



TEST LFT 3 CONFIG

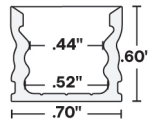
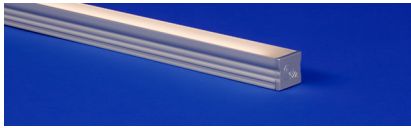
24VDC Linear Fixtures - Surface & Recessed



BUY AMERICAN ACT
STANDARD SW ONLY



BUY AMERICAN ACT
SW-HE ONLY



- Surface mount linear fixture
- Features high quality LED strips encapsulated in polyurethane in a rigid extrusion providing a robust fixture
- Encapsulation available in clear or translucent
- Suitable for indoor and outdoor locations (IK10)
- Mounting options include stainless steel clips, magnets, and low-profile magnet mounts
- Features painted end caps to match extrusion finish or clear end caps to achieve seamless appearance of long runs
- 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

Declare.

Red List
Approved

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
PRODUCT	WATTS/FT	CCT	RATED	EFFICIENCY	LENS	WIRE INPUT/OUTPUT	CONNECTOR/WIRE IN	CONNECTOR/WIRE OUT	INPUT END CAP	OUTPUT END CAP	WIRE COLOR	WIRE TYPE	MOUNTING	FINISH	LENGTH (IN)	EXACT/OPTIMAL
TQ3SW			ENC													

Sample Part Number: TQ3SW-5.0-30-ENC-WO-TL-P1-BW-BW-STD-STD-BK-CL2-SST-ST-48"-E

<div><div>1</div><div>PRODUCT</div><div>TQ3SW</div><div>See following pages for compatible power supplies.</div></div>	<div><div>2</div><div>WATTS/FT</div><div><div>1.5</div><div>1.5W/ft</div></div><div><div>3.0</div><div>3.0W/ft</div></div><div><div>4.0</div><div>4.0W/ft</div></div><div><div>5.0</div><div>5.0W/ft</div></div><div><div>1.5HE</div><div>1.5W/ft HE</div></div><div><div>3.0HE</div><div>3.0W/ft HE</div></div><div><div>6.0HE</div><div>6.0W/ft HE</div></div></div>	<div><div>3</div><div>CCT</div><div><div>24</div><div>2400K</div></div><div><div>27</div><div>2700K</div></div><div><div>30</div><div>3000K</div></div><div><div>35</div><div>3500K</div></div><div><div>40</div><div>4000K</div></div></div>	<div><div>4</div><div>RATED</div><div>ENC IP67</div></div>	<div><div>5</div><div>EFFICIENCY</div><div><div>STD</div><div>Standard</div></div><div><div>WO</div><div>White Optics</div></div><div>WhiteOptics - Internal coating, greater lumen output</div></div>	<div><div>6</div><div>LENS</div><div><div>CL</div><div>Clear</div></div><div><div>TL</div><div>Translucent</div></div><div>For representation of LED visibility, see Diode Visibility section on following pages. For beam angles, see Photometric Performance section on following pages</div></div>
<div><div>7</div><div>WIRE INPUT/OUTPUT</div><div><div>S1</div><div>Single 1 (Input only) - End Feed</div></div><div><div>S2</div><div>Single 2 (Input only) - Bottom Feed</div></div><div><div>S3</div><div>Single 3 (Input only) - Left Side Feed</div></div><div><div>S4</div><div>Single 4 (Input only) - Right Side Feed</div></div><div>For continuous mounting, consider bottom or side feed</div><div><div>P1</div><div>Pass Through 1 (Input/output) - End Feed</div></div><div><div>P2</div><div>Pass Through 2 (Input/output) - Bottom Feed</div></div><div><div>P3</div><div>Pass Through 3 (Input/output) - Left Side Feed</div></div><div><div>P4</div><div>Pass Through 4 (Input/output) - Right Side Feed</div></div><div>For continuous mounting, consider bottom or side feed</div></div>	<div><div>8</div><div>CONNECTOR/WIRE IN</div><div><div>BW</div><div>Bare Wire (Standard 24")</div></div><div><div>BRL</div><div>Barrel</div></div><div><div>CON6</div><div>Connector 6"</div></div><div><div>CON24</div><div>Connector 24"</div></div><div>Connector/Wire In not needed to specify product. Typical selection is BW. BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)</div><div><div>BW</div><div>Bare Wire (Standard 24")</div></div><div><div>BRL</div><div>Barrel</div></div><div><div>CON6</div><div>Connector 6"</div></div><div><div>CON24</div><div>Connector 24"</div></div><div>Connector/Wire In not needed to specify product. Typical selection is BW. BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)</div></div>	<div><div>9</div><div>CONNECTOR/WIRE OUT</div><div><div>CLS</div><div>Closed End (No feed)</div></div><div><div>BW</div><div>Bare Wire (Standard 24")</div></div><div><div>BRL</div><div>Barrel</div></div><div><div>CON6</div><div>Connector 6"</div></div><div><div>CON24</div><div>Connector 24"</div></div><div>Connector/Wire Out not needed to specify product. Typical selection is CLS or BW. BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)</div></div>			
<div><div>10</div><div>INPUT END CAP</div><div><div>STD</div><div>Standard</div></div><div><div>CL</div><div>Clear</div></div><div>STD - End cap matches fixture finish chosen</div><div>Select CL for continuous runs</div></div>	<div><div>11</div><div>OUTPUT END CAP</div><div><div>STD</div><div>Standard</div></div><div><div>CL</div><div>Clear</div></div><div>STD - End cap matches fixture finish chosen</div><div>Select CL for continuous runs</div></div>	<div><div>12</div><div>WIRE COLOR</div><div><div>WH</div><div>White</div></div><div><div>BK</div><div>Black</div></div><div><div>N/A</div><div>For Barrel</div></div></div>	<div><div>13</div><div>WIRE TYPE</div><div><div>CL2</div><div>Class 2</div></div><div><div>CL2P</div><div>Plenum Rated</div></div><div><div>N/A</div><div>For Barrel</div></div><div>CL2P only available with bare wire leads (BW)</div></div>		
<div><div>14</div><div>MOUNTING</div><div><div>SST</div><div>Stainless Steel</div></div><div><div>M4</div><div>Low Profile Magnet</div></div><div><div>MG</div><div>Magnet</div></div></div>	<div><div>15</div><div>FINISH</div><div><div>ST</div><div>Satin</div></div><div><div>BK</div><div>Black</div></div><div><div>BZ</div><div>Bronze</div></div><div><div>CU</div><div>Custom</div></div></div>	<div><div>16</div><div>LENGTH (IN)</div><div>Fixture length min 12", max 98.43" not including end caps. Tolerance +0 - 1/8". Consult factory for lengths under 12".</div></div>	<div><div>17</div><div>EXACT/OPTIMAL</div><div><div>O</div><div>Optimal Illumination</div></div><div><div>E</div><div>Exact Specified Length</div></div><div>Exact fixtures are the exact length specified +0 - 1/8". Optimal fixtures' length is rounded down with illumination end to end. See Exact/Optimal Fixture Length charts.</div></div>		

