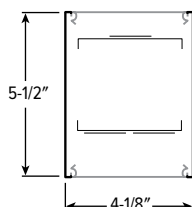
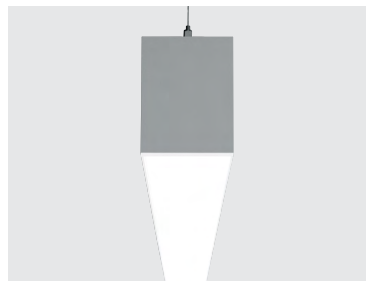


MX4UD tunable WHITE

4" Continuous Up/Down – 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 124 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
- 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 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. 50/60 Hz constant current driver.
- 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: MX4UD - 12'00 - L8/8TWU/L8/8TWD - A/F - AC/D48 - OPTIONS - CONTROL/DALI - UNV

SERIES ILLUMINATED LENGTH ^[1]
MX4UD 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]



LUMEN PACKAGE (EXAMPLE: L8/8TWU/L8/8TWD)

Specify lumen packages: U for Uplight and D for Downlight

LUMENS ^[5]	COLOR	U or D
L8 800lm	8TW Tunable white (80 CRI, 3000K-5000K)	U Uplight D Downlight

SHIELDING UP

A Flat, semi-diffuse acrylic
F Flat, diffuse acrylic ^[3]

SHIELDING DOWN

F Flat, diffuse acrylic
P Proud, diffuse acrylic with 5/16" drop ^[4]

MOUNTING (EXAMPLE: AC/D48) ^[6]

Prefix	Type	Length
AC/	D 1" grid & hardpan	24 24"
	N 9/16" grid	48 48"
	S Slot grid	96 96"

OPTIONS ^[7]

See page 4 for FINISH OPTIONS.

EM/10WRM	Remote mount 10-watt emergency battery ^[8]
EM/10WRM/RTS	Remote mount 10-watt emergency battery with regressed test switch
ASYD	Downlight asymmetric distribution ^[9]
ASYU	Uplight asymmetric distribution ^[10]
ASYUD	Up and down light asymmetric distribution ^[11]
(L__)	Additional lower lumen packages available ^[12] Example: 600 lumens = MX4UD-12'00-L8/8TWU/L8/8TWD-(L6U/L6D)

CONTROL ^[13]

See page 4 for ADDITIONAL CONTROL OPTIONS.

–	None
AWN R	Lutron Athena wireless node integral fixture control, RF only ^[14]
AWN S	Lutron Athena wireless node integral fixture control, RF with daylight and occupancy sensing ^[15]

DRIVER

See page 5 for DRIVER DETAILS.

DALI	Driver prewired for DALI applications
DIM	(1) 0-10V signal to control dimming (1) 0-10V signal to control CCT
DMX	Driver prewired for DMX applications
DSR	Sensor-ready driver without external dimming wires (D4i DALI-2). ^[16]
LD2	Lutron DALI-2 digital driver, 1%

VOLTAGE

120	120V
277	277V
UNV	120-277V

NOTES

- Endcaps add 7/8" to overall specified length.
- See page 3 for CORNER DETAILS.
- Recommended for use in applications where fixture will be viewed from above. Decreases lumen output.
- See page 3 for CROSS SECTIONS. Not available with corner configurations.
- 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.
- 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.
- See page 3 for MOUNTING DETAILS.

- Available with A and F shielding only. Creates uneven lens illumination. See page 3 for CROSS SECTIONS.
- Available with A and F shielding only. Creates uneven lens illumination. See page 3 for CROSS SECTIONS.
- Available with A and F shielding only. Creates uneven lens illumination. See page 3 for CROSS SECTIONS.
- (L4U/L4D) lumen package minimum. Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
- Sensor recommended for use in downlight orientation only. Reduces portion of lit fixture, consult factory. See page 4 for SENSOR & NODE PLACEMENT DETAILS.
- DSR and LD2 Drivers only.
- DSR and LD2 Drivers only.
- Lutron Athena Controls only.



