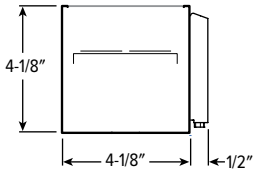
MX4WU LED
4″ Continuous Up – Wall



CATALOG #:

TYPE:

PROJECT:

BAA & BABA COMPLIANT | UL 924 | TW

FEATURES

- Create elegant spaces with a seamless, continuous row of illumination
- Fixture attaches to wall bracket for simple installation
- 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
- 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 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.
- 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.
  - UL 924 available, see Options.
  - 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: MX4WU - 12′00 - L8/835 - F - OPTIONS - CONTROL/DIM - UNV

SERIES
MX4WU

ILLUMINATED LENGTH [1]
Lengths specified in feet and inches using 4″ increments, 2′ minimum.
Example: **12′00** = 12′-0″

PRODUCT BUILDER
Simplify ordering & layout design with the Williams Linear Product Builder at hew.com/product-builder

LUMENS [2]
Single CCT or TW
L8 800lm
Single CCT only
L12 1200lm
L15 1500lm

CRI
8 80
9 90

CCT
27 2700K
30 3000K
35 3500K
40 4000K
50 5000K
TW Tunable white (3000K–5000K)
TW2 Tunable white (2700K-6500K)

SHIELDING
F Flat
FA Flat with asymmetric optic

OPTIONS

*See page 3 for **FINISH OPTIONS**.*

EM/10W	10-watt emergency battery [3]
EM/10WRM	Remote mount 10-watt emergency battery [4]
EM/10WRM/RTS	Remote mount 10-watt emergency battery with regressed test switch [5]
(L__)	Additional lower lumen packages available [6] Example: 600 lumens = MX4WU-12′00-L8/835-**(L6)**

CONTROL

*Click **HERE** for control options.*

– None

DRIVER

*See page 3 for **ADDITIONAL DRIVER OPTIONS**.*

DIM Driver with external 0-10V dimming wires [7]
DIM1 1% Driver with external 0-10V dimming wires [8]
DRV Driver without external dimming wires [9]

VOLTAGE

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

NOTES

1. Endcaps add 7/8″ to overall specified length.
2. Lumens per foot output based on F Shielding, 80 CRI, 3500K for static white and 4000K for tunable white CCT. Actual performance may vary +/-5%. See page 2 for FIXTURE PERFORMANCE DATA. Additional lumen packages available, see Options.
3. Not available with fixtures less than 4′.
4. Remote EM batteries: max remote distance 50′. 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.
5. Remote EM batteries: max remote distance 50′. 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.
6. (L4) lumen package minimum. Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
7. 0.1% Driver with tunable white.
8. Not available with tunable white.
9. Not available with tunable white.
10. Not available with tunable white or EM batteries.

MX4WU LED
4" Continuous Up – Wall

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

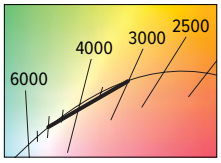
- Photometrics tested in accordance with IESNA LM-79. Results based on F shielding, 80 CRI, 3500K for static white and 4000K for tunable white, average wattage for 120V through 277V input, and 25°C ambient temperature. Actual performance may vary +/-5%.
- To calculate lumen output in emergency mode, multiply the battery wattage by the efficacy.
- Use multiplier tables to calculate additional options.

MULTIPLIER TABLES

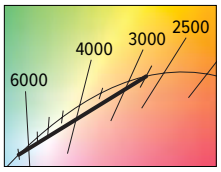
	COLOR TEMPERATURE			
	CCT	STANDARD	TW	TW2
80 CRI	2700K	0.97	–	0.93
	3000K	0.99	0.95	0.95
	3500K	1.00	0.98	0.98
	4000K	1.03	1.00	1.00
	5000K	1.06	0.96	1.02
	6500K	–	–	1.01
90 CRI	2700K	0.80	–	0.93
	3000K	0.82	0.91	0.95
	3500K	0.83	0.96	0.98
	4000K	0.86	1.00	1.00
	5000K	0.89	1.03	1.03
	6500K	–	–	1.02

FA SHIELDING OPTION	
WATTAGE	EFFICACY (lm/W)
1.03	0.97

TW

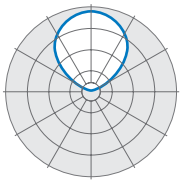


TW2

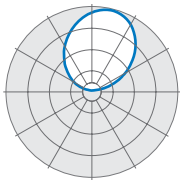


PHOTOMETRY

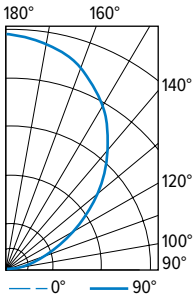
FLAT (F)



ASYMMETRIC (FA)