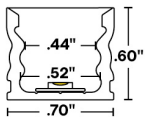
5 year warranty | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance | Compatible for use with QTL power supplies | Florida Fish and Wildlife Conservation Commission (FWC) rated Strips: Red and Amber | IK10 rated



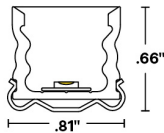
TEST LFT 3 CONFIG

24VDC Linear Fixtures - Surface & Recessed

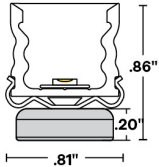
1 PRODUCT - DIMENSIONS



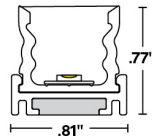
Profile



Profile with stainless steel mounting clip



Profile with magnet mounting clip



Profile with low profile magnet

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		1.5 HE W/FT		3.0 W/FT		3.0 HE 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

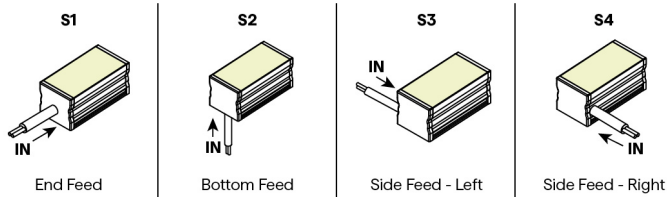


TEST LFT 3 CONFIG

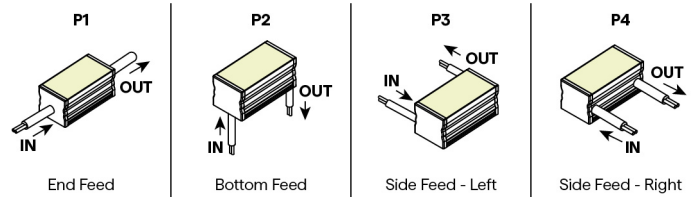
24VDC Linear Fixtures - Surface & Recessed

