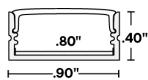




ESSENTIALS WIDE-FLAT (01)

STATIC WHITE

24VDC Linear Fixtures - Surface



- Wide, low-profile fixture for surface mount applications
- Choose from diffused, polar, frosted, or clear lens options for varying diode visibility and beam angles
- Mounting options include stainless steel or plastic clip
- Features painted end caps to match extrusion finish
- Side, back, and end feed wiring configurations available
- Suitable for installation in the storage area of a clothes closet when specified with LEDs at 4.0 watts or less per foot per NEC regulations
- Can be suitable for exterior use when specified as wet, contact factory for more information

1 PRODUCT	2 WATTS/FT	3 CCT	4 RATED	5 EFFICIENCY	6 LENS	7 WIRE INPUT/OUTPUT	8 CONNECTOR/WIRE IN	9 CONNECTOR/WIRE OUT	10 WIRE COLOR	11 WIRE TYPE	12 MOUNTING	13 FINISH	14 LENGTH (IN)	15 EXACT/OPTIMAL
				STD										

Sample Part Number: WE1SW-5.0-30-DRY-STD-DF-P1-BW-BW-BK-CL2-SST-BK-48"-E

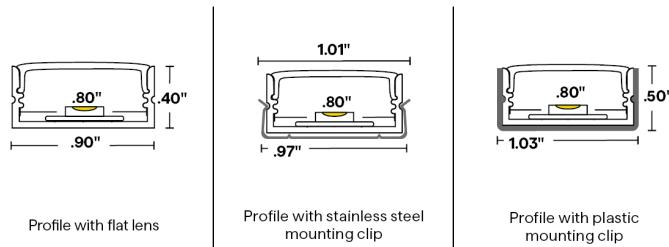
1 PRODUCT WE1SW WE1SW-USA Select USA option for BAA and BABA projects. SW and SW-HE only. Only DRY or WET ratings apply. See following pages for compatible power supplies.	2 WATTS/FT 1.5 1.5W/ft 3.0 3.0W/ft 4.0 4.0W/ft 5.0 5.0W/ft 1.5HE 1.5W/ft HE 3.0HE 3.0W/ft HE 6.0HE 6.0W/ft HE 3.0HE+ 3.0W/ft HE+ 6.0HE+ 6.0W/ft HE+ 1.5 1.5W/ft 3.0 3.0W/ft 4.0 4.0W/ft 5.0 5.0W/ft 1.5HE 1.5W/ft HE 3.0HE 3.0W/ft HE 6.0HE 6.0W/ft HE	3 CCT 20 2000K 22 2200K 24 2400K 27 2700K 30 3000K 35 3500K 40 4000K 27 2700K 30 3000K 35 3500K 40 4000K 24 2400K 27 2700K 30 3000K 35 3500K 40 4000K	4 RATED DRY IP20 WET IP67 Can be suitable for exterior use, contact factory for more information	5 EFFICIENCY STD Standard	6 LENS DF Diffused PR Polar FR Frosted CL Clear For representation of LED visibility, see Diode Visibility section on following pages. For beam angles, see Photometric Performance section on following pages
7 WIRE INPUT/OUTPUT S1 Single 1 (Input only) - End Feed S2 Single 2 (Input only) - Bottom Feed S3 Single 3 (Input only) - Left Side Feed S4 Single 4 (Input only) - Right Side Feed P1 Pass Through 1 (Input/output) - End Feed P2 Pass Through 2 (Input/output) - Bottom Feed P3 Pass Through 3 (Input/output) - Left Side Feed P4 Pass Through 4 (Input/output) - Right Side Feed	8 CONNECTOR/WIRE IN BW Bare Wire (Standard 24") BRL Barrel CON6 Connector 6" CON24 Connector 24" BW Bare Wire (Standard 24") BRL Barrel CON6 Connector 6" CON24 Connector 24"	9 CONNECTOR/WIRE OUT CLS Closed End (No feed) BW Bare Wire (Standard 24") BRL Barrel CON6 Connector 6" CON24 Connector 24"	10 WIRE COLOR WH White BK Black N/A For Barrel wet barrel only available in black		
For continuous mounting, consider bottom or side feed	BW: Standard length is 24". Max length is 120". Request custom length by writing in part number next to BW (example: BW48)	BW: Standard length is 24". Max length is 120". Request custom length by writing in part number next to BW (example: BW48)			
11 WIRE TYPE CL2 Class 2 CL2P Plenum Rated N/A For Barrel CL2P only available with bare wire leads (BW)	12 MOUNTING SST Stainless Steel PL Plastic Clip	13 FINISH ST Satin BK Black BZ Bronze CU Custom Custom finishes require a longer lead time, consult factory	14 LENGTH (IN) Minimum length is 12", maximum length is 98" not including end caps. Contact us for lengths under 12".	15 EXACT/OPTIMAL O Optimal Illumination E Exact Specified Length Exact fixtures match the exact length you specify, but they may have dim spots at the ends. Optimal fixtures are slightly shorter than the length specified, but provide full illumination from end to end. See Exact/Optimal Fixture Length charts.	



