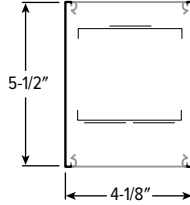


MX4UD LED

4" Continuous Up/Down – Suspended



CATALOG #: _____

TYPE: _____

PROJECT: _____

FEATURES

- Available with BIOS® SkyBlue® technology to support proper daytime circadian stimulus
- 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
- Maximize energy savings with efficacies as high as 119 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 boards. L70 >60,000 hours per IES TM-21. 25°C maximum ambient operating temperature.
- 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.
 - DesignLights Consortium qualified product. Not all versions of this product may be DLC qualified, see the DLC Qualified Products List at www.designlights.org/QPL.
- WARRANTY** – 5-year limited warranty, see hew.com/warranty.



ORDERING EXAMPLE: MX4UD - 12'00 - L8/835U/L8/835D - A/F - AC/D48 - OPTIONS - CONTROL - DIM - UNV

SERIES **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: L8/835U/L8/835D)

Specify lumen packages: U for Uplight and D for Downlight

LUMENS ^[4]	CRI	CCT	U or D
L8 800lm	8 80	27 2700K	U Uplight
L12 1200lm	9 90 ^[5]	30 3000K	D Downlight
L15 1500lm		35 3500K	
		40 4000K	
		50 5000K	

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)^[6]

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

OPTIONS^[7]

- EM/7WRM Remote mount 7-watt emergency battery
- EM/10WRM Remote mount 10-watt emergency battery
- 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-L8/835U/L8/835D-(L6U/L6D)

CONTROL^[12]

- None
- WS FS-305-L6-PP-120/277 Wattstopper PIR motion and daylight hold off sensor with power pack, 120/277V
- WS LMFS-601-PP-120/277 Wattstopper PIR motion and daylight sensor with power pack, 120/277V
- SS SFR-7-120/277 Sensor Switch PIR motion sensor, 120/277V

DRIVER^[13]

- DIM Entire fixture switches and dims together
- DRV Non dimming, entire fixture switches together

VOLTAGE

- 120 120V
- 277 277V
- UNV 120-277V
- 347 347V^[14]

NOTES

- See page 5 for CORNER DETAILS.
- Recommended for use in applications where fixture will be viewed from above. Decreases lumen output.
- See page 4 for SHIELDING DETAILS. Not available with corner configurations.
- Lumens per foot output based on 3500K CCT and F shielding. Actual lumens may vary ± 5%. See page 2 for FIXTURE PERFORMANCE DATA. Additional lumen packages available, see Options.
- Extended lead times may apply. Consult factory for availability.
- See page 4 for MOUNTING DETAILS.
- See page 4 for FINISH OPTIONS. Custom colors available upon request. See Technical Info for [Power Entry](#) details.
- Available with A and F shielding only. Creates uneven lens illumination. See page 5 for CROSS SECTIONS.
- Available with A and F shielding only. Creates uneven lens illumination. See page 5 for CROSS SECTIONS.
- Available with A and F shielding only. Creates uneven lens illumination. See page 5 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 3 for CONTROL DETAILS. Sensor recommended for use in downlight orientation only. Reduces portion of lit fixture, consult factory.
- See page 4 for ADDITIONAL DRIVER OPTIONS.
- Not available with EM batteries or control sensors



MX4UD^{LED} 4" Continuous Up/Down – Suspended

FIXTURE PERFORMANCE DATA

	PER FOOT		
	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
L8	1683	14.2	119
L12	2370	21.9	108
L15	2885	27.6	105

- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
- Wattage shown is average for 120V through 277V input.
- Results based on F shielding for Down compartment and A shielding for Up compartment, 3500K, 80 CRI, actual lumens may vary +/-5%
- Use multiplier table to calculate additional options.

