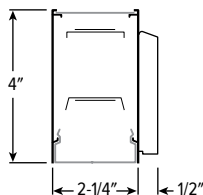
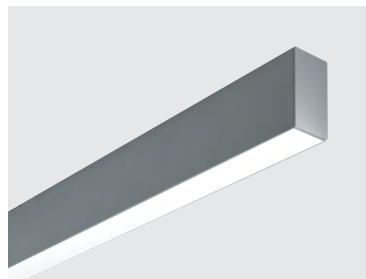


MX2WUD LED

2" Continuous Up/Down – Wall



CATALOG #: _____

TYPE: _____

PROJECT: _____



FEATURES

- Create elegant spaces with a seamless, continuous row of illumination in an ADA Compliant design
- 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 125 lm/W
- Linear extrusion contains snap-in light rails for ease of installation and maintenance
- Wall bracket design evenly spaces fixtures automatically
- Attractive source of direct and indirect lighting
- Factory installed row alignment system creates straight rows with ease
- Versatile MX2 system includes recessed, surface, suspended and in-wall mounting, see hew.com
- Wireless in-fixture control solutions available
- Available with BIOS® SkyBlue® technology to support proper daytime circadian stimulus
- 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. Reported L70: >54,000 hours. Reported L90: 52,000 hours. Estimated L70: 170,000 hours. 25°C maximum ambient operating temperature.
- MOUNTING** – Wall mount. Powder coated, die-formed C.R.S. receiving bracket mounted to fixture which attaches to wall mounted bracket.
- LISTINGS** –
 - cCSAus certified as luminaire suitable for dry or damp locations.
 - ADA Compliant
 - 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: MX2WUD - 12'00 - L8/835U/L8/835D - F/F - OPTIONS - CONTROL/DIM - UNV

SERIES	ILLUMINATED LENGTH	LUMEN PACKAGE (EXAMPLE: L8/835U/L8/835D)			
MX2WUD	Lengths specified in feet and inches using 1" increments, 2' minimum. Example: 12'00 = 12'-0"	Specify lumen packages: U for Uplight and D for Downlight			
		LUMENS ^[1]	CRI	CCT	U or D
		L4 400lm	8 80	27 2700K	U Uplight
		L8 800lm	9 90 ^[2]	30 3000K	D Downlight
		L12 1200lm		35 3500K	
	PRODUCT BUILDER	L20 2000lm		40 4000K	
	Simplify ordering & layout design with the Williams Linear Product Builder at hew.com/product-builder			50 5000K	

SHIELDING UP	SHIELDING DOWN	OPTIONS
F Flat, diffuse acrylic G Diffuse acrylic with glowing edge FA Flat, diffuse acrylic with asymmetric optic	F Flat, diffuse acrylic G Diffuse acrylic with glowing edge D Diffuse acrylic with 1" drop R Regressed diffuse acrylic, 1" ^[3]	See page 2 for FINISH OPTIONS . EM/10WLP Low-profile 10-watt emergency battery ^[4] EM/10WRM Remote mount 10-watt emergency battery ^[5] (L__) Additional lower lumen packages available ^[6] Example: 600 lumens = MX2WUD-12'00-L8/835U/L8/835D-(L6U/L6D)

CONTROL ^[7]	DRIVER	VOLTAGE
See page 5 for ADDITIONAL CONTROL OPTIONS .	See page 6 for ADDITIONAL DRIVER OPTIONS .	120 120V
– None		277 277V
AVI-LVFA Avi-on wireless fixture control ^[8]	DIM Driver with external dimming wires. Up and down switch and dim together	UNV 120-277V
AVI-LVFA-CS2-PIR Avi-on wireless fixture control with PIR motion and daylight sensor ^[9]	DA Driver with 12V auxiliary power without external dimming wires. Up and down switch together ^[12]	347 347V ^[14]
AWNRR Lutron Athena wireless node integral fixture control, RF only ^[10]	DSR Sensor-ready driver without external dimming wires (DAi DALI-2). Up and down switch together ^[13]	
AWNS Lutron Athena wireless node integral fixture control, RF with daylight and occupancy sensing ^[11]		

