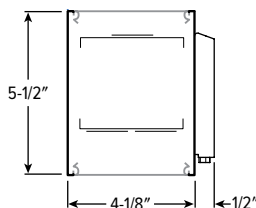
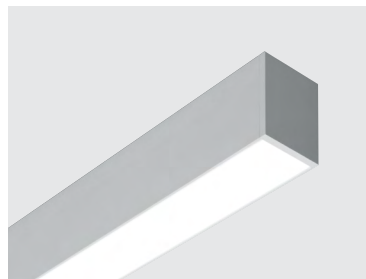


MX4WUD^{LED} 4" Continuous Up/Down – Wall



CATALOG #: _____

TYPE: _____

PROJECT: _____



FEATURES

- Create elegant spaces with a seamless, continuous row of illumination
- Flat and proud lenses give designers a variety of looks
- Fixture attaches to wall bracket for simple installation
- High-performance up to 119 lm/W
- Linear extrusion contains snap-in light rails for ease of installation and maintenance
- Attractive source of direct and indirect lighting
- Versatile MX4 system includes recessed, surface, suspended and in-wall mounting, see hew.com
- Diffuse acrylic lens provides uniform illumination for visual comfort
- 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. L70 >60,000 hours per IES TM-21. 25°C maximum ambient operating temperature.
- MOUNTING** – Wall mount. Powder coated, die-formed C.R.S. receiving bracket mounted to fixture which attaches to galvanized, wall mounted bracket.
- 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: MX4WUD - 12'00 - L8/835U/L8/835D - A/F - OPTIONS - CONTROL/DIM - UNV

SERIES	ILLUMINATED LENGTH	LUMEN PACKAGE (EXAMPLE: L8/835U/L8/835D)
MX4WUD	Lengths specified in feet and inches using 4" increments, 2" minimum. Example: 12'00 = 12'-0"	Specify lumen packages: U for Uplight and D for Downlight
	PRODUCT BUILDER Simplify ordering & layout design with the Williams Linear Product Builder at hew.com/product-builder	LUMENS ^[1] CRI CCT U or D
		L8 800lm 8 80 27 2700K U Uplight
		L12 1200lm 9 90 ^[2] 30 3000K D Downlight
		L15 1500lm 35 3500K
		40 4000K
		50 5000K

SHIELDING UP	SHIELDING DOWN	OPTIONS ^[3]
A Flat, semi-diffuse acrylic	F Flat, diffuse acrylic	See page 3 for <i>FINISH OPTIONS</i> .
F Flat, diffuse acrylic ^[4]	P Proud, diffuse acrylic with 5/16" drop ^[5]	EM/10WRM Remote mount 10-watt emergency battery ^[6]
		ASYD Downlight asymmetric distribution ^[7]
		ASYU Uplight asymmetric distribution ^[8]
		ASYUD Up and down light asymmetric distribution ^[9]
		(L___) Additional lower lumen packages available ^[10] Example: 600 lumens = MX4WUD-12'00-L8/835U/L8/835D-(L6U/L6D)

CONTROL ^[11]	DRIVER	VOLTAGE
See page 5 for <i>ADDITIONAL CONTROL OPTIONS</i> .	See page 6 for <i>ADDITIONAL DRIVER OPTIONS</i> .	120 120V
– None		277 277V
AVI-LVFA Avi-on wireless fixture control ^[12]	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 ^[13]	DA Driver with 12V auxiliary power without external dimming wires. Up and down switch together ^[16]	347 347V ^[18]
AWNRR Lutron Athena wireless node integral fixture control, RF only ^[14]	DSR Sensor-ready driver without external dimming wires (D4i DALI-2). Up and down switch together ^[17]	
AWNS Lutron Athena wireless node integral fixture control, RF with daylight and occupancy sensing ^[15]		

NOTES

- Lumens per foot output based on A Shielding Up and F Shielding Down, 80 CRI/3500K CCT. Actual performance 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 Technical Info for *Power Entry* details.
- Recommended for use in applications where the fixture will be viewed from above. Decreases lumen output.
- See page 3 for *CROSS SECTIONS*.
- See page 3 for *FIXTURE 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 3 for *SENSOR & NODE PLACEMENT DETAILS*. See page 4 for *AVI-ON BLUETOOTH WIRELESS CONTROL 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.