MX4UD tunable WHITE

4" Continuous Up/Down – Suspended

FIXTURE PERFORMANCE DATA

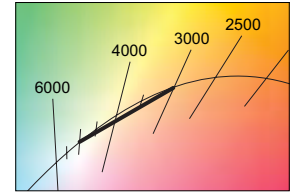
PER FOOT		
DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
1667	13.4	124

- 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

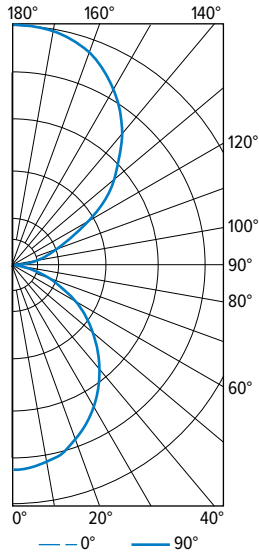
CCT	CONVERSION FACTOR	
	LUMENS	WATTAGE
3000K	0.95	1.04
3500K	0.98	1.02
4000K	1.00	1.00
5000K	0.96	1.04

ASY OPTION	
WATTAGE	EFFICACY (lm/W)
1.02	0.98



PHOTOMETRY

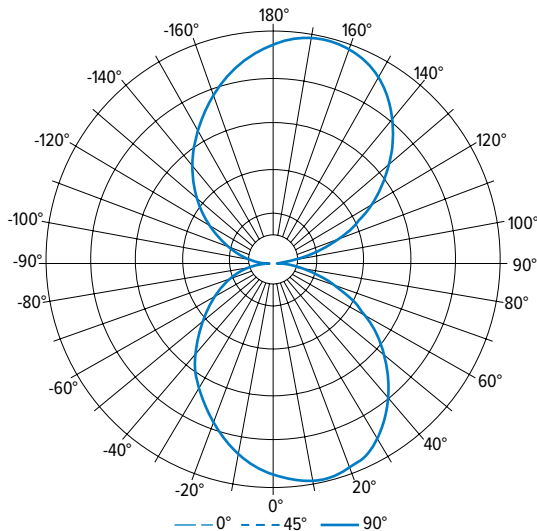
MX4UD-4'00-L8/8TWU/L8/8TWD-A/F-DALI Total Luminaire Output: 6668 lumens; 53.7 Watts | Efficacy: 124 lm/W | 80 CRI; 4000K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE						ZONAL LUMENS
	0°	45°	90°	135°	180°		
0	1144	1144	1144	1144	1144		
5	1164	1152	1124	1122	1134		108
15	1112	1102	1080	1064	1070		306
25	1016	1008	975	965	965		453
35	871	865	839	821	813		526
45	702	700	676	660	628		520
55	528	516	492	484	478		445
65	335	327	315	309	309		315
75	159	151	143	147	140		159
85	28	24	18	22	24		35
90	6	6	12	6	6		
95	58	68	70	62	56		71
105	199	215	217	195	171		220
115	397	422	442	391	357		407
125	648	670	690	632	590		588
135	929	939	941	897	853		705
145	1138	1142	1150	1098	1074		704
155	1289	1293	1299	1258	1234		589
165	1367	1371	1385	1347	1331		385
175	1383	1389	1415	1377	1357		132
180	1385	1385	1385	1385	1385		

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	866	13
	0 - 40	1392	21
	0 - 60	2358	35
	0 - 90	2867	43
	90 - 120	698	11
	90 - 130	1286	19
	90 - 150	2695	40
	90 - 180	3801	57
	0 - 180	6668	100

MX4UD-4'00-L8/8TWU/L8/8TWD-ASYUD-DIM-UNV Total Luminaire Output: 6668 lumens; 53.6 Watts | Efficacy: 124 lm/W | 80 CRI; 4000K CCT



