

- Surface mount linear fixture for grazing
- Choose from a 12° or 40° beam angle
- Mounting tray available
- Features all wire feed options
- Ideal for direct and indirect applications
- Mounting options include stainless steel clips, magnets, and low-profile magnet mounts
- Features painted end caps to match extrusion finish
- 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
- Optional plastic louver accessory available in white or black for added glare control

Sample Part Number: **TQ2SW-5.0-30-DRY-WO-12-P1-BW-BW-BK-CL2-SST-BK-48"-E**

Specification subject to change. Rev-01-13-26

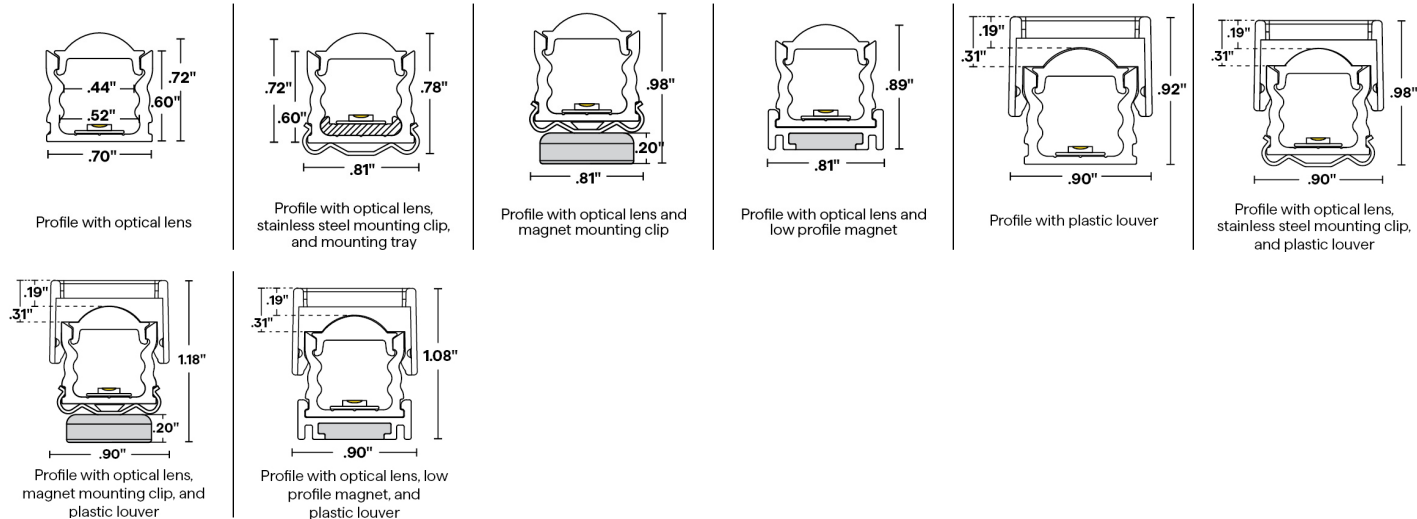
5 year warranty | Warranty only valid with QTL power supplies | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance



# ESSENTIALS TORQ-OPTICS (02) STATIC WHITE

24VDC Linear Fixtures - Surface & Recessed

## 1 PRODUCT - DIMENSIONS



## 2 DELIVERED LUMENS

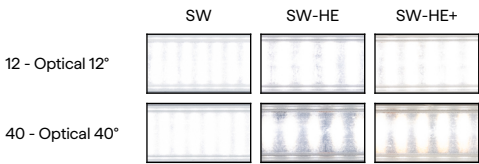
[Calculated L70 = 70000 hrs, L70 = 50000 for HE+]  
Tested with TQ2SW-\*\*-30-DRY-STD

	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		9.0HE 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	LM/FT	CRI
12	115	98	149	98	201	98	273	98	423	92	269	98	304	98	517	98	781	92	777	98
40	155	98	200	98	270	98	367	98	529	92	336	98	409	98	695	98	978	92	1045	98

[Calculated L70 = 70000 hrs, L70 = 50000 for HE+]  
Tested with TQ2SW-\*\*-30-DRY-WO

