

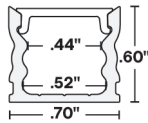
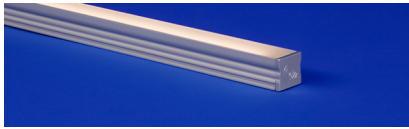


TORQ-FLAT (01) STATIC WHITE HIGH EFFICACY

24VDC Linear Fixtures - Surface & Recessed



Declare.



- Surface mount linear fixture
- Choose from diffused, polar, frosted, clear 60°, or clear 70° lens options for varying diode visibility and beam angles
- Offered with an optional mounting tray
- 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

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
PRODUCT	WATTS/ FT	CCT	RATED	EFFICIENCY	LENS	WIRE INPUT/ OUTPUT	CONNECTOR/ WIRE IN	CONNECTOR/ WIRE OUT	WIRE COLOR	WIRE TYPE	MOUNTING	FINISH	LENGTH (IN)	EXACT/ OPTIMAL
TQ1SW														

Sample Part Number: **TQ1SW-3.0HE-30-DRY-WO-DF-P1-BW-BW-BK-CL2-SST-BK-48"-E**

<div><div>1</div><div>PRODUCT</div></div> <div><div>TQ1SW</div><div>See following pages for compatible power supplies.</div></div>	<div><div>2</div><div>WATTS/FT</div></div> <div><div><div>1.5HE 1.5W/ft HE</div><div>3.0HE 3.0W/ft HE</div><div>6.0HE 6.0W/ft HE</div><div>9.0HE 9.0W/ft HE</div></div><div><div>3.0HE+ 3.0W/ft HE+</div><div>6.0HE+ 6.0W/ft HE+</div></div><div><div>1.5HE 1.5W/ft HE</div><div>3.0HE 3.0W/ft HE</div><div>6.0HE 6.0W/ft HE</div></div></div>	<div><div>3</div><div>CCT</div></div> <div><div><div>20 2000K</div><div>22 2200K</div><div>24 2400K</div><div>27 2700K</div><div>30 3000K</div><div>35 3500K</div><div>40 4000K</div></div><div><div>27 2700K</div><div>30 3000K</div><div>35 3500K</div><div>40 4000K</div></div><div><div>24 2400K</div><div>27 2700K</div><div>30 3000K</div><div>35 3500K</div><div>40 4000K</div></div></div>	<div><div>4</div><div>RATED</div></div> <div><div>DRY IP20</div><div>DMP IP54</div></div>	<div><div>5</div><div>EFFICIENCY</div></div> <div><div><div>STD Standard</div><div>WO White Optics</div><div>WhiteOptics - Internal coating, greater lumen output</div></div></div>	<div><div>6</div><div>LENS</div></div> <div><div><div>DF Diffused</div><div>PR Polar</div><div>FR Frosted</div><div>CL/60 Clear 60°</div><div>CL/70 Clear 70°</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. For optional snap-on louver ordering, see External Louver Accessory section on following pages</div></div>
<div><div>7</div><div>WIRE INPUT/OUTPUT</div></div> <div><div><div>S1 Single 1 (Input only) - End Feed</div><div>S2 Single 2 (Input only) - Bottom Feed</div><div>S3 Single 3 (Input only) - Left Side Feed</div><div>S4 Single 4 (Input only) - Right Side Feed</div><div>For continuous mounting, consider bottom or side feed</div></div><div><div><div>P1 Pass Through 1 (Input/output) - End Feed</div><div>P2 Pass Through 2 (Input/output) - Bottom Feed</div><div>P3 Pass Through 3 (Input/output) - Left Side Feed</div><div>P4 Pass Through 4 (Input/output) - Right Side Feed</div><div>For continuous mounting, consider bottom or side feed</div></div></div></div>	<div><div>8</div><div>CONNECTOR/WIRE IN</div></div> <div><div><div>BW Bare Wire (Standard 24")</div><div>BRL Barrel</div><div>CON6 Connector 6"</div><div>CON24 Connector 24"</div><div>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><div>BW Bare Wire (Standard 24")</div><div>BRL Barrel</div><div>CON6 Connector 6"</div><div>CON24 Connector 24"</div><div>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>	<div><div>9</div><div>CONNECTOR/WIRE OUT</div></div> <div><div><div>CLS Closed End (No feed)</div></div><div><div><div>BW Bare Wire (Standard 24")</div><div>BRL Barrel</div><div>CON6 Connector 6"</div><div>CON24 Connector 24"</div><div>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>	<div><div>10</div><div>WIRE COLOR</div></div> <div><div><div>WH White</div><div>BK Black</div><div>N/A For Barrel</div><div>wet barrel only available in black</div></div></div>		
<div><div>11</div><div>WIRE TYPE</div></div> <div><div><div>CL2 Class 2</div><div>CL2P Plenum Rated</div><div>N/A For Barrel</div><div>CL2P only available with bare wire leads (BW)</div></div></div>	<div><div>12</div><div>MOUNTING</div></div> <div><div><div>SST Stainless Steel</div><div>M4 Low Profile Magnet</div><div>MG Magnet</div></div></div>	<div><div>13</div><div>FINISH</div></div> <div><div><div>ST Satin</div><div>BK Black</div><div>BZ Bronze</div></div></div>	<div><div>14</div><div>LENGTH (IN)</div></div> <div><div>Minimum length is 12", maximum length is 98" not including end caps. Contact us for lengths under 12".</div></div>	<div><div>15</div><div>EXACT/OPTIMAL</div></div> <div><div><div>O Optimal Illumination</div><div>E Exact Specified Length</div><div>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.</div></div></div>	