MX4WUD^{LED} 4" Continuous Up/Down – Wall

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 based on A Shielding Up and F Shielding Down, 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.

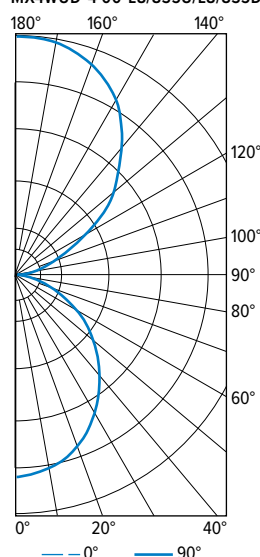
MULTIPLIER TABLES

	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	0.82
	3000K	0.83
	3500K	0.84
	4000K	0.86
	5000K	0.90

ASY OPTION	
WATTAGE	EFFICACY (lm/W)
1.02	0.98

PHOTOMETRY

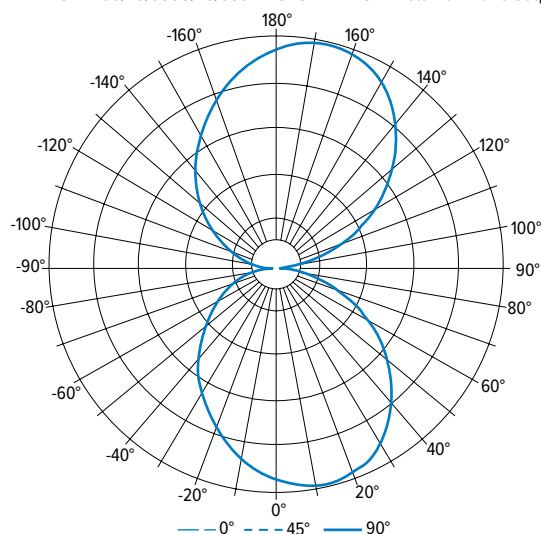
MX4WUD-4'00-L8/835U/L8/835D-A/F-DIM Total Luminaire Output: 6732 lumens; 56.8 Watts | Efficacy: 119 lm/W | 80 CRI; 3500K CCT