ESSENTIALS WIDE-FLAT (01) STATIC WHITE

24VDC Linear Fixtures - Surface

1 PRODUCT - DIMENSIONS

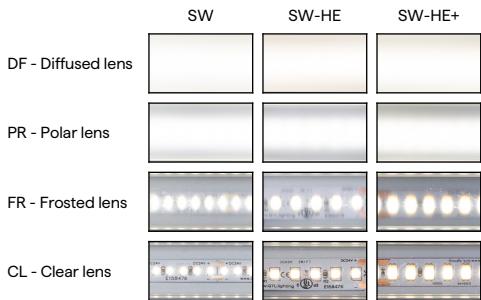


2 DELIVERED LUMENS

[Calculated L70 = 70000 hrs, L70 = 50000 for HE+]
Tested with WE1SW-**-30-DRY-STD

	1.5 W/FT		1.5HE W/FT		3.0 W/FT		3.0HE W/FT		3.0HE+ W/FT		4.0 W/FT		5.0 W/FT		6.0HE W/FT		6.0HE+ W/FT	
	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI
CL	155	98	202	98	270	98	371	98	528	92	335	98	408	98	703	98	976	92
FR	150	98	202	98	262	98	371	98	512	92	326	98	396	98	702	98	947	92
PR	144	98	191	98	252	98	351	98	493	92	313	98	381	98	665	98	911	92
DF	131	98	172	98	229	98	315	98	448	92	285	98	346	98	597	98	828	92

6 DIODE VISIBILITY



PHOTOMETRIC PERFORMANCE

Nominal beam spread shown, beam spread varies based on light engine. For more detailed information, see photometric data.