	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		9.0HE 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	LM/FT	CRI
12	132	98	171	98	231	98	313	98	440	92	290	98	350	98	594	98	814	92	892	98
40	162	98	209	98	282	98	383	98	552	92	351	98	427	98	725	98	1020	92	1089	98

## 6 DIODE VISIBILITY



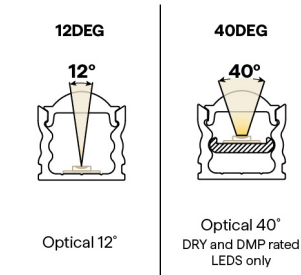


# ESSENTIALS TORQ-OPTICS (02) STATIC WHITE

## 24VDC Linear Fixtures - Surface & Recessed

### PHOTOMETRIC PERFORMANCE

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

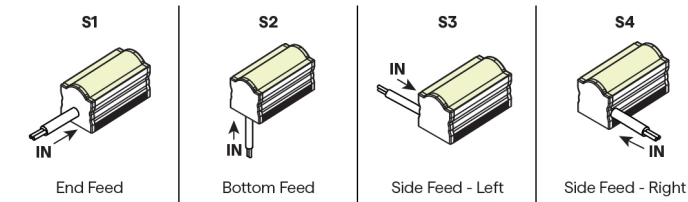


### TEMPERATURE RATINGS

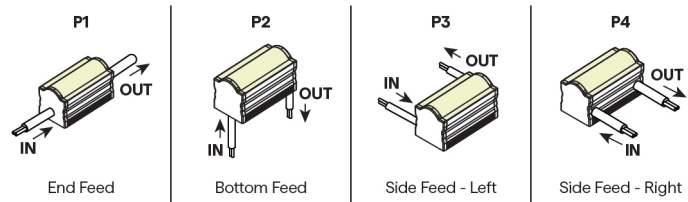
		1.5 W/FT		1.5 HE W/FT		3.0 W/FT		3.0 HE W/FT		3.0 HE+ W/FT		4.0 W/FT		5.0 W/FT		6.0 HE W/FT		6.0 HE+		9.0 HE	
		Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
DRY	Ambient Operating Temp - Surface	-4°F	140°F	-4°F	145°F	-4°F	135°F	-4°F	135°F	-13°F	135°F	-4°F	130°F	-4°F	125°F	-4°F	130°F	-13°F	125°F	-4°F	100°F
DMP	Ambient Operating Temp - Surface	-4°F	135°F	-4°F	140°F	-4°F	130°F	-4°F	130°F	**	**	-4°F	125°F	-4°F	120°F	-4°F	125°F	**	**	**	**
WET	Ambient Operating Temp - Surface	-4°F	135°F	**	**	-4°F	130°F	**	**	**	**	-4°F	125°F	-4°F	120°F	**	**	**	**	**	**

### 7 WIRE INPUT/OUTPUT

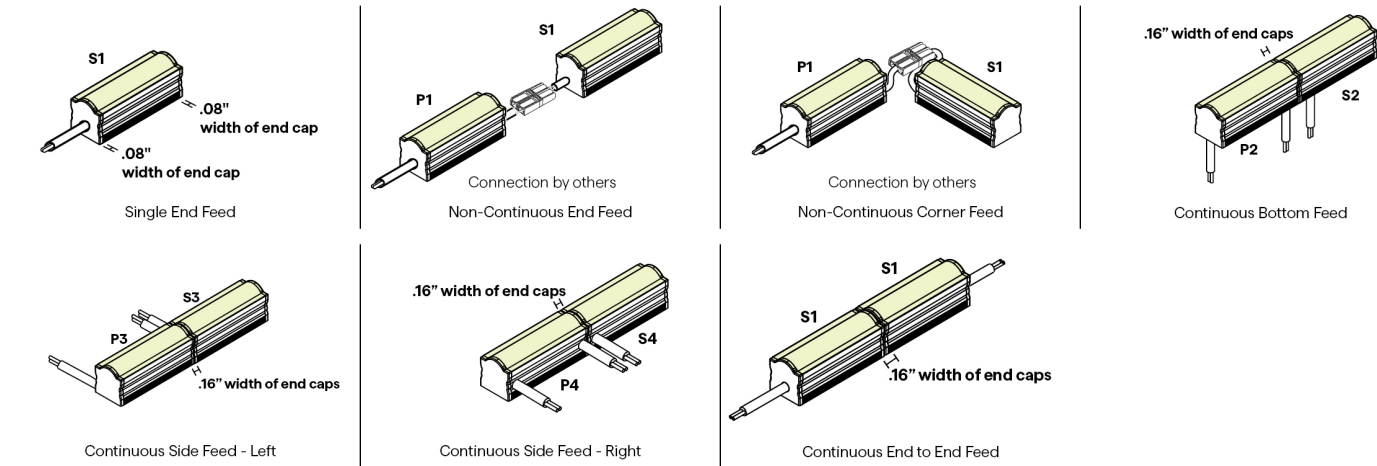
SINGLE (Input only)