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

MX4WUD-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



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.01/17/24.JL

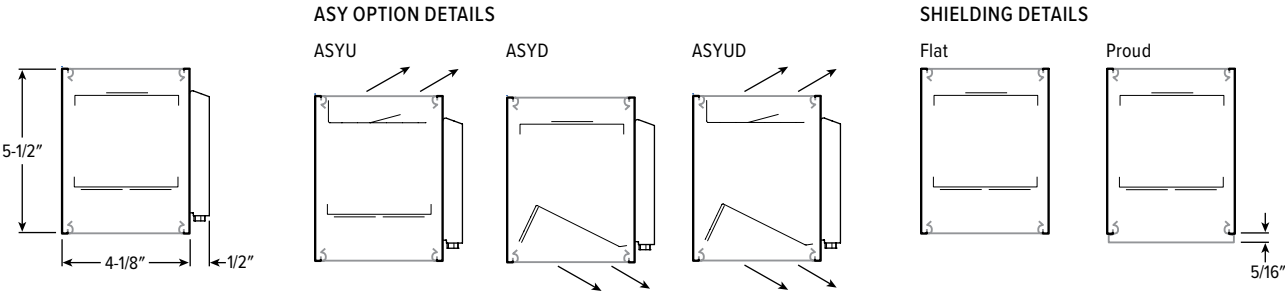
Continuous

Page 2 of 6

MX4WUD^{LED}

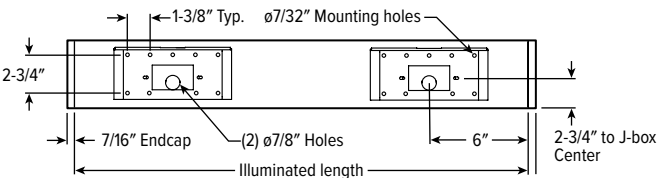
4" Continuous Up/Down – Wall

CROSS SECTIONS



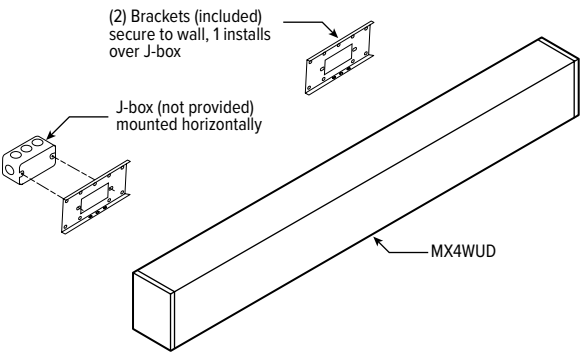
FIXTURE DETAILS

BACK VIEW



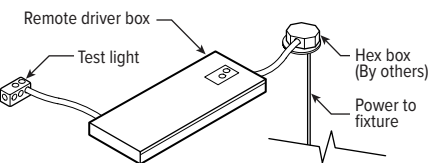
Standalone and feeder fixtures receive two mounting brackets. Joiner fixtures connect to feeder fixtures and receive one mounting bracket.

MOUNTING

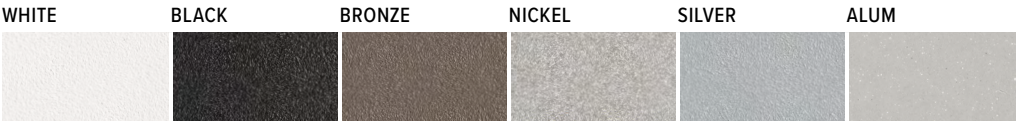


REMOTE MOUNT BATTERY

Max remote distance 50'.



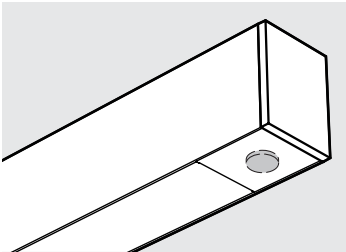
FINISH OPTIONS



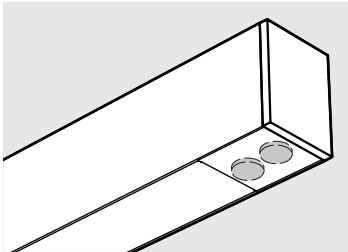
For custom color, please specify RAL code or a manufacturer code with description. All custom colors other than RAL require two sample swatches, minimum 1" square.

SENSOR & NODE PLACEMENT DETAILS

AVI-LVFA | WS-FS | WS-LMFS



AWN-R | AWNS



MX4WUD^{LED}

4" 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

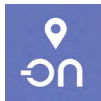
- Optional cloud connectivity
- UL IoT platinum security rating
- DLC 5.0 compliant