CL



Clear 97°

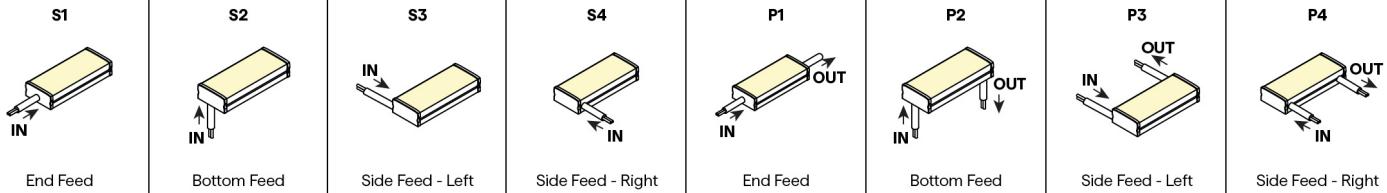


ESSENTIALS WIDE-FLAT (01) STATIC WHITE

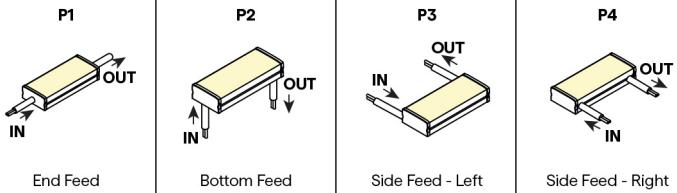
24VDC Linear Fixtures - Surface

7 WIRE INPUT/OUTPUT

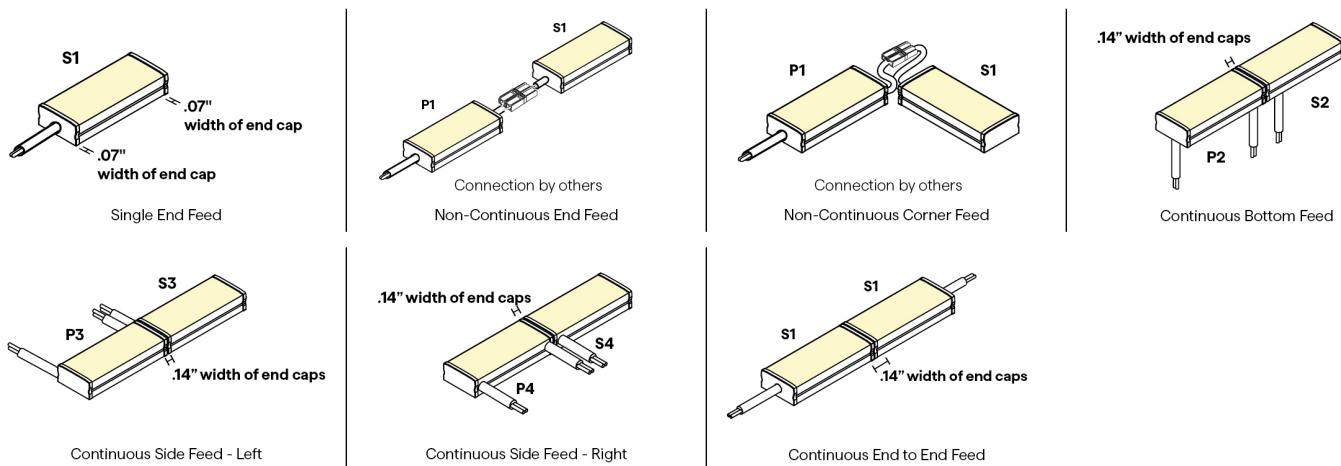
SINGLE (Input only)



PASS THROUGH (Input/Output)

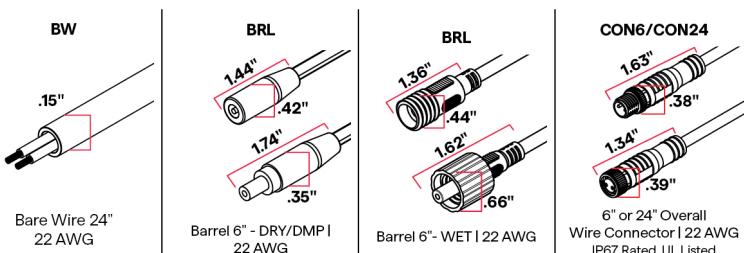


CONFIGURATION OPTIONS



8 / 9 CONNECTOR/WIRE - IN/OUT

Connector/Wire In or Out not needed to specify product. Standard configuration is BW for Wire In and CLS for Wire out



10 WIRE COLOR

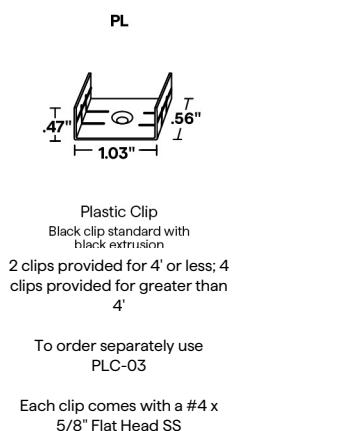
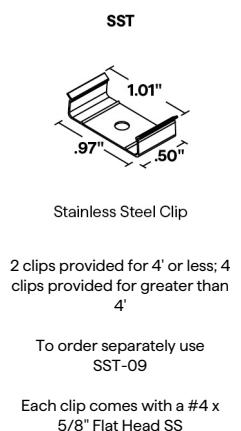




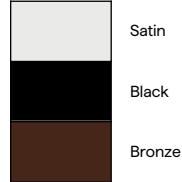
ESSENTIALS WIDE-FLAT (01) STATIC WHITE

24VDC Linear Fixtures - Surface

12 MOUNTING



13 FINISH



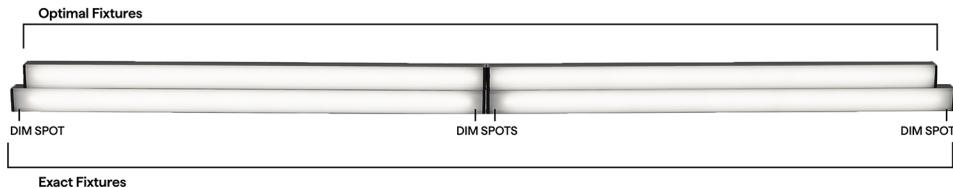
Custom finishes require a longer lead time, consult factory

14 EXACT/OPTIMAL FIXTURE LENGTH

[E/O Length Calculator](#) →

[E/O Explained](#) →

Exact fixtures are the exact length specified. Optimal fixtures' length is rounded down based on LED cut points to allow the fixture to be illuminated end to end. For runs with multiple fixtures that need to fill a specific length, it's recommended to order all optimal fixtures with an exact fixture at the end of the run.