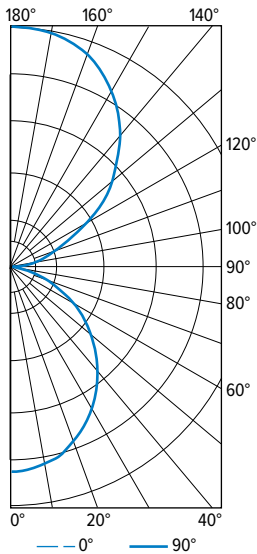
MULTIPLIER TABLE

	COLOR TEMPERATURE	
	CCT	CONVERSION FACTOR
80 CRI	2700K	0.97
	3000K	0.99
	3500K	1.00
	4000K	1.03
	5000K	1.06
90 CRI	2700K	0.82
	3000K	0.83
	3500K	0.84
	4000K	0.86
	5000K	0.90

ASY OPTION	
WATTAGE	EFFICACY (lm/W)
1.02	0.98

PHOTOMETRY

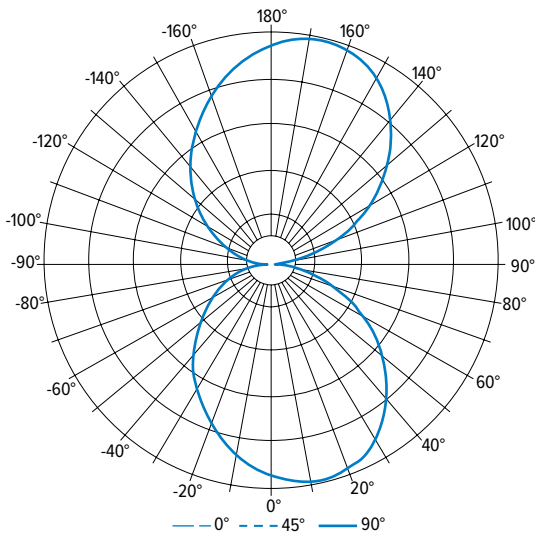
MX4UD-4'00-L8/835U/L8/835D-A/F-DIM Total Luminaire Output: 6732 lumens; 56.8 Watts | Efficacy: 119 lm/W | 80 CRI; 3500K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE					ZONAL LUMENS
	0°	45°	90°	135°	180°	
0	1155	1155	1155	1155	1155	
5	1175	1163	1135	1133	1145	109
15	1123	1113	1091	1075	1081	309
25	1026	1018	984	974	974	457
35	879	873	847	829	821	531
45	708	706	682	666	634	526
55	533	521	497	489	483	449
65	338	330	318	312	312	318
75	161	153	145	149	141	161
85	28	24	18	22	24	36
90	6	6	12	6	6	
95	58	68	70	62	56	71
105	201	217	219	197	173	222
115	400	427	447	394	360	411
125	654	676	696	638	596	594
135	938	948	950	905	861	712
145	1149	1153	1161	1109	1085	711
155	1302	1306	1312	1270	1246	595
165	1380	1384	1398	1360	1344	388
175	1396	1403	1429	1390	1370	133
180	1398	1398	1398	1398	1398	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	875	13
0 - 40	1406	21	
0 - 60	2380	35	
0 - 90	2894	43	
90 - 120	704	11	
90 - 130	1298	19	
90 - 150	2721	40	
90 - 180	3838	57	
0 - 180	6732	100	

MX4UD-4'00-L8/835U/L8/835D/ASYUD-DIM-UNV Total Luminaire Output: 6501 lumens; 58.4 Watts | Efficacy: 111 lm/W | 80 CRI; 3500K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE					ZONAL LUMENS
	0°	45°	90°	135°	180°	
0	1153	1153	1153	1153	1153	
5	1149	1175	1188	1175	1149	109
15	1101	1185	1221	1185	1101	311
25	1011	1135	1187	1135	1011	468
35	881	1024	1083	1024	881	556
45	726	868	922	868	726	566
55	560	684	730	684	560	507
65	384	481	516	481	384	387
75	203	275	300	275	203	227
85	50	86	100	86	50	68
90	5	26	39	26	5	
95	51	89	103	89	51	71
105	210	284	310	284	210	234
115	397	497	533	497	397	400
125	578	706	754	706	578	524
135	750	897	952	897	750	584
145	910	1057	1118	1057	910	574
155	1044	1172	1226	1172	1044	483
165	1137	1223	1260	1223	1137	321
175	1186	1213	1226	1213	1186	112
180	1189	1189	1189	1189	1189	

