



# TEST LFT 3 CONFIG

24VDC Linear Fixtures - Surface & Recessed

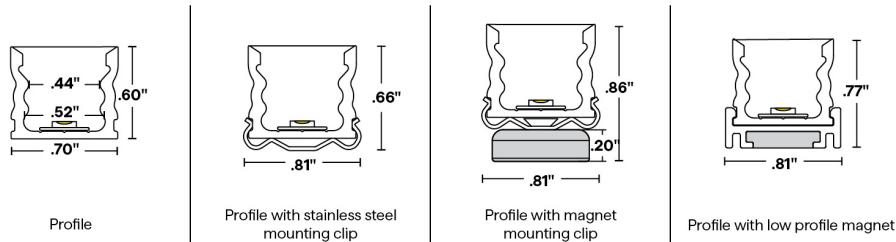




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### 1 PRODUCT - DIMENSIONS



### 2 DELIVERED LUMENS

[Calculated L70 = 40000 hrs]  
Tested with TQ3SW-\*\*-30-ENC-STD

	1.5 W/FT		1.5HE W/FT		3.0 W/FT		3.0HE W/FT		4.0 W/FT		5.0 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
CL	92	98	128	98	161	98	234	98	200	98	244	98	443	98
TL	78	98	117	98	136	98	214	98	169	98	205	98	406	98

[Calculated L70 = 40000 hrs]  
Tested with TQ3SW-\*\*-30-ENC-WO

	1.5 W/FT		1.5HE W/FT		3.0 W/FT		3.0HE W/FT		4.0 W/FT		5.0 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
CL	100	98	131	98	174	98	240	98	216	98	263	98	455	98
TL	88	98	119	98	153	98	218	98	190	98	232	98	412	98

### TEMPERATURE RATINGS

	1.5 W/FT		1.5HE W/FT		3.0 W/FT		3.0HE W/FT		4.0 W/FT		5.0 W/FT		6.0 HE W/FT	
	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
Ambient Operating Temp - Surface	-4°F	130°F	-4°F	135°F	-4°F	125°F	-4°F	125°F	-4°F	120°F	-4°F	110°F	-4°F	115°F

### 6 DIODE VISIBILITY



ENC/CL - Clear encapsulation

ENC/TL - Translucent encapsulation

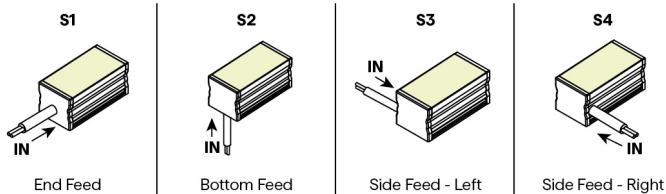


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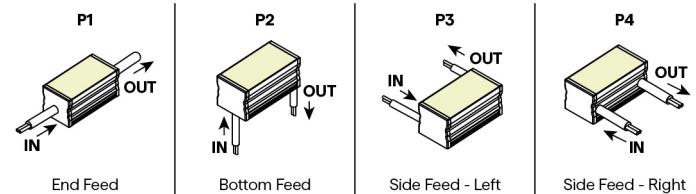
## 24VDC Linear Fixtures - Surface & Recessed