NOTES

- Lumens per foot output based on F Shielding 80 CRI/3500K CCT. Actual performance may vary ± 5%. 2000 lumens per foot maximum. See page 2 for **FIXTURE PERFORMANCE DATA**. Additional lumen packages available, see Options.
- Extended lead times may apply. Consult factory for availability.
- Increases fixture height. See page 3 for **SHIELDING DETAILS**.
- Not available with fixture less than 4', maximum combined lumens cannot exceed 1600 per foot.
- See page 3 for **MOUNTING DETAILS**.
- (L4U/L4D) lumen package minimum. Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
- Sensors not available in fixtures less than 48". Sensor recommended for use in downlight orientation only. Reduces portion of lit fixture, consult factory. See page 4 for **AVI-ON BLUETOOTH WIRELESS CONTROL DETAILS**. See page 3 for **SENSOR & NODE PLACEMENT DETAILS**.
- DA Driver only.
- DA Driver only.
- DA and DSR Drivers only.
- DA and DSR Drivers only.
- Avi-on and Lutron Athena Controls only.
- Lutron Athena Controls only.
- Not available with EM batteries, control sensors, DA, or DSR Drivers.



MX2WUD^{LED} 2" Continuous Up/Down – Wall

FIXTURE PERFORMANCE DATA

	PER FOOT (2000 LUMENS PER FOOT MAXIMUM)				
	DELIVERED LUMENS			TOTAL WATTAGE	EFFICACY (lm/W)
	UP	DOWN	TOTAL		
L4/835U/L4/835D	417	376	793	6.8	117
L4/835U/L8/835D	417	752	1168	10.1	116
L8/835U/L4/835D	834	376	1210	10.1	120
L8/835U/L8/835D	834	752	1585	13.4	118
L8/835U/L12/835D	834	1127	1961	16.2	121
L4/835U/L12/835D	417	1127	1544	13.5	114
L12/835U/L4/835D	1251	376	1627	13.5	121
L12/835U/L8/835D	1251	752	2002	15.9	126

- Photometrics tested in accordance with IESNA LM-79. Results based on F shielding for Up and Down compartments, 80 CRI/3500K 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.

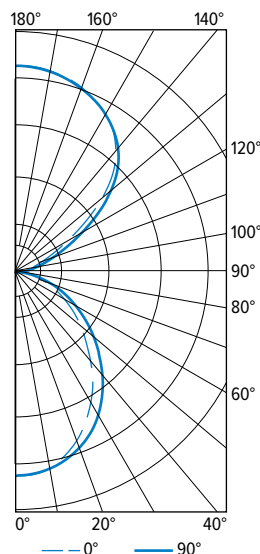
MULTIPLIER TABLES

	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	0.80
	3000K	0.82
	3500K	0.83
	4000K	0.86
	5000K	0.89

SHIELDING	
LENS	CONVERSION FACTOR
D	1.05
F	1.00
G	0.98
FA	0.96
R	0.91

PHOTOMETRY

MX2WUD-4'00-L8/835U/L8/835D-A/F-DIM Total Luminaire Output: 6341 lumens; 53.6 Watts | Efficacy: 118 lm/W | 80 CRI; 3500K CCT

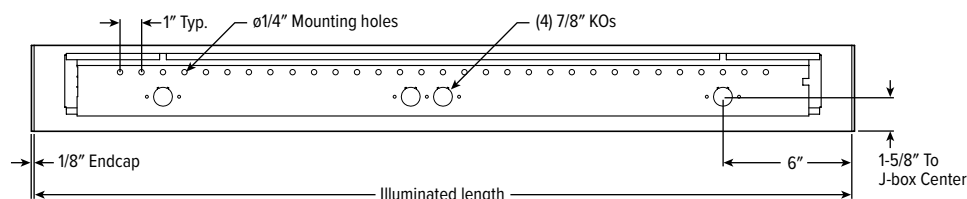


VERTICAL ANGLE	HORIZONTAL ANGLE			ZONAL LUMENS
	0°	45°	90°	
0	1354	1354	1354	
5	1343	1344	1348	128
15	1277	1268	1246	357
25	1147	1110	1063	511
35	954	899	845	563
45	734	672	615	522
55	523	476	431	428
65	336	303	274	303
75	168	155	143	166
85	40	44	45	50
90	2	5	4	
95	44	30	25	37
105	147	112	98	127
115	306	258	214	262
125	585	538	470	477
135	892	861	836	661
145	1097	1090	1087	681
155	1228	1230	1224	567
165	1314	1319	1321	373
175	1362	1358	1367	130
180	1367	1367	1367	

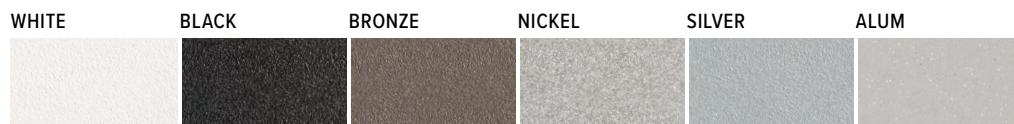
LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	996	16
	0 - 40	1559	25
	0 - 60	2509	40
	0 - 90	3027	48
	90 - 120	426	7
	90 - 130	903	14
	90 - 150	2246	35
	90 - 180	3150	50
	0 - 180	6341	100

FIXTURE DETAILS

BACK VIEW



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.



