI



### LUTRON T-SERIES

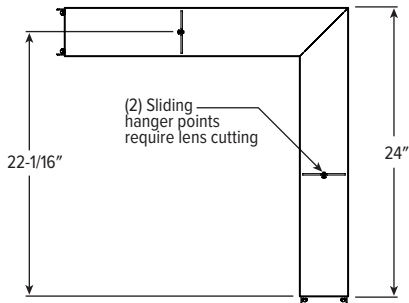


# MX4 tunable WHITE

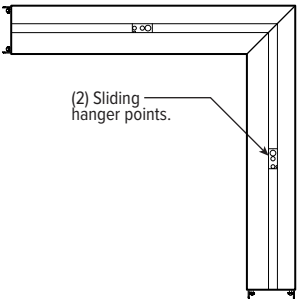
## 4" Continuous – Suspended

### CORNER DETAILS

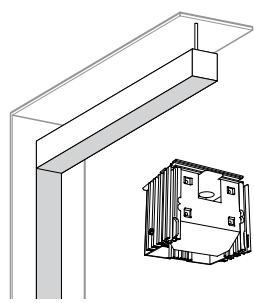
MX490U BACK VIEW



MX490D BACK VIEW



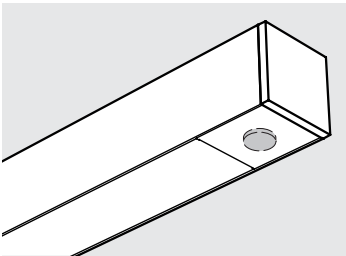
V90 TRANSITION CORNER



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

Includes tamper resistant lens bracket for lower end of vertical fixture.

### SENSOR PLACEMENT DETAILS



### ADDITIONAL CONTROL OPTIONS

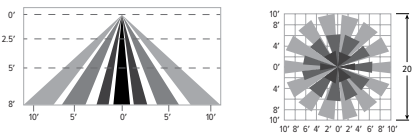
Sensor recommended for use in downlight orientation only. Reduces portion of lit fixture, consult factory.

**OCCWS-FS-305-L6-PP-120/277** Wattstopper PIR motion and daylight hold off sensor with power pack, 120/277V

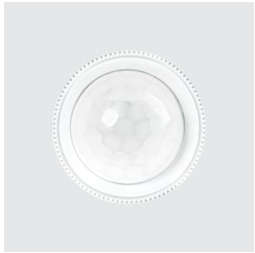
SPECIFICATIONS	
TYPE	PIR Motion + Daylight Hold Off
MOUNTING HEIGHT	8'
LENS	Indoor, non-wet location use
DETECTION ANGLE	360°
TEMPERATURE RANGE	-40° to 55°C
RELATIVE HUMIDITY	5% to 95%, non-condensing
COMMISSIONING	Dials under lens

#### SENSOR COVERAGE PATTERNS

8' height: ø20' coverage



#### SENSOR DETAIL



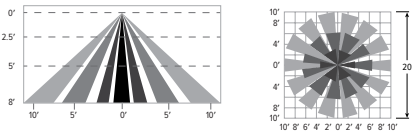
Dimensions: ø1-5/16"

**OCCWS-LMFS-601-PP-120/277** Wattstopper PIR motion and daylight sensor with power pack, 120/277V

SPECIFICATIONS	
TYPE	PIR Motion + Daylight
MOUNTING HEIGHT	8' – 12'
LENS	Up to 300 sq/ft coverage
DETECTION ANGLE	360°
TEMPERATURE RANGE	0° to 50°C
RELATIVE HUMIDITY	0 to 90%, non-condensing
COMMISSIONING	App (iOS or Android)

#### SENSOR COVERAGE PATTERNS

8' height: ø20' coverage



#### SENSOR DETAIL



Dimensions: ø1-5/16"