### 7 WIRE INPUT/OUTPUT

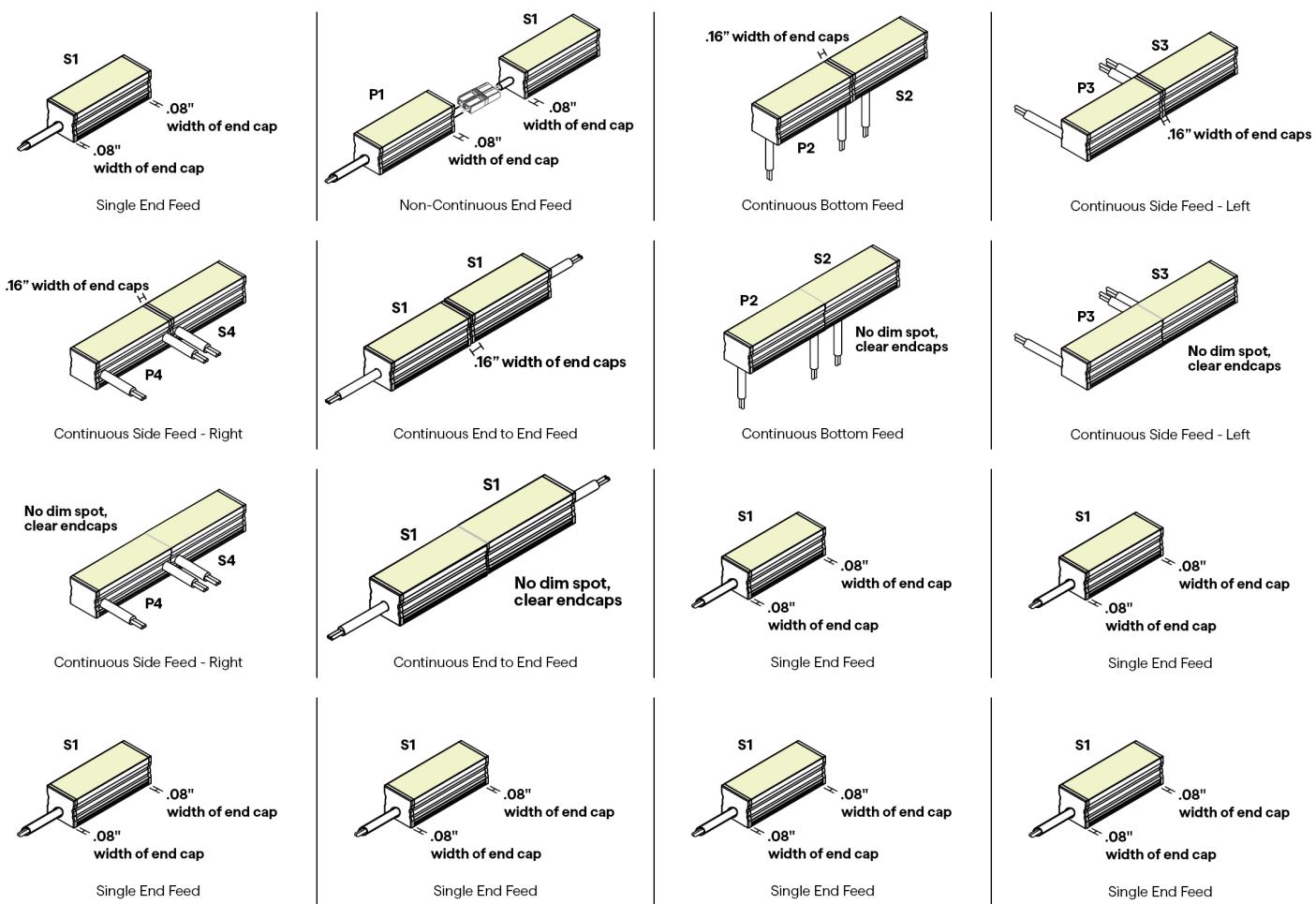
SINGLE (Input only)



PASS THROUGH (Input/Output)



### CONFIGURATION OPTIONS



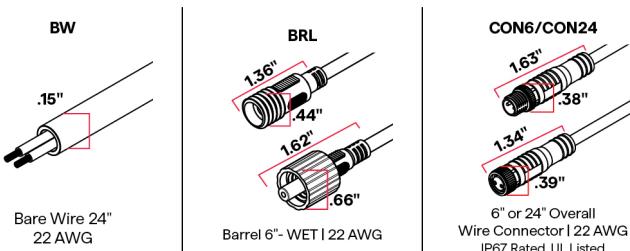


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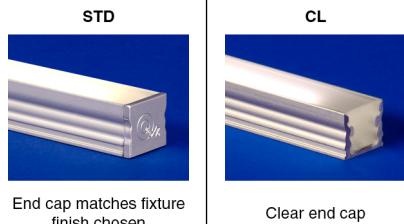
## 24VDC Linear Fixtures - Surface & Recessed

### 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 / 11 END CAP - IN/OUT



### 12 WIRE COLOR



### 14 MOUNTING

SST	M4	MMA-04	MG
Stainless Steel Clip	Low Profile Magnet	Magnet Mount Accessory for M4	Magnet 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 screw	One M4 provided per foot. To order separately use MG-04	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	One MG provided per foot To order separately use MG-01
			Custom color available