PASS THROUGH (Input/Output)



### CONFIGURATION OPTIONS



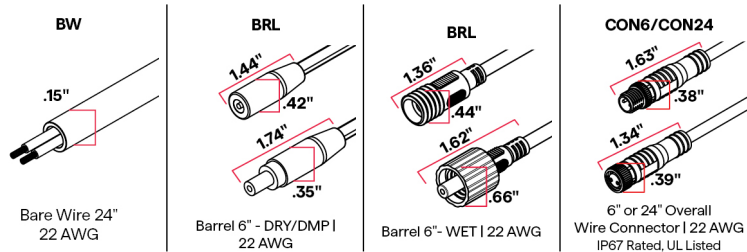


# ESSENTIALS TORQ-OPTICS (02) STATIC WHITE

24VDC Linear Fixtures - Surface & Recessed

## 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



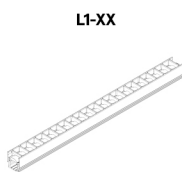
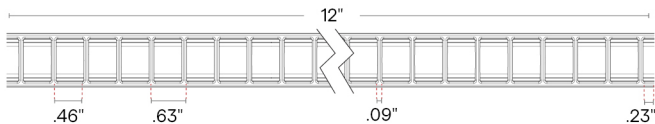
## 10 WIRE COLOR



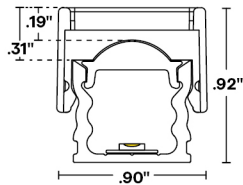
## EXTERNAL LOUVER ACCESSORY

When using 40DEG option with a side feed input/output, routing will be necessary on the plastic louver to ensure unobstructed wire exits.

PLASTIC



Lumen Multiplier	
WH	BK
0.74	0.57



Profile with plastic louver

To order separately use  
TORQ-L1-OPTICS-KIT-WH or  
TORQ-L1-OPTICS-KIT-BK

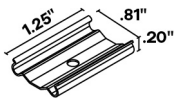


# ESSENTIALS TORQ-OPTICS (02) STATIC WHITE

## 24VDC Linear Fixtures - Surface & Recessed

### 12 MOUNTING

SST



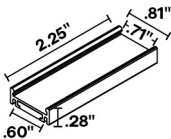
Stainless Steel Clip

2 clips provided for 4' or less; 4 clips provided for greater than 4'

To order separately use SST-01

Each clip comes with a #4 x 5/8" Flat Head SS

M4

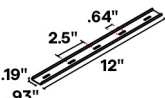


Low Profile Magnet

One M4 provided per foot.

To order separately use MG-04

MMA-04



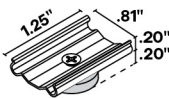
Magnet Mount Accessory for M4

Sold separately, to order use MMA-04

Each bracket comes with 2 #6 x 5/8" Flat Head SS

Required when mounting to a non-magnetic surface

MG



Magnet Clip

One MG provided per foot

To order separately use MG-01

### 13 FINISH



Satin

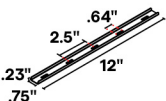
Black

Bronze

Custom finishes require a longer lead time, consult factory

Custom finishes require a longer lead time, consult factory

MMA-01



Magnet Mount Accessory of MG-01

Sold separately, to order use MMA-01

Each bracket comes with 2 #6 x 5/8" Flat Head SS

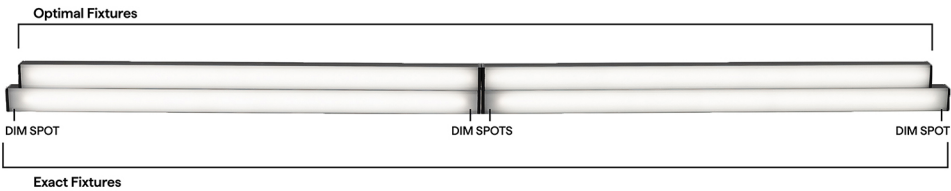
Required when mounting to a non-magnetic surface