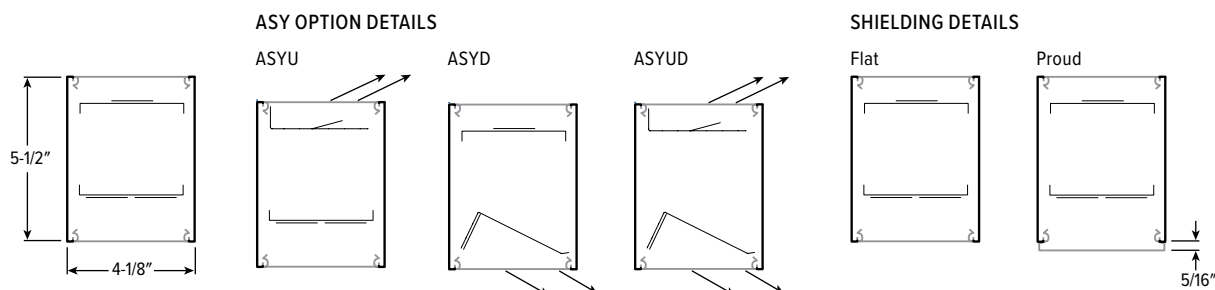
VERTICAL ANGLE	HORIZONTAL ANGLE						ZONAL LUMENS
	0°	45°	90°	135°	180°		
0	1182	1182	1182	1182	1182		
5	1179	1205	1218	1205	1179		112
15	1129	1215	1252	1215	1129		319
25	1037	1165	1218	1165	1037		480
35	904	1050	1111	1050	904		570
45	745	891	945	891	745		581
55	575	702	749	702	575		520
65	394	494	530	494	394		397
75	209	282	308	282	209		233
85	51	88	102	88	51		70
90	5	26	40	26	5		
95	53	91	106	91	53		72
105	215	291	318	291	215		240
115	407	510	547	510	407		410
125	593	724	773	724	593		537
135	769	920	976	920	769		599
145	933	1084	1147	1084	933		588
155	1071	1202	1257	1202	1071		495
165	1166	1255	1293	1255	1166		329
175	1217	1244	1258	1244	1217		115
180	1220	1220	1220	1220	1220		

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	910	14
	0 - 40	1480	22
	0 - 60	2581	39
	0 - 90	3281	49
	90 - 120	723	11
	90 - 130	1260	19
	90 - 150	2447	37
	90 - 180	3387	51
	0 - 180	6668	100



MX4UD tunable WHITE 4" Continuous Up/Down – Suspended

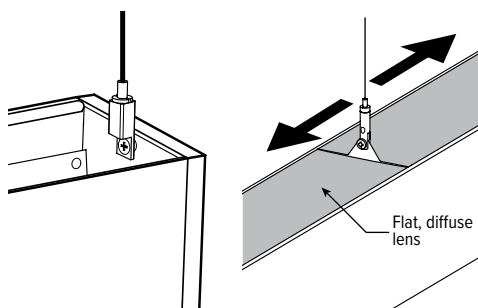
CROSS SECTIONS



MOUNTING DETAILS

See hew.com/power-entry for power entry details.

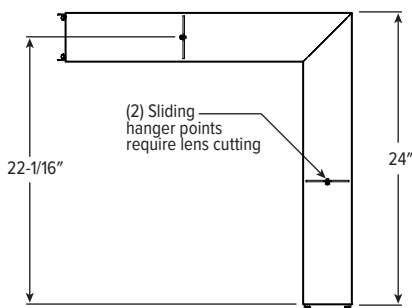
INDIRECT HANGER DETAILS



Standalone hanger

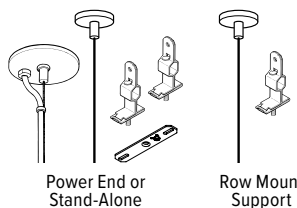
Joiner hanger slides to any position along the extrusion. Lens may be cut to fit around the hanger as needed.

CORNER DETAILS



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

STANDARD HARDWARE FOR SUSPENDED PRODUCT (Grid and Hardpan)

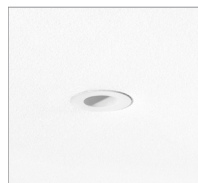


Notes:

- 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 DETAILS

EM/10WRM/RTS



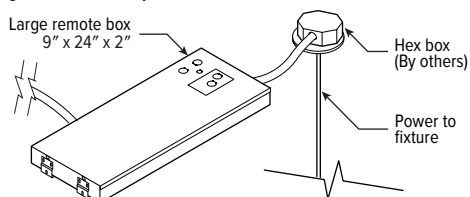
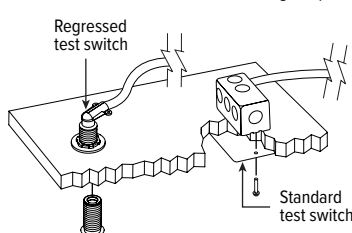
Regressed test switch
ø1-3/4"

