

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
- Specify in one inch increments to create a perfect fit
- Flat, glowing edge, drop and regressed lenses give designers a variety of looks
- High-performance up to 132 lm/W
- Linear extrusion contains snap-in light rails for ease of installation and maintenance
- Versatile MX2 system includes recessed, surface, suspended and in-wall mounting, see hew.com
- Corner configurations available, see Product Builder at hew.com/product-builder
- Diffuse acrylic lens provides uniform illumination for visual comfort
- Made Right Here® in the USA

SPECIFICATIONS

- HOUSING** – Extruded aluminum.
- SHIELDING** – Extruded, flat, diffuse acrylic lens.
- FINISH** – 92% minimum average reflective white polyester 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** – MX2RT: Drywall mount allowing for ceiling materials 1/4" - 1-1/4" thick. Fixture to be installed prior to drywall or finished ceiling material. MX2RG: NEMA Type "G" 15/16" or 1" grid standard. MX2SG: NEMA Type "SS" 9/16" grid standard.
- LISTINGS** –
 - cCSAus certified as luminaire suitable for dry or damp locations.
 - City of Chicago Environmental Air approved when specified with CP option.
 - Complies with the Buy American Act and other federal regulations. Request certification at hew.com/baa.
- WARRANTY** – 5-year limited warranty, see hew.com/warranty.

ORDERING EXAMPLE: MX2RTR - 8'00 - L8/8TW - F - OPTIONS - CONTROL/DALI - UNV

SERIES	FIXTURE STYLE	LENGTH	Product Builder
MX2R	TR Drywall or Hard Surface - Trim	Lengths specified in feet and inches using 1" increments, 2' minimum.	Easily build shapes & simplify ordering with the Williams Linear Product Builder at hew.com/product-builder ^[3]
	TL Drywall or Hard Surface - Trimless	Example: 8'00 = 8'-0"	
	G Grid ^[1]		
	SG Slot Grid ^[2]		

LUMENS ^[4]	COLOR	SHIELDING ^[5]	OPTIONS
L8 800lm	8TW Tunable white (80 CRI, 3000K-5000K)	F Flat, diffuse acrylic FW Flat, diffuse acrylic with widespread optic G Diffuse acrylic with glowing edge D Diffuse acrylic with 1" drop R Regressed diffuse acrylic, 1" ^[6]	EM/10WLP Low-profile 10-watt emergency battery ^[7] EM/10WRM Remote mount 10-watt emergency battery (L__) Additional lower lumen packages available ^[8] Example: 600 lumens = MX2RTR-8'00-L8/8TW-(L6) WET/CC Wet location under covered ceiling CP Chicago Plenum (CCEA)

CONTROL	DRIVER ^[9]	VOLTAGE
– None	DALI Driver prewired for DALI applications	120 120V
See page 4 for Additional Control Options. ^[10]	DIM (1) 0-10V signal to control dimming (1) 0-10V signal to control CCT	277 277V
	DMX Driver prewired for DMX applications	UNV 120-277V
	PSQ Lutron T-Series 2-channel tunable white 1%	

NOTES

- Earthquake clips provided.
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- See page 3 for CORNER DETAILS.
- Lumens per foot output 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.
- G, D, and R Shielding not available with corner configurations. See page 2 for SHIELDING DETAILS.
- Increases fixture height. See page 2 for SHIELDING DETAILS.
- Not available with fixtures less than 4'.
- (L4) lumen package minimum. Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
- See page 3 for DRIVER DETAILS.
- See page 3 for SENSOR PLACEMENT DETAILS.



MX2R tunable WHITE

2" Continuous – Recessed

FIXTURE PERFORMANCE DATA

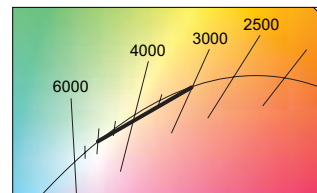
L8	PER FOOT		
	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
	870	6.6	132

- 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

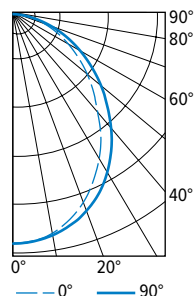
CCT	CONVERSION FACTOR	
	LUMENS	WATTAGE
3000K	0.95	1.04
3500K	0.98	1.02
4000K	1.00	1.00
5000K	0.96	1.04

SHIELDING	
LENS	CONVERSION FACTOR
D	1.05
F	1.00
G	0.98
FW	0.92
R	0.91



PHOTOMETRY

MX2RG-4'00-L8/8TW-F-DALI Total Luminaire Output: 3481 lumens; 26.4 Watts | Efficacy: 131.9 lm/W | 80 CRI; 4000K CCT

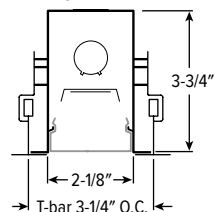


VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	1507	1507	1507	
5	1497	1494	1493	142
15	1428	1415	1394	399
25	1290	1252	1204	576
35	1080	1023	969	641
45	836	776	721	603
55	607	558	512	502
65	394	361	332	360
75	200	187	175	200
85	50	53	53	60
90	1	6	9	

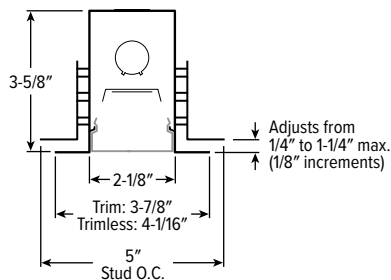
LUMEN SUMMARY	LUMENS		% FIXTURE
	ZONE	LUMENS	
	0 - 30	1116	32
	0 - 40	1757	51
	0 - 60	2861	82
	0 - 90	3480	100
	0 - 180	3481	100

