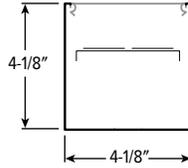


MX4U LED 4" Continuous Up – Suspended



CATALOG #: _____

TYPE: _____

PROJECT: _____



FEATURES

- Create elegant spaces with a seamless, continuous row of illumination
- High-performance up to 117 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/mx4
- Corner configurations available, see Product Builder at hew.com/product-builder
- Support human-centric design with adaptive, individualized lighting using tunable white light
- Diffuse acrylic lens provides uniform illumination for visual comfort
- Wireless in-fixture control solutions available
- 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 boards. L70 >60,000 hours per IES TM-21. 25°C maximum ambient operating temperature. 50/60 Hz constant current driver. Tunable White products use LEDs of multiple shades 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.
 - Build America, Buy America (BABA) and Buy American Act (BAA) compliant. Request certification at hew.com/buy-american
- WARRANTY – 5-year limited warranty, see hew.com/warranty

ORDERING EXAMPLE: MX4U - 12'00 - L8/835 - F - AC/D48 - OPTIONS - CONTROL/DIM - UNV

SERIES ILLUMINATED LENGTH ^[1]
MX4U 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 ^[2]



LUMENS ^[3]	CRI	CCT	SHIELDING	MOUNTING (EXAMPLE: AC/D48) ^[4]		
Single CCT or TW	8 80	27 2700K	F Flat	Prefix	Type	Length
L8 800lm	9 90	30 3000K		AC/ Aircraft cables	D 1" grid & hardpan	24 24"
		35 3500K			N 9/16" grid	48 48"
Single CCT only		40 4000K			S Slot grid	96 96"
L12 1200lm		50 5000K				
L15 1500lm		TW Tunable white (3000K-5000K)				
		TW2 Tunable white (2700K-6500K)				

OPTIONS

See page 4 for **FINISH OPTIONS**.

- EM/10W** 10-watt emergency battery ^[5]
- EM/10WRM** Remote mount 10-watt emergency battery ^[6]
- EM/10WRM/RTS** Remote mount 10-watt emergency battery with regressed test switch ^[7]
- ASY** Asymmetric distribution
- (L__)** Additional lower lumen packages available ^[8]
 Example: 600 lumens = MX4U-12'00-L8/835-(L6)

CONTROL

Click **HERE** for control options.

- None

DRIVER

See page 4 for **ADDITIONAL DRIVER OPTIONS**.

- DIM** Driver with external 0-10V dimming wires
- DIM11%** Driver with external 0-10V dimming wires
- DRV** Driver without external dimming wires ^[9]

VOLTAGE

- 120** 120V
- 277** 277V
- UNV** 120-277V
- 347** 347V ^[10]

NOTES

- Endcaps add 7/8" to overall specified length.
- See page 3 for CORNER DETAILS.
- Lumens per foot output based on 80 CRI, 3500K for static white and 4000K for tunable white. Actual performance may vary ± 5%. See page 2 for FIXTURE PERFORMANCE DATA. Additional lumen packages available, see Options.
- See page 3 for MOUNTING DETAILS.
- L8 and L12 only. Not available with fixtures less than 4'.
- Remote EM batteries: max remote distance 50', including suspension length. Large remote box provided. Specify CEC in the option code when California Energy Commission regulations are required. See page 3 for REMOTE MOUNT BATTERY DETAILS.
- Remote EM batteries: max remote distance 50', including suspension length. Large remote box provided. Specify CEC in the option code when California Energy Commission regulations are required. See page 3 for REMOTE MOUNT BATTERY DETAILS.
- (L4) lumen package minimum. Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
- Not available with tunable white.
- Not available with tunable white or EM batteries.



MX4U LED 4" Continuous Up – Suspended

FIXTURE PERFORMANCE DATA

	PER FOOT		
	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
L8	851	7.3	117
L12	1187	10.8	110
L15	1439	13.5	107

- Photometrics tested in accordance with IESNA LM-79. Results based on F shielding, 80 CRI, 3500K for static white and 4000K for tunable white, 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.
- POE PR fixture efficacy is typically 10-12% higher than shown at same lumen level. Consult factory during project design phase for details.

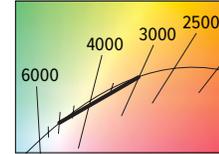
MULTIPLIER TABLES

	COLOR TEMPERATURE			
	CCT	STANDARD	TW	TW2
80 CRI	2700K	0.97	–	0.93
	3000K	0.99	0.95	0.95
	3500K	1.00	0.98	0.98
	4000K	1.03	1.00	1.00
	5000K	1.06	0.96	1.02
6500K	–	–	1.01	

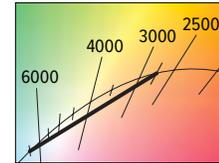
	COLOR TEMPERATURE			
	CCT	STANDARD	TW	TW2
90 CRI	2700K	0.80	–	0.93
	3000K	0.82	0.91	0.95
	3500K	0.83	0.96	0.98
	4000K	0.86	1.00	1.00
	5000K	0.89	1.03	1.03
6500K	–	–	1.02	

ASY OPTION	
WATTAGE	EFFICACY (lm/W)
1.03	0.97

TW

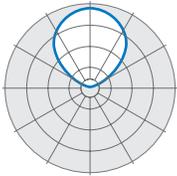


TW2

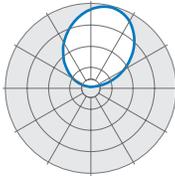


PHOTOMETRY

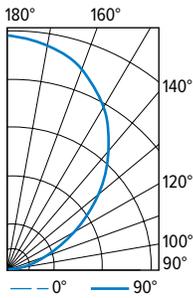
FLAT (F)



ASYMMETRIC (ASY)