EM/10WRM



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

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

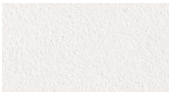


MX4UD tunable WHITE

4" Continuous Up/Down – Suspended

FINISH OPTIONS

WHITE



BLACK



BRONZE



NICKEL



SILVER



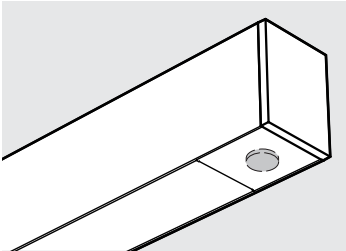
ALUM



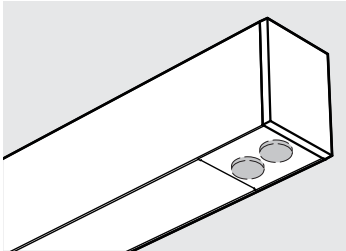
For custom color, please specify RAL code or a manufacturer code with description. All custom colors other than RAL require two sample swatches, minimum 1" square.

SENSOR & NODE PLACEMENT DETAILS

WS-FS | WS-LMFS



AWNRR | AWNS



ADDITIONAL CONTROL OPTIONS

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

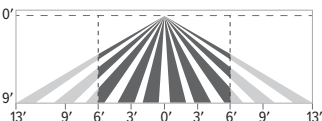
AWNS Lutron Athena wireless node integral fixture control, RF with daylight and occupancy sensing. DSR and LD2 Drivers only.

SPECIFICATIONS	
TYPE	Radio Frequency
MOUNTING HEIGHT	8' – 12'
DETECTION ANGLE	360°
TEMPERATURE RANGE	0° to 55°C
RELATIVE HUMIDITY	0 to 90%, non-condensing
COMMISSIONING	Clear Connect gateway – Type X with app (iOS or Android)
MANUFACTURER	Lutron



SENSOR COVERAGE PATTERNS

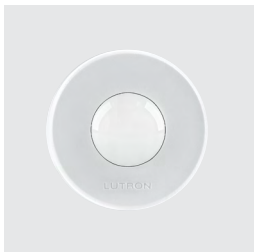
9' height: ø12' coverage



Motion Sensor Coverage

CEILING HEIGHT	COVERAGE AREA (SQ FT)
8'	114
9'	144
10'	178
12'	256

SENSOR DETAIL



Dimensions: ø1-1/8"

ATHENA CONTROL OPTIONS

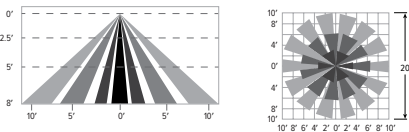
CATALOG NUMBER	DESCRIPTION
AWNRR	Lutron Athena wireless node integral fixture control, RF only, for use with sensor-ready driver (D4i DALI-2) or DALI-2 digital driver 1%.
AWNS	Lutron Athena wireless node integral fixture control, RF with daylight and occupancy sensing, for use with sensor-ready driver (D4i DALI-2) or DALI-2 digital driver 1%.
AWNRR-BL	Lutron Athena wireless node integral fixture control, RF only, for use with sensor-ready driver (D4i DALI-2) or DALI-2 digital driver 1%, black finish.
AWNS-BL	Lutron Athena wireless node integral fixture control, RF with daylight and occupancy sensing, for use with sensor-ready driver (D4i DALI-2) or DALI-2 digital driver 1%, black finish.

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

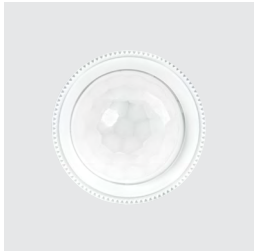
SPECIFICATIONS	
TYPE	PIR Motion + Daylight Hold Off
MOUNTING HEIGHT	8'
LENS	Indoor, non-wet location use
DETECTION ANGLE	360°
TEMPERATURE RANGE	-40° to 55°C
RELATIVE HUMIDITY	5% to 95%, non-condensing
COMMISSIONING	Dials under lens

SENSOR COVERAGE PATTERNS

8' height: ø20' coverage



SENSOR DETAIL



Dimensions: ø1-5/16"



MX4UD

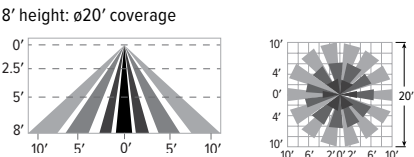
tunable WHITE

4" Continuous Up/Down – Suspended

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"

DRIVER DETAILS