H.E. Williams, Inc.

Carthage, Missouri

www.hew.com

417-358-4065

Designed and Manufactured in the USA

Information contained herein is subject to change without notice.

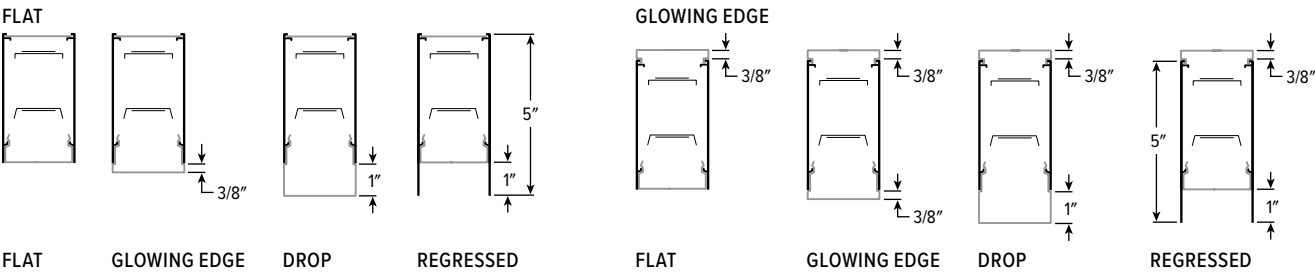
REV.01/05/24.JL

Continuous

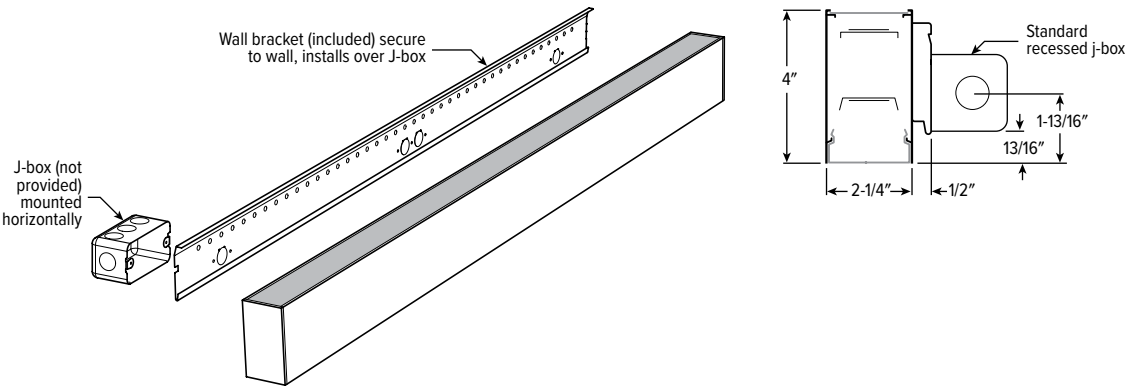
Page 2 of 6

MX2WUD^{LED} 2" Continuous Up/Down – Wall

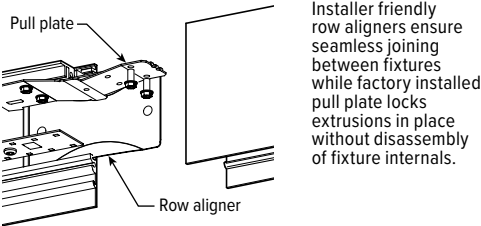
SHIELDING DETAILS



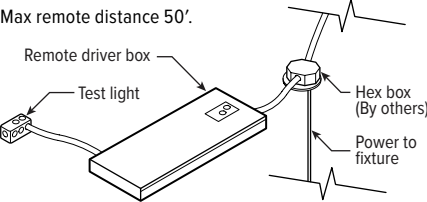
MOUNTING DETAILS



ROW ALIGNMENT SYSTEM



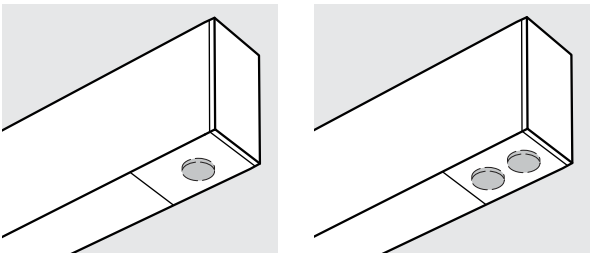
REMOTE MOUNT BATTERY



SENSOR & NODE PLACEMENT DETAILS

AVI-LVFA | WS-FS | WS-LMFS

AWNRR | AWNS



MX2WUD^{LED} 2" Continuous Up/Down – Wall

AVI-ON BLUETOOTH WIRELESS CONTROL DETAILS

FEATURES

Simple

- Gateway-free distributed control
- Factory pre-commissioning
- Contractor friendly installation
- Occupancy/vacancy/daylight sensing

Scalable

- Virtually unlimited network size
- Spans small offices to large warehouses
- Flexible control strategies

Secure

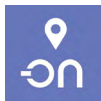
- Optional cloud connectivity
- UL IoT platinum security rating
- DLC 5.0 compliant

COMMISSIONING & INSTALLATION TOOLS