7 WIRE INPUT/OUTPUT

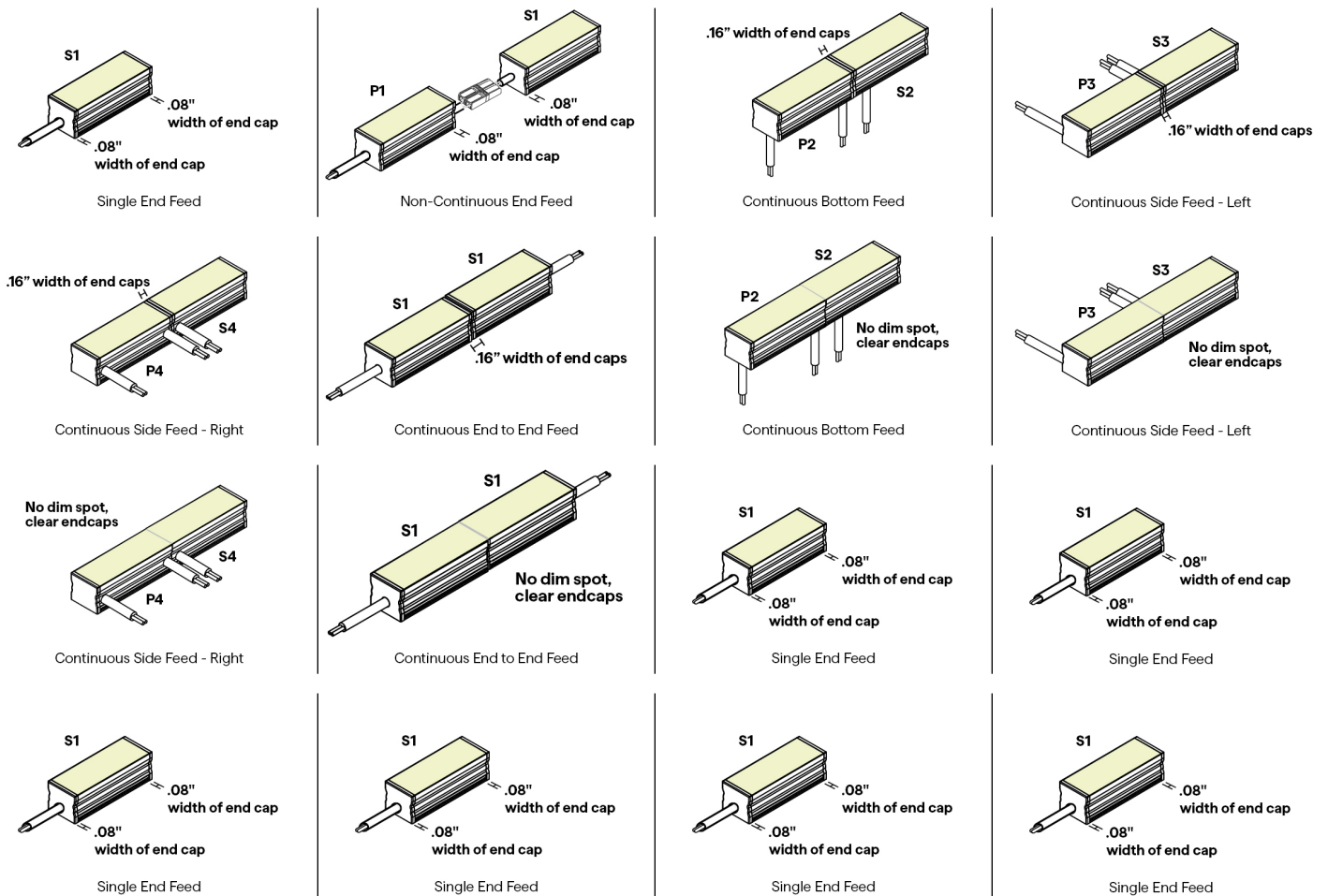
SINGLE (Input only)



PASS THROUGH (Input/Output)



CONFIGURATION OPTIONS



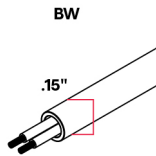


TEST LFT 3 CONFIG

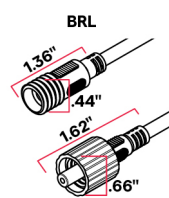
24VDC Linear Fixtures - Surface & Recessed

