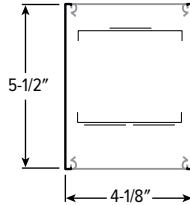


MX4UD tunable WHITE

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
- 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 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.
- 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

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^[1]



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

Specify lumen packages: U for Uplight and D for Downlight

LUMENS ^[4]	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^[2]

SHIELDING DOWN

F Flat, diffuse acrylic
P Proud, diffuse acrylic with 5/16" drop^[3]

MOUNTING (EXAMPLE: AC/D48)^[5]

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

OPTIONS^[6]

See page 3 for FINISH OPTIONS.

EM/10WRM	Remote mount 10-watt emergency battery ^[7]
ASYD	Downlight asymmetric distribution ^[8]
ASYU	Uplight asymmetric distribution ^[9]
ASYUD	Up and down light asymmetric distribution ^[10]
(L__)	Additional lower lumen packages available ^[11] Example: 600 lumens = MX4UD-12'00-L8/8TWU/L8/8TWD-(L6U/L6D)

CONTROL

– None
See page 4 for Additional Control Options.^[13]

DRIVER^[12]

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
PSQ Lutron T-Series 2-channel tunable white 1%

VOLTAGE

120 120V
277 277V
UNV 120-277V

NOTES

- 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.
- See Technical Info for Power Entry 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.
- See page 4 for DRIVER DETAILS.
- See page 4 for SENSOR PLACEMENT DETAILS.



MX4UD tunable WHITE

4" Continuous Up/Down – Suspended

FIXTURE PERFORMANCE DATA

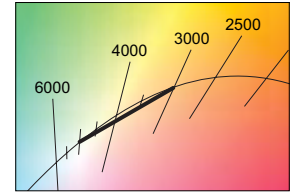
PER FOOT		
DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
1667	13.4	124

- 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

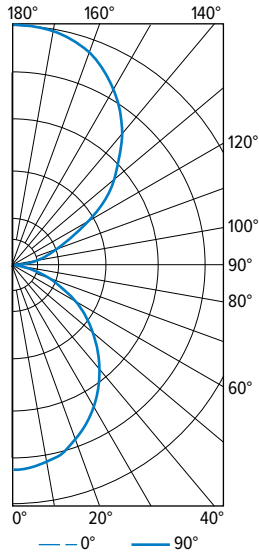
CCT	CONVERSION FACTOR	
	LUMENS	WATTAGE
3000K	0.95	1.04
3500K	0.98	1.02
4000K	1.00	1.00
5000K	0.96	1.04

ASY OPTION	
WATTAGE	EFFICACY (lm/W)
1.02	0.98



PHOTOMETRY

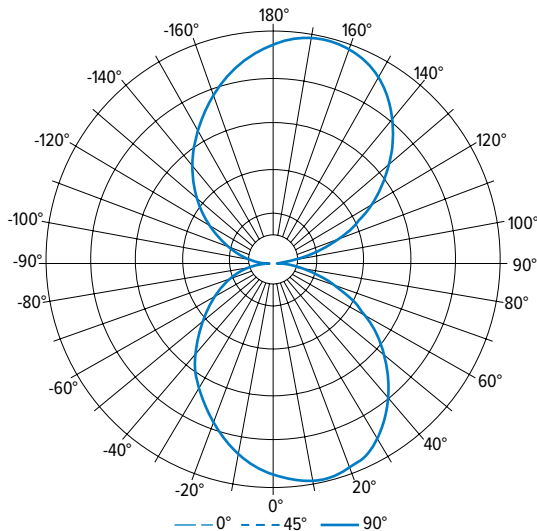
MX4UD-4'00-L8/8TWU/L8/8TWD-A/F-DALI Total Luminaire Output: 6668 lumens; 53.7 Watts | Efficacy: 124 lm/W | 80 CRI; 4000K CCT



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	

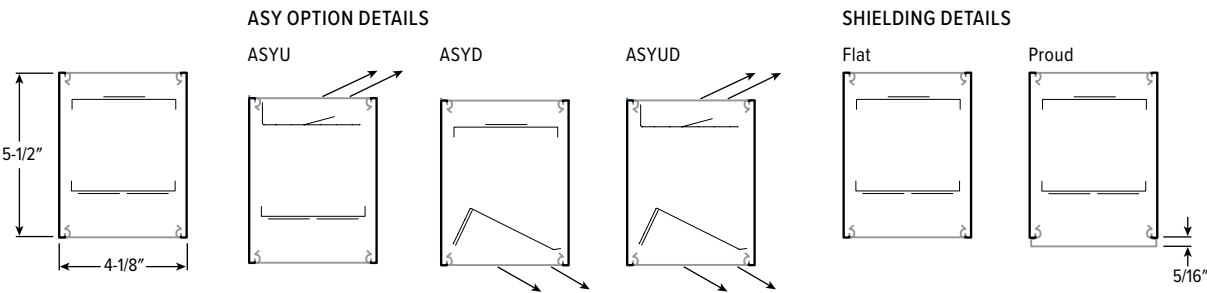
LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	910	14
	0 - 40	1480	22
	0 - 60	2581	39
	0 - 90	3281	49
	90 - 120	723	11
	90 - 130	1260	19
	90 - 150	2447	37
	90 - 180	3387	51
	0 - 180	6668	100