Avi-on mobile apps provide intuitive, quick installation and commissioning. Pro tools are available to qualified installers. Live commissioning training and on-site or remote support by Avi-on must be ordered separately through Avi-on.



Commissioning
Mobile App

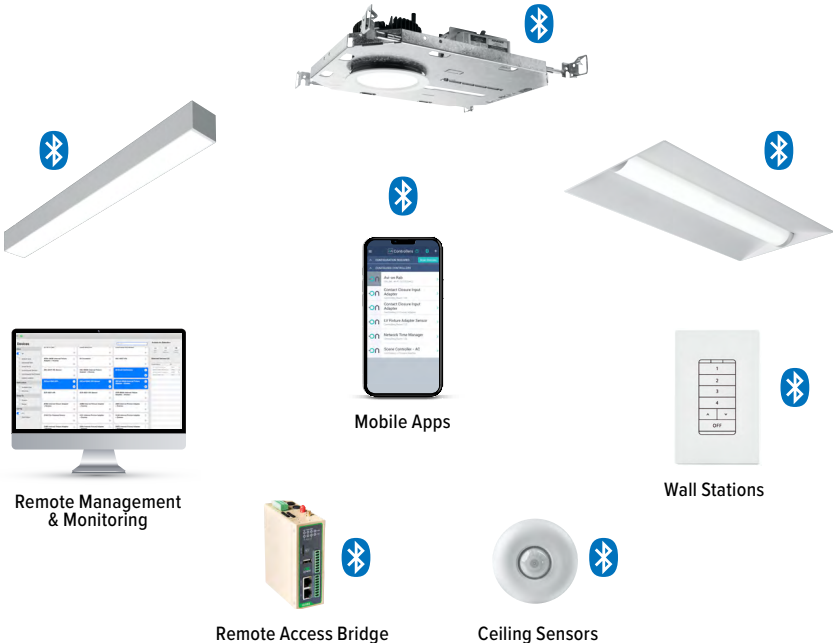


Zone Scanner
Web App



Commissioning
Pro App

SYSTEM COMPONENTS



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ACCESSORIES

WALL STATIONS	
AVI-2401AC	Scene controller - numbered 1-4, 120-277VAC
AVI-2402BAT	Scene controller - numbered 1-4, battery powered
AVI-2401AC-2	Dimmer with presets - percentages, 120-277VAC
AVI-2402BAT-2	Dimmer with presets - percentages, battery powered
AVI-2401AC-3	On/off/dimming, 120-277VAC
AVI-2402BAT-3	On/off/dimming, battery powered

NETWORK	
AVI-RAB-LTE	Remote access bridge
AVI-KIT-NTM	Network time manager with battery backup
CEILING MOUNT SENSORS	
AVI-KIT-SEN-DUCM	PIR motion and ultrasonic sensor kit
AVI-KIT-SEN-ICM	PIR motion and photocell sensor kit

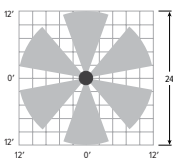
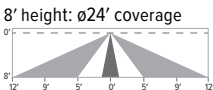
For load controllers and additional accessory info, see hew.com/avi-on

AVI-LVFA-CS2-PIR Avi-on wireless fixture control with PIR motion and daylight sensor. DA Driver only.