8 / 9 CONNECTOR/WIRE - IN/OUT

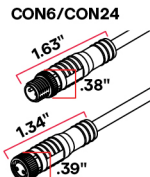
Connector/Wire In or Out not needed to specify product. Standard configuration is BW for Wire In and CLS for Wire Out



Bare Wire 24"
22 AWG



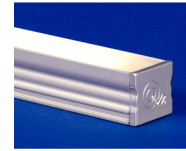
Barrel 6" - WET | 22 AWG



6" or 24" Overall
Wire Connector | 22 AWG
IP67 Rated, UL Listed

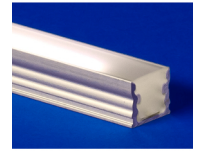
10 / 11 END CAP - IN/OUT

STD



End cap matches fixture
finish chosen

CL



Clear end cap

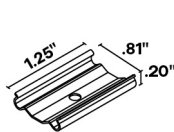
12 WIRE COLOR



White
Black

14 MOUNTING

SST



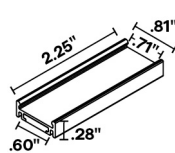
Stainless Steel Clip

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 screw

M4

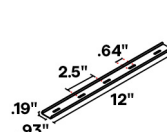


Low Profile Magnet

One M4 provided per foot.

To order separately use
MG-04

MMA-04



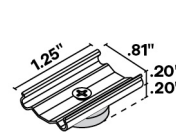
Magnet Mount
Accessory for M4

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

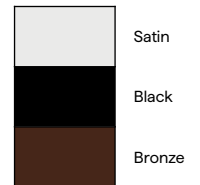
MG



Magnet Clip

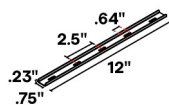
One MG provided per foot
To order separately use MG-01

15 FINISH



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



TEST LFT 3 CONFIG

24VDC Linear Fixtures - Surface & Recessed

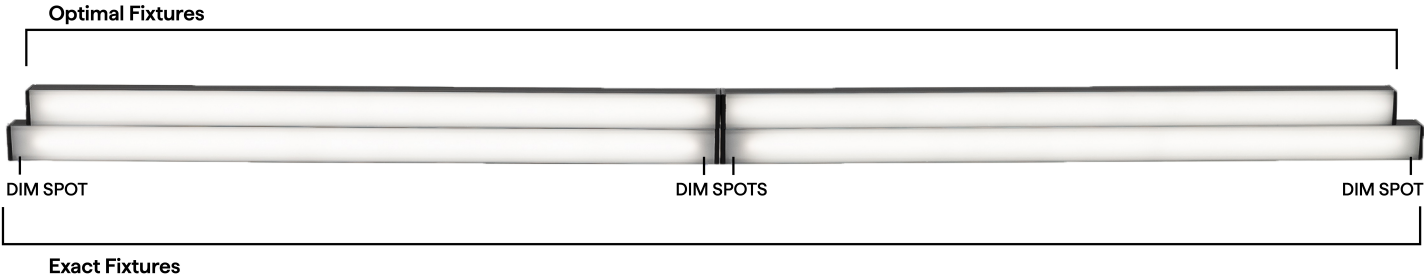
17

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.



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 +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		P1 & P2		S3 & S4		P3 & P4	
	S1	S2	P1	P2	S3	S4	P3	P4
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 +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	
	S1 IN End Feed	S2 IN Bottom Feed	P1 IN End Feed	P2 OUT Bottom Feed	S3 IN Side Feed - Left	S4 IN Side Feed - Right	P3 IN Side Feed - Left	P4 OUT Side Feed - Right
12"		10.5"		10.75"		10.375"		10.375"
13"		12.5"		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 +/- 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	



TEST LFT 3 CONFIG

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 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

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

Backwards L Mounting Bracket

L Mounting Bracket


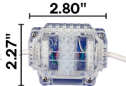





L Mounting Bracket



TEST LFT 3 CONFIG

24VDC Linear Fixtures - Surface & Recessed

COMPATIBLE WIRING ACCESSORIES

Q-mini-J  1.25" x 2" UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)	Q-mini-J5  2.27" x 2.80" UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)	BARREL-EXT  8ft barrel cable extender DRY ONLY	BARREL FOUR-FER  Splits lead from one to four LED Barrel connector fixtures, DRY/DMP	CON120-EXT  10ft Con cable extender DRY/DMP/WET	CON FOUR-FER  Splits lead from one to four LED Con connectors 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



1.36" x 2.58"
Wi-Fi or Bluetooth Connectivity

COMPATIBLE APPS

NFC APP



Read and write DMX addresses and adjust voltage