SW DRY DMP LENGTHS BY INCH

EXACT LENGTH

Requested Length	Potential dim spot on either end of a S1 fixture S1 End Feed
12"	0.5"
13"	0.5"
14"	0.5"
15"	0.5"
16"	0.5"
17"	0.5"
18"	0.5"
19"	0.5"
20"	0.5"
21"	0.5"
22"	0.5"
23"	0.5"
24"	0.5"
36"	0.5"
48"	0.5"
60"	0.5"
72"	0.5"
84"	0.5"
96"	0.5"

OPTIMAL LENGTH

Requested Nominal Length	S1 & S2		P1 & P2		S3 & S4		P3 & P4	
	S1 End Feed	S2 Bottom Feed	P1 End Feed	P2 Bottom Feed	S3 Side Feed - Left	S4 Side Feed - Right	P3 Side Feed - Left	P4 Side Feed - Right
12"	11.41"		11.66"		11.26"		11.36"	
13"	12.41"		12.66"		12.26"		12.36"	
14"	13.41"		13.66"		13.26"		13.36"	
15"	14.41"		14.66"		14.26"		14.36"	
16"	15.41"		15.66"		15.26"		15.36"	
17"	16.41"		16.66"		16.26"		16.36"	
18"	17.41"		17.66"		17.26"		17.36"	
19"	18.41"		18.66"		18.26"		18.36"	
20"	19.41"		19.66"		19.26"		19.36"	
21"	20.41"		20.66"		20.26"		20.36"	
22"	21.41"		21.66"		21.26"		21.36"	
23"	22.41"		22.66"		22.26"		22.36"	
24"	23.41"		23.66"		23.26"		23.36"	
36"	35.41"		35.66"		35.26"		35.36"	
48"	47.41"		47.66"		47.26"		47.36"	
60"	59.41"		59.66"		59.26"		59.36"	
72"	71.41"		71.66"		71.26"		71.36"	
84"	83.41"		83.66"		83.26"		83.36"	
96"	95.41"		95.66"		95.26"		95.36"	



ESSENTIALS WIDE-FLAT (01) STATIC WHITE

24VDC Linear Fixtures - Surface

SW WET LENGTHS BY INCH

EXACT LENGTH

Requested Length	Potential dim spot on either end of a S1 fixture
	S1
	End Feed
12"	0.5"
13"	0.5"
14"	0.5"
15"	0.5"
16"	0.5"
17"	0.5"
18"	0.5"
19"	0.5"
20"	0.5"
21"	0.5"
22"	0.5"
23"	0.5"
24"	0.5"
36"	0.5"
48"	0.5"
60"	0.5"
72"	0.5"
84"	0.5"
96"	0.5"

OPTIMAL LENGTH

Requested Nominal Length	S1 & S2		P1 & P2		S3 & S4		P3 & P4	
	S1	S2	P1	P2	S3	S4	P3	P4
12"	11.56"		11.71"		11.46"		11.56"	
13"	12.56"		12.71"		12.46"		12.56"	
14"	13.56"		13.71"		13.46"		13.56"	
15"	14.56"		14.71"		14.46"		14.56"	
16"	15.56"		15.71"		15.46"		15.56"	
17"	16.56"		16.71"		16.46"		16.56"	
18"	17.56"		17.71"		17.46"		17.56"	
19"	18.56"		18.71"		18.46"		18.56"	
20"	19.56"		19.71"		19.46"		19.56"	
21"	20.56"		20.71"		20.46"		20.56"	
22"	21.56"		21.71"		21.46"		21.56"	
23"	22.56"		22.71"		22.46"		22.56"	
24"	23.56"		23.71"		23.46"		23.56"	
36"	35.56"		35.71"		35.46"		35.56"	
48"	47.56"		47.71"		47.46"		47.56"	
60"	59.56"		59.71"		59.46"		59.56"	
72"	71.56"		71.71"		71.46"		71.56"	
84"	83.56"		83.71"		83.46"		83.56"	
96"	95.56"		95.71"		95.46"		95.56"	

SW-HE, SW-HE+ DRY DMP LENGTHS BY INCH

EXACT LENGTH

Requested Length	Potential dim spot on either end of a S1 fixture
	S1
	End Feed
12"	1"
13"	0.5"
14"	1"
15"	0.5"
16"	1"
17"	0.5"
18"	1"
19"	0.5"
20"	1"
21"	0.5"
22"	1"
23"	0.5"
24"	1"
36"	1"
48"	1"
60"	1"
72"	1"
84"	1"
96"	1"