SPECIFICATIONS	
TYPE	PIR Motion + Daylight
MOUNTING HEIGHT	8' – 10'
DETECTION ANGLE	360°
TEMPERATURE RANGE	-30° to 50°C
RELATIVE HUMIDITY	10 to 80% non-condensing
IP RATING	IP20
MANUFACTURER	Avi-On
	

SENSOR COVERAGE PATTERNS

Side View



SENSOR DETAIL



Dimensions: 13/16" x 2-1/4"



MX2WUD^{LED} 2" Continuous Up/Down – Wall

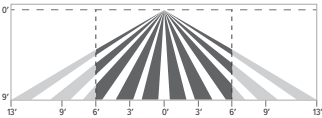
ADDITIONAL CONTROL OPTIONS

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

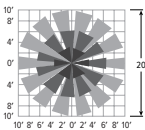
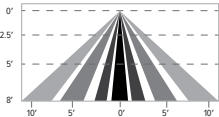
CATALOG NUMBER	DESCRIPTION
AWNRR	Lutron Athena wireless node integral fixture control, RF only, for use with D4i DALI-2 or driver with 12V auxiliary power.
AWNS	Lutron Athena wireless node integral fixture control, RF with daylight and occupancy sensing, for use with D4i DALI-2 or driver with 12V auxiliary power.
AWNRR-BL	Lutron Athena wireless node integral fixture control, RF only, for use with D4i DALI-2 or driver with 12V auxiliary power, black finish.
AWNS-BL	Lutron Athena wireless node integral fixture control, RF with daylight and occupancy sensing, for use with D4i DALI-2 or driver with 12V auxiliary power, black finish.

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

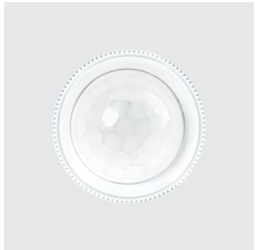
SPECIFICATIONS	
TYPE	PIR Motion + Daylight Hold Off
MOUNTING HEIGHT	8'
LENS	Indoor, non-wet location use
DETECTION ANGLE	360°
TEMPERATURE RANGE	-40° to 55°C
RELATIVE HUMIDITY	5% to 95%, non-condensing
COMMISSIONING	Dials under lens

SENSOR COVERAGE PATTERNS

8' height: ø20' coverage



SENSOR DETAIL



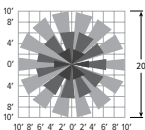
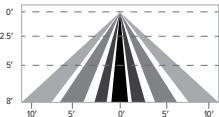
Dimensions: ø1-5/16"

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"



MX2WUD^{LED} 2" Continuous Up/Down – Wall

ADDITIONAL DRIVER OPTIONS

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

CATALOG NUMBER	DESCRIPTION
DIM	Dimming driver prewired for 0-10V low voltage applications; entire fixture switches and dims together
DRVU/DIMD	Driver prewired for non-dimming applications; up and down portions switch separately; 0-10V on down portion only ^[2]
DIMU/DRVU	Up and down portions switch separately; dimming driver prewired for 0-10V low voltage applications on up portion only ^{[1] [2]}
DIMU/DIMD	Dimming driver prewired for 0-10V low voltage applications; up and down portions switch and dim separately ^[2]
DRVU/DIMU	Entire fixture switches together; dimming driver prewired for 0-10V low voltage applications on up portion only ^[2]
DRVU/DIMD	Entire fixture switches together; dimming driver prewired for 0-10V low voltage applications on down portion only ^[2]
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/DRVU	Up and down portions switch separately; line voltage dimming on up portion only ^[1]
DRVU/DIM LINED	Up and down portions switch separately; line voltage dimming on down portion only ^[1]
DA	Driver with 12V auxiliary power without external dimming wires. Up and down switch together.
DA-U/D	Driver with 12V auxiliary power without external dimming wires. Up and down switch separately.
DSR	Sensor-ready driver without external dimming wires (D4i DALI-2). Up and down switch together.
DSR-U/D	Sensor-ready driver without external dimming wires (D4i DALI-2). Up and down switch separately.

¹ Length restrictions may apply, consult factory.

² Not available with L4U/L4D lumen package in fixtures less than 36" long.