CROSS SECTIONS

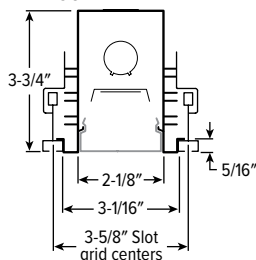
MX2RG



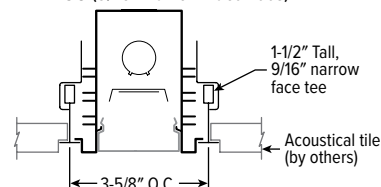
MX2RT



MX2RSG

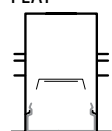


MX2RSG (9/16\"/>

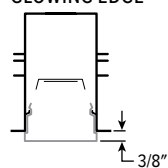


SHIELDING DETAILS

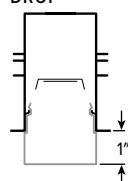
FLAT



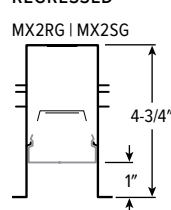
GLOWING EDGE



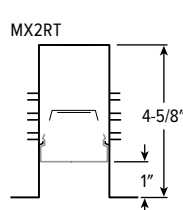
DROP



REGRESSED



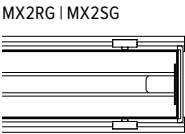
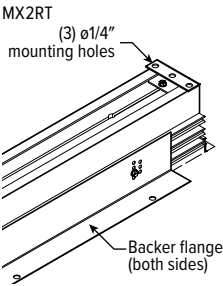
MX2RT



MX2R tunable WHITE 2" Continuous – Recessed

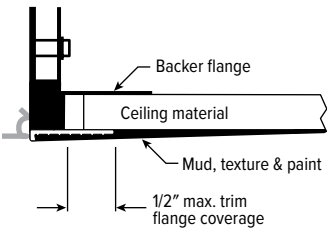
FIXTURE DETAILS

BACK VIEWS

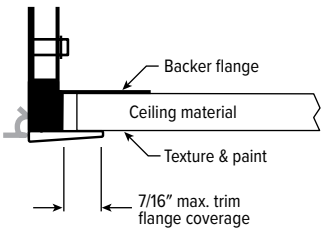


TRIM FINISH DETAILS (MX2RT only)

Trimless (MX2RTL)



Trim (MX2RTR)

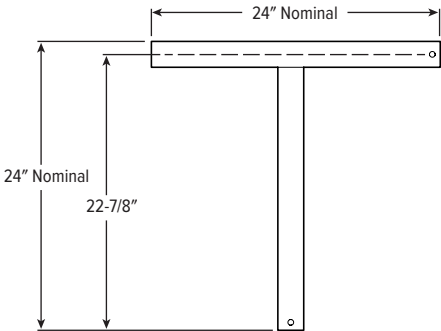
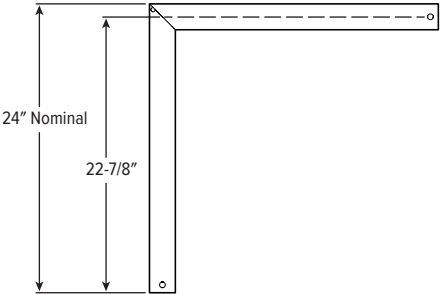


ROUGH-IN DIMENSIONS

- Framing allowance for width (stand-alone) is 3-1/2" ± 1/4".
- Framing allowance for length (All Types) is length plus 1-1/2" minimum.

CORNER DETAILS

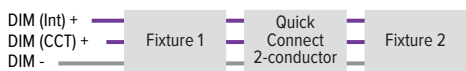
BACK VIEW



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

DRIVER DETAILS

DIM



DMX



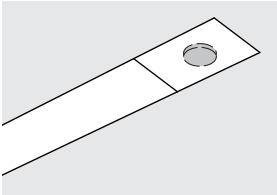
DALI



LUTRON T-SERIES



SENSOR PLACEMENT DETAILS



MX2R

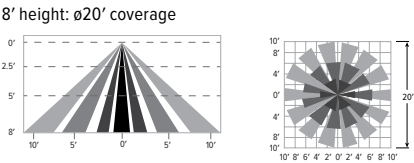
tunable WHITE
2" Continuous – Recessed

ADDITIONAL CONTROL OPTIONS

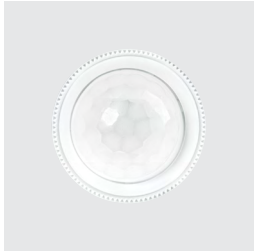
OCCWS-FS-305-L6-PP-120/277 Wattstopper PIR motion and daylight hold off sensor with power pack, 120/277V

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



SENSOR DETAIL

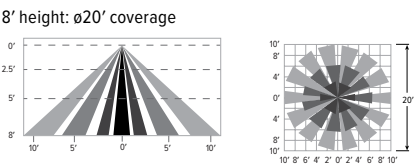


Dimensions: ø1-5/16"

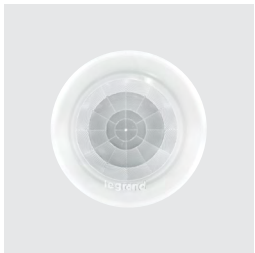
OCCWS-LMFS-601-PP-120/277 Wattstopper PIR motion and daylight sensor with power pack, 120/277V

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



SENSOR DETAIL



Dimensions: ø1-5/16"