OPTIMAL LENGTH

Requested Nominal Length	S1 & S2		P1 & P2		S3 & S4		P3 & P4	
	S1	S2	P1	P2	S3	S4	P3	P4
12"	10.41"		10.66"		10.26"		10.36"	
13"	12.41"		12.66"		12.26"		12.36"	
14"	12.41"		12.66"		12.26"		12.36"	
15"	14.41"		14.66"		14.26"		14.36"	
16"	14.41"		14.66"		14.26"		14.36"	
17"	16.41"		16.66"		16.26"		16.36"	
18"	16.41"		16.66"		16.26"		16.36"	
19"	18.41"		18.66"		18.26"		18.36"	
20"	18.41"		18.66"		18.26"		18.36"	
21"	20.41"		20.66"		20.26"		20.36"	
22"	20.41"		20.66"		20.26"		20.36"	
23"	22.41"		22.66"		22.26"		22.36"	
24"	22.41"		22.66"		22.26"		22.36"	
36"	34.41"		34.66"		34.26"		34.36"	
48"	46.41"		46.66"		46.26"		46.36"	
60"	58.41"		58.66"		58.26"		58.36"	
72"	70.41"		70.66"		70.26"		70.36"	
84"	82.41"		82.66"		82.26"		82.36"	
96"	94.41"		94.66"		94.26"		94.36"	



ESSENTIALS WIDE-FLAT (01) STATIC WHITE

24VDC Linear Fixtures - Surface

SW-HE, SW-HE+ WET LENGTHS BY INCH

EXACT LENGTH

Requested Length	Potential dim spot on either end of a S1 fixture	
	S1	End Feed
12"	1"	
13"	0.5"	
14"	1"	
15"	0.5"	
16"	1"	
17"	0.5"	
18"	1"	
19"	0.5"	
20"	1"	
21"	0.5"	
22"	1"	
23"	0.5"	
24"	1"	
36"	1"	
48"	1"	
60"	1"	
72"	1"	
84"	1"	
96"	1"	

OPTIMAL LENGTH

Requested Nominal Length	S1 & S2		P1 & P2		S3 & S4		P3 & P4	
	S1	S2	P1	P2	S3	S4	P3	P4
12"	10.61"		10.76"		10.51"		10.61"	
13"	12.61"		12.76"		12.51"		12.61"	
14"	12.61"		12.76"		12.51"		12.61"	
15"	14.61"		14.76"		14.51"		14.61"	
16"	14.61"		14.76"		14.51"		14.61"	
17"	16.61"		16.76"		16.51"		16.61"	
18"	16.61"		16.76"		16.51"		16.61"	
19"	18.61"		18.76"		18.51"		18.61"	
20"	18.61"		18.76"		18.51"		18.61"	
21"	20.61"		20.76"		20.51"		20.61"	
22"	20.61"		20.76"		20.51"		20.61"	
23"	22.61"		22.76"		22.51"		22.61"	
24"	22.61"		22.76"		22.51"		22.61"	
36"	34.61"		34.76"		34.51"		34.61"	
48"	46.61"		46.76"		46.51"		46.61"	
60"	58.61"		58.76"		58.51"		58.61"	
72"	70.61"		70.76"		70.51"		70.61"	
84"	82.61"		82.76"		82.51"		82.61"	
96"	94.61"		94.76"		94.51"		94.61"	

COMPATIBLE POWER SUPPLIES

See power supplies cut sheets for more information. Data subject to change, all data has +/- 5% tolerance.