### 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.



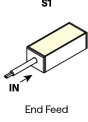


# ESSENTIALS TORQ-OPTICS (02) STATIC WHITE

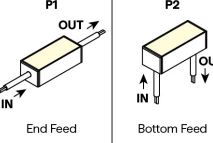
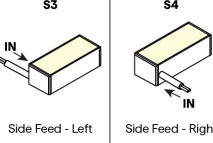
24VDC Linear Fixtures - Surface & Recessed

## SW DRY DMP LENGTHS BY INCH

### EXACT LENGTH

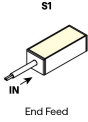
Requested Length	Potential dim spot on either end of a S1 fixture 
12"	0.5"
13"	0.5"
14"	0.5"
15"	0.5"
16"	0.5"
17"	0.5"
18"	0.5"
19"	0.5"
20"	0.5"
21"	0.5"
22"	0.5"
23"	0.5"
24"	0.5"
36"	0.5"
48"	0.5"
60"	0.5"
72"	0.5"
84"	0.5"
96"	0.5"

### OPTIMAL LENGTH

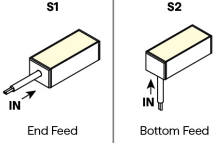
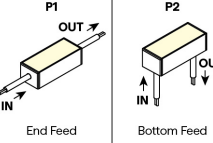
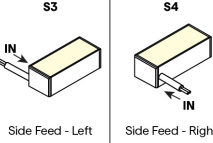
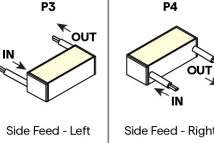
Requested Nominal Length	S1 & S2 	P1 & P2 	S3 & S4 	P3 & P4 
12"	11.41"	11.66"	11.26"	11.36"
13"	12.41"	12.66"	12.26"	12.36"
14"	13.41"	13.66"	13.26"	13.36"
15"	14.41"	14.66"	14.26"	14.36"
16"	15.41"	15.66"	15.26"	15.36"
17"	16.41"	16.66"	16.26"	16.36"
18"	17.41"	17.66"	17.26"	17.36"
19"	18.41"	18.66"	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"

## SW WET LENGTHS BY INCH

### EXACT LENGTH

Requested Length	Potential dim spot on either end of a S1 fixture 
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 
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"

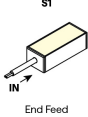


# ESSENTIALS TORQ-OPTICS (02) STATIC WHITE

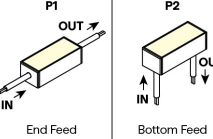
24VDC Linear Fixtures - Surface & Recessed

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

### EXACT LENGTH

Requested Length	Potential dim spot on either end of a S1 fixture 
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 
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"

## 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	


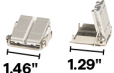







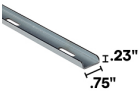



# ESSENTIALS TORQ-OPTICS (02) STATIC WHITE

24VDC Linear Fixtures - Surface & Recessed

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

<b>HINGE - HMB-M</b>  Adjustable mounting bracket - Medium 1.41" .71"	<b>HINGE - HMB-L</b>  Adjustable mounting bracket - Large 1.46" 1.29"	<b>HINGE - HMB-XL</b>  Adjustable mounting bracket - XLarge 1.46" 4"	<b>Q-PIVOT</b>  Small mounting accessory .75" 1.03"	<b>Q-ANGLE</b>  Adjustable mounting accessory 2.23" 1.38"	<b>NU-GRAZER</b>  U Mounting Bracket	<b>NJ-GRAZER</b>  J Mounting Bracket	<b>BL-GRAZER</b>  Backwards L Mounting Bracket	<b>NJ-MEDIUM</b>  J Mounting Bracket	<b>MMA-01</b>  Magnet Mount Accessory of MG-01 1.23" .75"
<b>MMA-04</b>  Magnet Mount Accessory of MG-04 1.19" .93"									