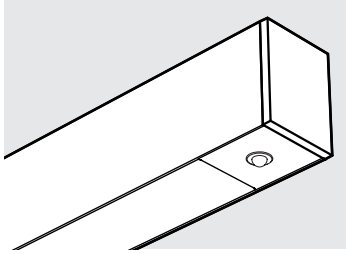
LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	887	14
0 - 40	1443	22	
0 - 60	2516	39	
0 - 90	3198	49	
90 - 120	704	11	
90 - 130	1228	19	
90 - 150	2386	37	
90 - 180	3302	51	
0 - 180	6501	100	



MX4UD^{LED} 4" Continuous Up/Down – Suspended

CONTROL DETAILS

SENSOR PLACEMENT

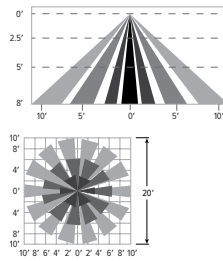


WS FS-305-L6-PP-120/277

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
MANUFACTURER	Wattstopper

SENSOR COVERAGE PATTERNS

8' height: ø20' coverage

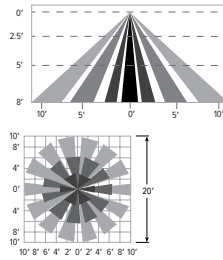


WS LMFS-601-PP-120/277

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)
MANUFACTURER	Wattstopper

SENSOR COVERAGE PATTERNS

8' height: ø20' coverage

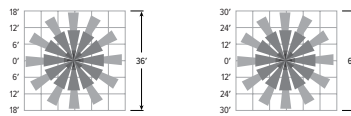


SS SFR-7-120/277

SPECIFICATIONS	
TYPE	PIR Motion
MOUNTING HEIGHT	8' – 20'
DETECTION ANGLE	360°
TEMPERATURE RANGE	-10° to 60°C
RELATIVE HUMIDITY	0 to 90%, non-condensing
COMMISSIONING	Single push button on sensor
MANUFACTURER	Sensor Switch

SENSOR COVERAGE PATTERNS

9' height: ø36' coverage 15' height: ø60' coverage



MX4UD LED

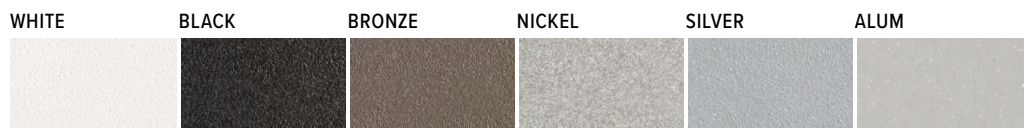
4" Continuous Up/Down – Suspended

ADDITIONAL DRIVER OPTIONS

Note: Lumen restrictions apply, consult product builder at hew.com/product-builder.

CATALOG NUMBER	DESCRIPTION
DRV	Driver prewired for non-dimming applications; entire fixture switches together
DIM	Dimming driver prewired for 0-10V low voltage applications; entire fixture switches and dims together
DRVU/DRVD	Driver prewired for non-dimming applications; up and down portions switch separately
DRVU/DIMD	Driver prewired for non-dimming applications; up and down portions switch separately; 0-10V on down portion only
DIMU/DRVD	Up and down portions switch separately; dimming driver prewired for 0-10V low voltage applications on up portion only
DIMU/DIMD	Dimming driver prewired for 0-10V low voltage applications; up and down portions switch and dim separately
DRVDIMU	Entire fixture switches together; dimming driver prewired for 0-10V low voltage applications on up portion only
DRVDIMD	Entire fixture switches together; dimming driver prewired for 0-10V low voltage applications on down portion only
DIM1	1% dimming driver prewired for 0-10V low voltage applications
DIM LINE	Line voltage dimming driver (TRIAC and ELV compatible, 120V only)
DIM TRC	Line voltage dimming driver (TRIAC compatible, 120V only)
DIM LINEU/DIM LINED	Line voltage switching and line voltage dimming; up and down portions switch separately
DIM LINEU/DRVD	Up and down portions switch separately; line voltage dimming on up portion only
DRVU/DIM LINED	Up and down portions switch separately; line voltage dimming on down portion only