MX4WU-4'00-L8/835-F-DIM Total Luminaire Output: 3404 lumens; 29.2 Watts | Efficacy: 117 lm/W | 80 CRI; 3500K CCT

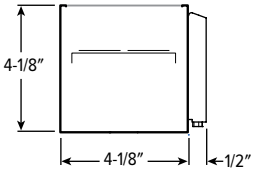


CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE 0°	45°	90°	ZONAL LUMENS
	90	0	0	0	
	95	20	19	17	29
	105	161	123	103	138
	115	382	285	242	298
	125	643	516	431	477
	135	933	818	688	624
	145	1189	1112	1006	681
	155	1389	1315	1261	603
	165	1498	1456	1419	410
	175	1557	1519	1501	144
	180	1540	1540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

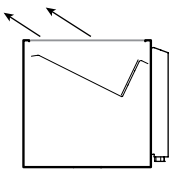
LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	90 - 120	465	14
	90 - 130	941	28
	90 - 150	2247	66
	90 - 180	3404	100
	0 - 180	3404	100

CROSS SECTIONS

FLAT (F)



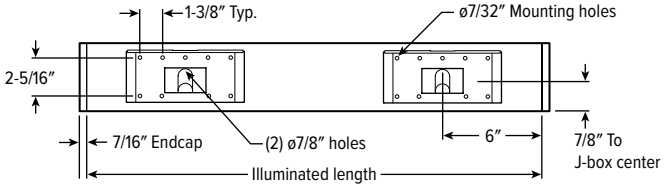
ASYMMETRIC (FA)



MX4WU LED
4″ Continuous Up – Wall

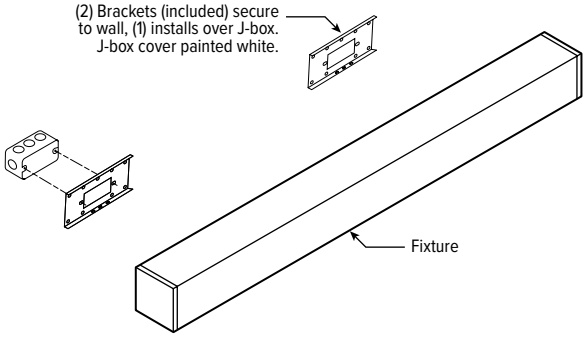
FIXTURE DETAILS

BACK VIEW



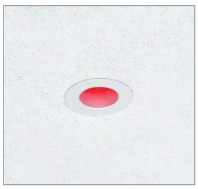
Standalone and feeder fixtures receive two mounting brackets. Joiner fixtures connect to feeder fixtures and receive one mounting bracket.

MOUNTING



REMOTE MOUNT BATTERY DETAILS

EM/10WRM/RTS

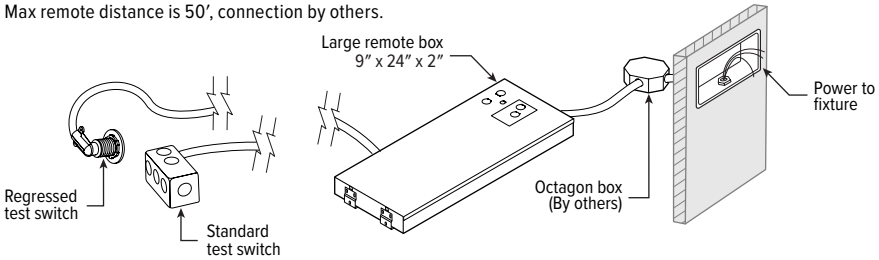


Regressed test switch
ø1-3/4″

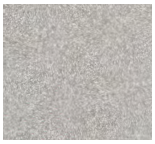
EM/10WRM

Standard test switch
2-3/4″ x 4-1/2″

Max remote distance is 50′, connection by others.



FINISH OPTIONS

WHITE	BLACK	BRONZE	NICKEL	SILVER	ALUM	RAL#____
						

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

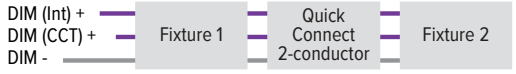
CATALOG NUMBER	DESCRIPTION
DRV [1]	Driver without external dimming wires prewired for non-dimming applications
DIM	Driver with external dimming wires prewired for 0-10V low voltage applications (tunable white: (1) 0-10V signal controls 0.1% dimming and (1) 0-10V signal controls CCT)
DIM1 [1]	1% driver 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 (DMX not available in odd inch increments when specified with tunable white)
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%
DCC	Remote UL Class 2 DC constant current supply, UL- or CSA-listed, by others

1 Single CCT only.

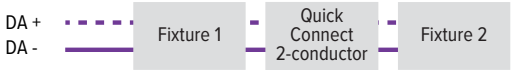
MX4WU LED
4" Continuous Up – Wall

TUNABLE WHITE DRIVER DETAILS

DIM



DMX

DALI

LD2