#### MMA-01



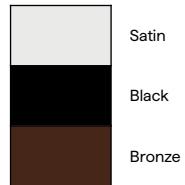
Magnet Mount Accessory of MG-01

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

### 15 FINISH





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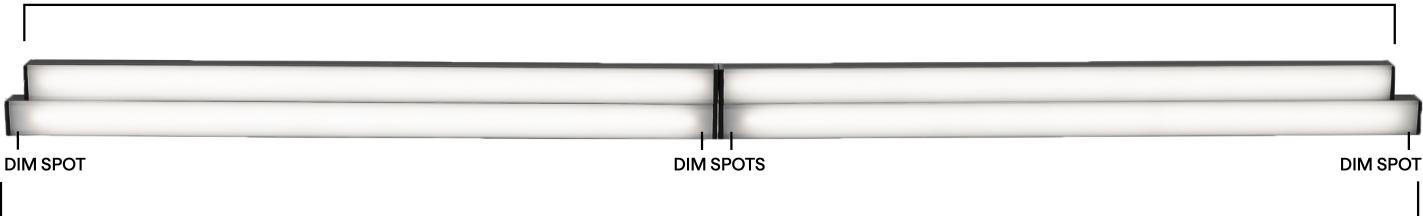
## 24VDC Linear Fixtures - Surface & Recessed

### 17 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.

#### Optimal Fixtures



#### Exact Fixtures

### SW ENC LENGTHS BY INCH

Available in any length in between 12" and 98.43", chart below shows example lengths. Exact fixtures are the length specified. Optimal fixtures' length is rounded down with illumination end to end. All fixtures' tolerance is  $\pm 0 - 1/8"$ . Consult factory for lengths under 12".

#### EXACT LENGTH

Requested Length	Potential dim spot on either end of fixture
12"	.5"
13"	.5"
14"	.5"
15"	.5"
16"	.5"
17"	.5"
18"	.5"
19"	.5"
20"	.5"
21"	.5"
22"	.5"
23"	.5"
24"	.5"
36"	.5"
48"	.5"
60"	.5"
72"	.5"
84"	.5"
96"	.5"

#### OPTIMAL LENGTH

Requested Nominal Length	S1 & S2 S1 End Feed	S2 Bottom Feed	P1 & P2 P1 End Feed	P2 Bottom Feed	S3 & S4 S3 Side Feed - Left	S4 Side Feed - Right	P3 & P4 P3 Side Feed - Left	P4 Side Feed - Right
12"	11.5"		11.75"		11.375"		11.375"	
13"	12.5"		12.75"		12.375"		12.375"	
14"	13.5"		13.75"		13.375"		13.375"	
15"	14.5"		14.75"		14.375"		14.375"	
16"	15.5"		15.75"		15.375"		15.375"	
17"	16.5"		16.75"		16.375"		16.375"	
18"	17.5"		17.75"		17.375"		17.375"	
19"	18.5"		18.75"		18.375"		18.375"	
20"	19.5"		19.75"		19.375"		19.375"	
21"	20.5"		20.75"		20.375"		20.375"	
22"	21.5"		21.75"		21.375"		21.375"	
23"	22.5"		22.75"		22.375"		22.375"	
24"	23.5"		23.75"		23.375"		23.375"	
36"	35.5"		35.75"		35.375"		35.375"	
48"	47.5"		47.75"		47.375"		47.375"	
60"	59.5"		59.75"		59.375"		59.375"	
72"	71.5"		71.75"		71.375"		71.375"	
84"	83.5"		83.75"		83.375"		83.375"	
96"	95.5"		95.75"		95.375"		95.375"	



# TEST LFT 3 CONFIG

## 24VDC Linear Fixtures - Surface & Recessed

### SW-HE ENC LENGTHS BY INCH

Available in any length in between 12" and 98.43", chart below shows example lengths. Exact fixtures are the length specified. Optimal fixtures' length is rounded down with illumination end to end. All fixtures' tolerance is  $\pm 0 - 1/8"$ . Consult factory for lengths under 12".