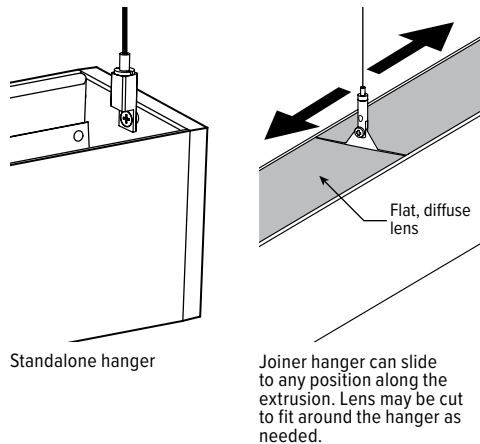
FINISH OPTIONS



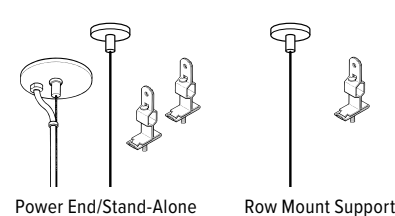
For custom color, please specify RAL code or a manufacturer code with description. All custom colors other than RAL require two sample swatches, minimum 1" square.

MOUNTING DETAILS

INDIRECT HANGER DETAILS



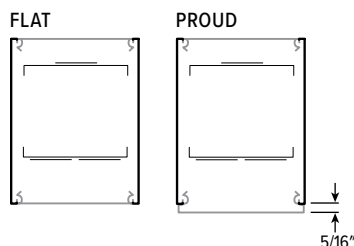
STANDARD HARDWARE



Notes:

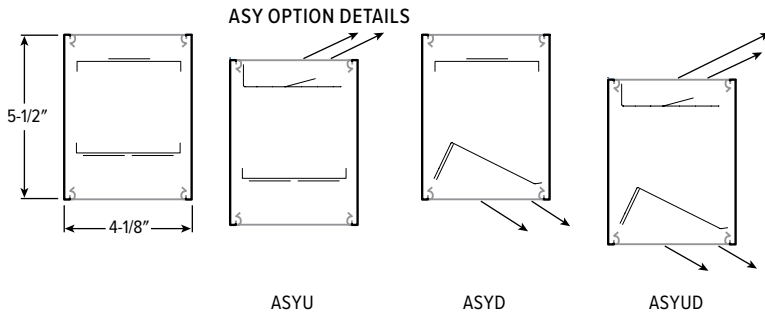
- Fixtures are provided with adjustable length aircraft cables and mounting hardware, must specify.
- Electrical supply is brought into the feeder (or stand-alone) fixture, either as part of a row or as an individual mount unit. Power feed locations are at end of fixture.
- One 5" canopy included for each feeder fixture. One 2" canopy included for each additional fixture required in a row.

SHIELDING DETAILS



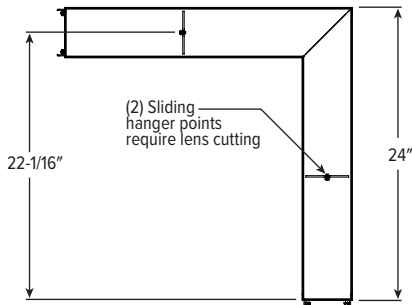
MX4UD^{LED} 4" Continuous Up/Down – Suspended

CROSS SECTIONS



CORNER DETAILS

BACK VIEW



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