MX4U-4'00-L8/835-F-DIM Total Luminaire Output: 3404 lumens; 29.2 Watts | Efficacy: 117 lm/W | 80 CRI; 3500K CCT

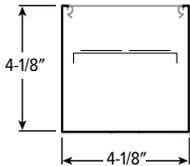


VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
90	0	0	0	
95	20	19	17	29
105	161	123	103	138
115	382	285	242	298
125	643	516	431	477
135	933	818	688	624
145	1189	1112	1006	681
155	1389	1315	1261	603
165	1498	1456	1419	410
175	1557	1519	1501	144
180	1540	1540	1540	

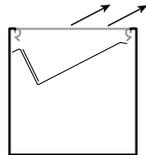
LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	90 - 120	465	14
90 - 130	941	28	
90 - 150	2247	66	
90 - 180	3404	100	
0 - 180	3404	100	

CROSS SECTIONS

FLAT (F)



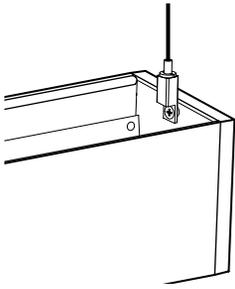
ASYMMETRIC (ASY)



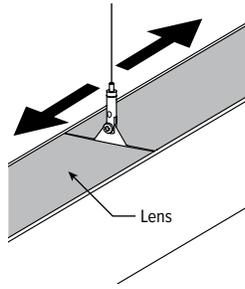
MX4U LED 4" Continuous Up – Suspended

MOUNTING DETAILS

STANDALONE HANGER

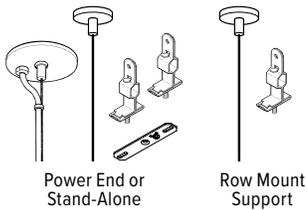


MID-FIXTURE HANGER



Joiner hanger slides to any position along the extrusion. Lens may be cut to fit around the hanger as needed.

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.

CORD FOR SUSPENDED PRODUCT

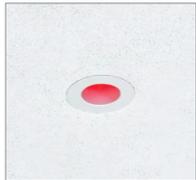
The linear builder uses the mounting length and driver type to auto-select the necessary cord. See details below. Long fixture rows may require multiple feed points based on 18ga conductor size.

EXAMPLE: S2438D/W				
CORD TYPE	LENGTH	# OF COND.	WIRE SIZE	COLOR
S	24 24"	3	8D 18ga	/W White /B Black
	48 48"	4		
	96 96"	5 ⁽¹⁾ 6 ⁽¹⁾		

¹ Includes (2) 22ga purple & pink dimming conductors

REMOTE MOUNT BATTERY DETAILS

EM/10WRM/RTS



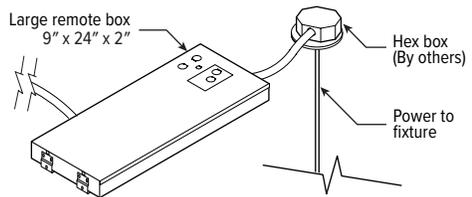
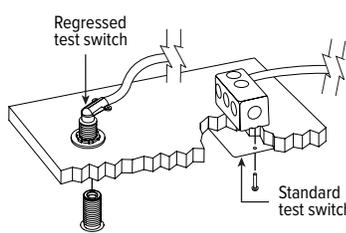
Regressed test switch
ø1-3/4"

EM/10WRM



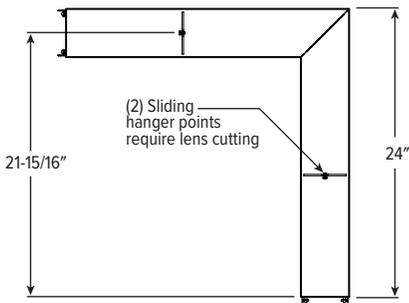
Standard test switch
2-3/4" x 4-1/2"

Max remote distance is 50' including suspension length, connection by others.



CORNER DETAILS

MX490U BACK VIEW



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



MX4U LED 4" Continuous Up – Suspended

FINISH OPTIONS



For custom color, please specify RAL code or a manufacturer code with description. All custom colors other than RAL require four sample swatches, minimum 1" square.

ADDITIONAL DRIVER OPTIONS

Note: Restrictions may apply, consult product builder at hew.com/product-builder

CATALOG NUMBER	DESCRIPTION
DRV ⁽¹⁾	Driver without external dimming wires prewired for non-dimming applications
DIM	Driver with external dimming wires prewired for 0-10V low voltage applications (tunable white: (1) 0-10V signal controls dimming and (1) 0-10V signal controls CCT)
DIM1	1% driver with external dimming wires prewired for 0-10V low voltage applications
DIM LINE ⁽¹⁾	Line voltage dimming driver (TRIAC and ELV compatible, 120V only)
DIM TRC ⁽¹⁾	Line voltage dimming driver (TRIAC compatible, 120V only)
DA	Driver with 12V auxiliary power, without external dimming wires (not available with 347V)
DSR	DALI-2 sensor-ready driver without external dimming wires (Not available with 347V. Static CCTs use D4i DALI-2 driver)
DALI	DALI dimming driver
DMX	Driver prewired for DMX applications
SD40 ⁽¹⁾	40% step-dimming driver
SD50 ⁽¹⁾	50% step-dimming driver
LDE1 ⁽¹⁾	Lutron Hi-lume 1% EcoSystem dimming driver
LD2	Lutron DALI-2 digital driver, 1%
PoE PR	Power over Ethernet-ready, fixture powered and controlled by remote UL- or CSA-listed PoE driver

¹ Single CCT only.

TUNABLE WHITE DRIVER DETAILS

DIM



DMX



DALI



LD2