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

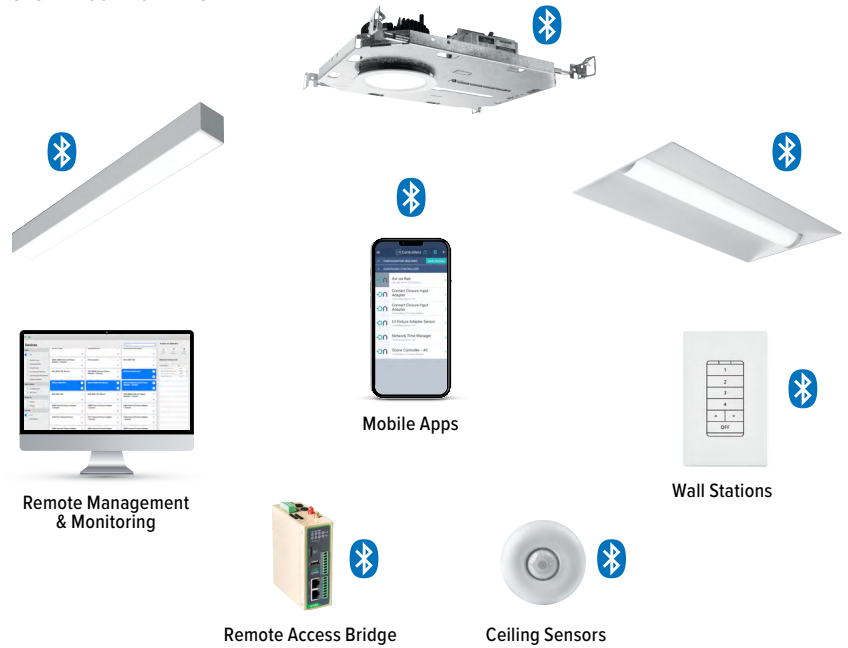


Zone Scanner Web App



Commissioning Pro App

SYSTEM COMPONENTS



The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Avi-on is under license. Other trademarks and trade names are those of their respective owners.

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.

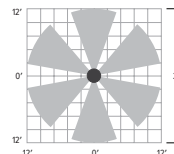
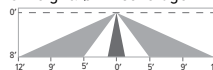
SPECIFICATIONS	
TYPE	PIR Motion + Daylight
MOUNTING HEIGHT	8' – 10'
DETECTION ANGLE	360°
TEMPERATURE RANGE	-30° to 50°C
RELATIVE HUMIDITY	10 to 80% non-condensing
IP RATING	IP20
MANUFACTURER	Avi-On



SENSOR COVERAGE PATTERNS

Side View

8' height: ø24' coverage



SENSOR DETAIL



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



MX4WUD^{LED} 4" Continuous Up/Down – Wall

ADDITIONAL CONTROL OPTIONS

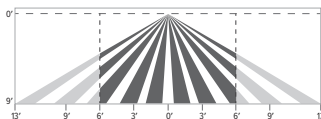
AWNS Lutron Athena wireless node integral fixture control, RF with daylight and occupancy sensing. DA and DSR Drivers only.

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

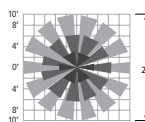
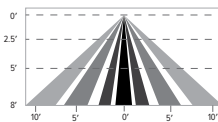
CATALOG NUMBER	DESCRIPTION
AWNDR	Lutron Athena wireless node integral fixture control, RF only, for use with D4i DALI-2 or driver with 12V auxiliary power.
AWNS	Lutron Athena wireless node integral fixture control, RF with daylight and occupancy sensing, for use with D4i DALI-2 or driver with 12V auxiliary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

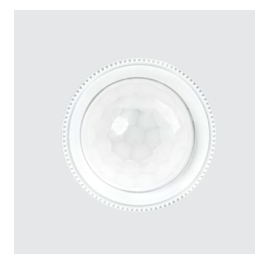
SPECIFICATIONS	
TYPE	PIR Motion + Daylight Hold Off
MOUNTING HEIGHT	8'
LENS	Indoor, non-wet location use
DETECTION ANGLE	360°
TEMPERATURE RANGE	-40° to 55°C
RELATIVE HUMIDITY	5% to 95%, non-condensing
COMMISSIONING	Dials under lens

SENSOR COVERAGE PATTERNS

8' height: ø20' coverage



SENSOR DETAIL



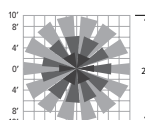
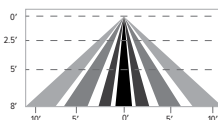
Dimensions: ø1-5/16"

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

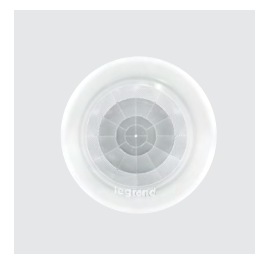
SPECIFICATIONS	
TYPE	PIR Motion + Daylight
MOUNTING HEIGHT	8' – 12'
LENS	Up to 300 sq/ft coverage
DETECTION ANGLE	360°
TEMPERATURE RANGE	0° to 50°C
RELATIVE HUMIDITY	0 to 90%, non-condensing
COMMISSIONING	App (iOS or Android)

SENSOR COVERAGE PATTERNS

8' height: ø20' coverage



SENSOR DETAIL



Dimensions: ø1-5/16"



MX4WUD^{LED} 4" Continuous Up/Down – Wall

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
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.