#### EXACT LENGTH

Requested Length	Potential dim spot on either end of 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: highlighted rows are closest to requested nominal length

Requested Nominal Length	S1 & S2	P1 & P2	S3 & S4	P3 & P4
12"				
13"	10.5"	12.75"	12.375"	12.375"
14"	12.5"	12.75"	12.375"	12.375"
15"	14.5"	14.75"	14.375"	14.375"
16"	14.5"	14.75"	14.375"	14.375"
17"	16.5"	16.75"	16.375"	16.375"
18"	16.5"	16.75"	16.375"	16.375"
19"	18.5"	18.75"	18.375"	18.375"
20"	18.5"	18.75"	18.375"	18.375"
21"	20.5"	20.75"	20.375"	20.375"
22"	20.5"	20.75"	20.375"	20.375"
23"	22.5"	22.75"	22.375"	22.375"
24"	22.5"	22.75"	22.375"	22.375"
36"	34.5"	34.75"	34.375"	34.375"
48"	46.5"	46.75"	46.375"	46.375"
60"	58.5"	58.75"	58.375"	58.375"
72"	70.5"	70.75"	70.375"	70.375"
84"	82.5"	82.75"	82.375"	82.375"
96"	94.5"	94.75"	94.375"	94.375"

### COMPATIBLE POWER SUPPLIES

See power supplies cut sheets for more information. Data subject to change, all data has  $\pm 5\%$  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 iQ-PH+QD1	Q6M-DC+CAP QTM-DC+CAP iQ-PH 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 QTM-eLED+0-10V QTM-eLED+0-10V-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 QTM-eLED+0-10V QTM-eLED+0-10V-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 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 QZ-DMX QZ-PH/0-10V
1%	QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED(E) 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(E) QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN QZ-DALI-DT6	Q-SET+QZ-DALI-DT6 QOM-eLED+DALI-DT6 QOM-eLED+PS-DALI-DT6	Q-SET+QZ-DALI-DT6 QOM-eLED+DALI-DT6 QOM-eLED+PS-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	



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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 iQ-ND-50-65	Q-SET-QZ-ND Q-SET-eLED-ND QOM-eLED-ND QZ-ND iQ-ND-50-65
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 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 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	Q-SET+QZ-DALI-DT6 QOM-eLED+DALI-DT6
SCENE App Dimmed	Non-Dim Power Supply with SW App Dongle	Non-Dim Power Supply with SW App Dongle		

## COMPATIBLE MOUNTING ACCESSORIES

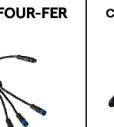
<b>HINGE - HMB-M</b> 1.41" 1.71"	<b>HINGE - HMB-L</b> 1.46" 1.29"	<b>HINGE - HMB-XL</b> 1.46" 4"	<b>Q-PIVOT</b> 1.03"	<b>Q-ANGLE</b> 1.38" 2.23" .75"	<b>NJ-MEDIUM</b> 	<b>NJ-LARGE</b> 	<b>SD-J-LARGE</b> 	<b>NU-LARGE</b> 	<b>BL-LARGE</b> Backwards L Mounting Bracket
Adjustable mounting bracket - Medium	Adjustable mounting bracket - Large	Adjustable mounting bracket - XLarge	Small mounting accessory	Adjustable mounting accessory	J Mounting Bracket	J Mounting Bracket	J Mounting Bracket	U Mounting Bracket	L Mounting Bracket
<b>NL-LARGE</b> 	<b>SD-L-LARGE</b> 								



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### 24VDC Linear Fixtures - Surface & Recessed

#### COMPATIBLE WIRING ACCESSORIES

 Q-mini-J 2" 1.25"	 Q-mini-J5 2.80" 2.27"	 BARREL-EXT	 BARREL FOUR-FER 8ft barrel cable extender DRY ONLY	 CON120-EXT Splits lead from one to four LED Barrel connector fixtures, DRY/DMP	 CON FOUR-FER 10ft Con cable extender DRY/DMP/WET	 CON M - BARREL F Male con to barrel cable adaptor DRY/DMP
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#### COMPATIBLE CONTROL ACCESSORIES

##### SCENE APP DONGLE



Wi-Fi or Bluetooth  
Connectivity

#### COMPATIBLE APPS

##### NFC APP



Read and write  
DMX addresses and  
adjust voltage