MX4UD tunable WHITE

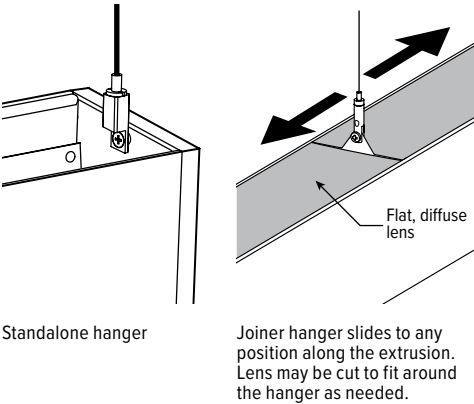
4" Continuous Up/Down – Suspended

CROSS SECTIONS

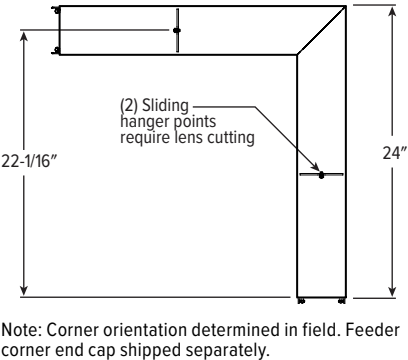


MOUNTING DETAILS

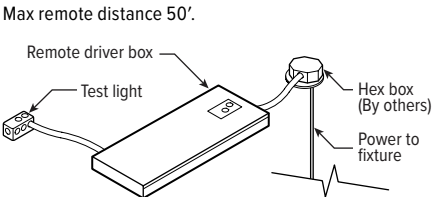
INDIRECT HANGER DETAILS



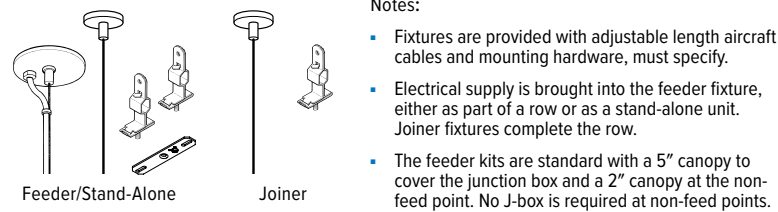
CORNER DETAILS



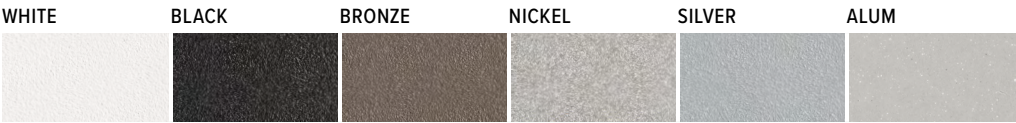
REMOTE MOUNT BATTERY



STANDARD HARDWARE FOR SUSPENDED PRODUCT (Grid and Hardpan)



FINISH OPTIONS



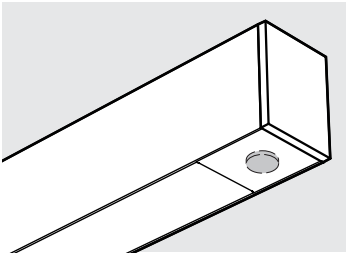
For custom color, please specify RAL code or a manufacturer code with description. All custom colors other than RAL require two sample swatches, minimum 1" square.



MX4UD tunable WHITE

4" Continuous Up/Down – Suspended

SENSOR PLACEMENT DETAILS



ADDITIONAL CONTROL OPTIONS

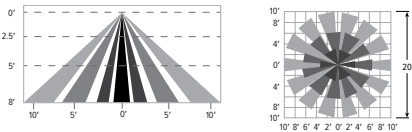
Sensor recommended for use in downlight orientation only. Reduces portion of lit fixture, consult factory.

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

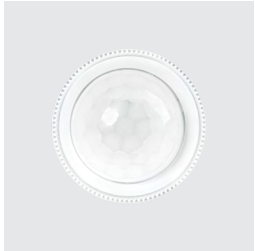
SPECIFICATIONS	
TYPE	PIR Motion + Daylight Hold Off
MOUNTING HEIGHT	8'
LENS	Indoor, non-wet location use
DETECTION ANGLE	360°
TEMPERATURE RANGE	-40° to 55°C
RELATIVE HUMIDITY	5% to 95%, non-condensing
COMMISSIONING	Dials under lens

SENSOR COVERAGE PATTERNS

8' height: ø20' coverage



SENSOR DETAIL



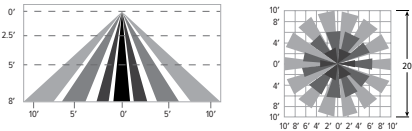
Dimensions: ø1-5/16"

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



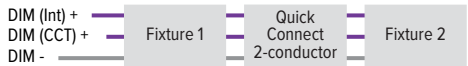
SENSOR DETAIL



Dimensions: ø1-5/16"

DRIVER DETAILS

DIM



DALI



DMX



LUTRON T-SERIES