DIM TO LEVEL	INDOOR		OUTDOOR	
	SW24/1.5-4.0	SW24/5.0, SW-HE, SW-HE+	SW24/1.5-4.0	SW24/5.0, SW-HE, SW-HE+
Dim to Black	Q6M-DC+CAP QTM-DC+CAP iQ-PH+QD1	Q6M-DC+CAP QTM-DC+CAP iQ-PH+QD1	QOM-DC+CAP QOM-PH	QOM-DC+CAP QOM-PH
0.1%	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED+0-10V-AWN QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+0-10V QTM-eLED+0-10V-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN QZ-BOWTIE+DIMMER QZ-DMX QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED+0-10V-AWN QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+0-10V QTM-eLED+0-10V-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN QZ-BOWTIE+DIMMER QZ-DMX QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP	Q-SET-QZ-DMX Q-SET-QZ-PH/0-10V Q-SET-eLED+0-10V QOM-eLED+0-10V QOM-eLED+DALI-DT6 QOM-eLED+PS-DALI-DT6 QZ-DMX QZ-PH/0-10V	Q-SET-QZ-DMX Q-SET-QZ-PH/0-10V Q-SET-eLED+0-10V QOM-eLED+0-10V QOM-eLED+DALI-DT6 QOM-eLED+PS-DALI-DT6 QZ-DMX QZ-PH/0-10V
1%	QTM-eLED(E) QZ-DALI-DT6	QTM-eLED(E) QZ-DALI-DT6	Q-SET+QZ-DALI-DT6 QZ-DALI-DT6	Q-SET+QZ-DALI-DT6 QZ-DALI-DT6
10%	Non-Dim Power Supply with SW App Dongle	Non-Dim Power Supply with SW App Dongle	Q-HEX-mini-DC Q-SET-mLED	



ESSENTIALS WIDE-FLAT (01) STATIC WHITE

24VDC Linear Fixtures - Surface

DIMMING PROTOCOL	INDOOR		OUTDOOR	
	SW24/1.5-4.0	SW24/5.0, SW-HE, SW-HE+	SW24/1.5-4.0	SW24/5.0, SW-HE, SW-HE+
Non-Dim	QT-CAB-eLED-ND QTM-eLED-ND QZ-ND	QT-CAB-eLED-ND QTM-eLED-ND QZ-ND	Q-SET-QZ-ND Q-SET-eLED-ND QOM-eLED-ND QZ-ND	Q-SET-QZ-ND Q-SET-eLED-ND QOM-eLED-ND QZ-ND
Phase	Q6M-DC+CAP QT-CAB-QZ-PH/0-10V QTM-DC+CAP QTM-eLED(E) QZ-BOWTIE+DIMMER QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP iQ-PH+QD1	Q6M-DC+CAP QT-CAB-QZ-PH/0-10V QTM-DC+CAP QTM-eLED(E) QZ-BOWTIE+DIMMER QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP iQ-PH+QD1	Q-HEX-mini-DC Q-SET-QZ-PH/0-10V Q-SET-mLED QOM-DC+CAP QOM-PH QZ-PH/0-10V	Q-SET-QZ-PH/0-10V QOM-DC+CAP QOM-PH QZ-PH/0-10V
0-10V	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED+0-10V-AWN QTM-eLED+0-10V QTM-eLED+0-10V-AWN QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED+0-10V-AWN QTM-eLED+0-10V QTM-eLED+0-10V-AWN QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP	Q-SET-QZ-PH/0-10V Q-SET-eLED+0-10V QOM-eLED+0-10V QZ-PH/0-10V	Q-SET-QZ-PH/0-10V Q-SET-eLED+0-10V QOM-eLED+0-10V QZ-PH/0-10V
Lutron Athena	QT-CAB-eLED+0-10V-AWN QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+0-10V-AWN QTM-eLED+DALI-DT6-AWN	QT-CAB-eLED+0-10V-AWN QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+0-10V-AWN QTM-eLED+DALI-DT6-AWN		
ECO System	QTM-eLED(E)	QTM-eLED(E)		
DMX	QZ-DMX	QZ-DMX	Q-SET-QZ-DMX QZ-DMX	Q-SET-QZ-DMX QZ-DMX
DALI-2: DT6	QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN QZ-DALI-DT6	QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN QZ-DALI-DT6	Q-SET+QZ-DALI-DT6 QOM-eLED+DALI-DT6 QZ-DALI-DT6	Q-SET+QZ-DALI-DT6 QOM-eLED+DALI-DT6 QZ-DALI-DT6
SCENE App Dimmed	Non-Dim Power Supply with SW App Dongle	Non-Dim Power Supply with SW App Dongle		

COMPATIBLE MOUNTING ACCESSORIES

HINGE - HMB-M	HINGE - HMB-L	HINGE - HMB-XL	Q-PIVOT	Q-ANGLE	QUOVA-STANDARD
1.41" .71"	1.46" 1.29"	1.46" 4"	.75" 1.03"	1.38" 2.23"	
Adjustable mounting bracket - Medium	Adjustable mounting bracket - Large	Adjustable mounting bracket - XLarge	Small mounting accessory	Adjustable mounting accessory	QUOVA Knife Edge