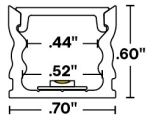
5 year warranty | Warranty only valid with QTL power supplies | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance



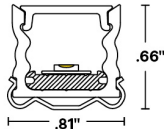
TORQ-FLAT (01) STATIC WHITE HIGH EFFICACY

24VDC Linear Fixtures - Surface & Recessed

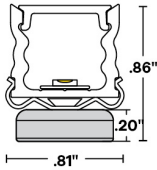
1 PRODUCT - DIMENSIONS



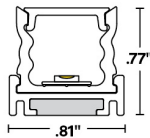
Profile



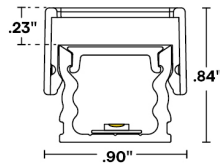
Profile with flat lens, stainless steel mounting clip, and mounting tray



Profile with flat lens and magnet mounting clip



Profile with flat lens and low profile magnet



Profile with plastic louver

2 DELIVERED LUMENS

[Calculated L70 = 70000 hrs, L70 = 50000 for HE+]
Tested with TQ1SW-**-30-DRY-STD

	1.5HE W/FT		3.0HE W/FT		3.0HE+ 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
60	156	98	286	98	413	92	542	98	763	92	815	98
70	158	98	290	98	418	92	549	98	773	92	825	98
FR	153	98	281	98	405	92	532	98	749	92	800	98
PR	138	98	252	98	364	92	478	98	673	92	719	98
DF	124	98	228	98	329	92	432	98	608	92	649	98

[Calculated L70 = 70000 hrs, L70 = 50000 for HE+]
Tested with TQ1SW-**-30-DRY-WO

	1.5HE W/FT		3.0HE W/FT		3.0HE+ 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
60	171	98	314	98	453	92	596	98	838	92	895	98
70	179	98	328	98	473	92	621	98	874	92	934	98
FR	168	98	308	98	444	92	584	98	821	92	877	98
PR	152	98	279	98	402	92	528	98	743	92	793	98
DF	135	98	247	98	357	92	469	98	660	92	705	98

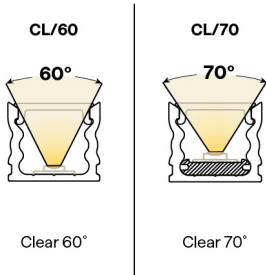
6 DIODE VISIBILITY



- DF - Diffused lens
- PR - Polar lens
- FR - Frosted lens
- CL - Clear lens

PHOTOMETRIC PERFORMANCE

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



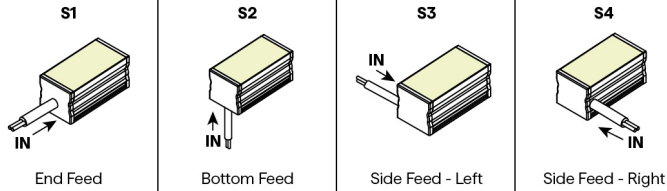


TORQ-FLAT (01) STATIC WHITE HIGH EFFICACY

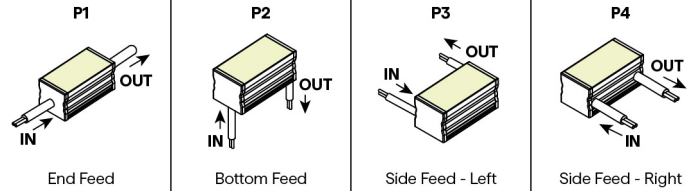
24VDC Linear Fixtures - Surface & Recessed

7 WIRE INPUT/OUTPUT

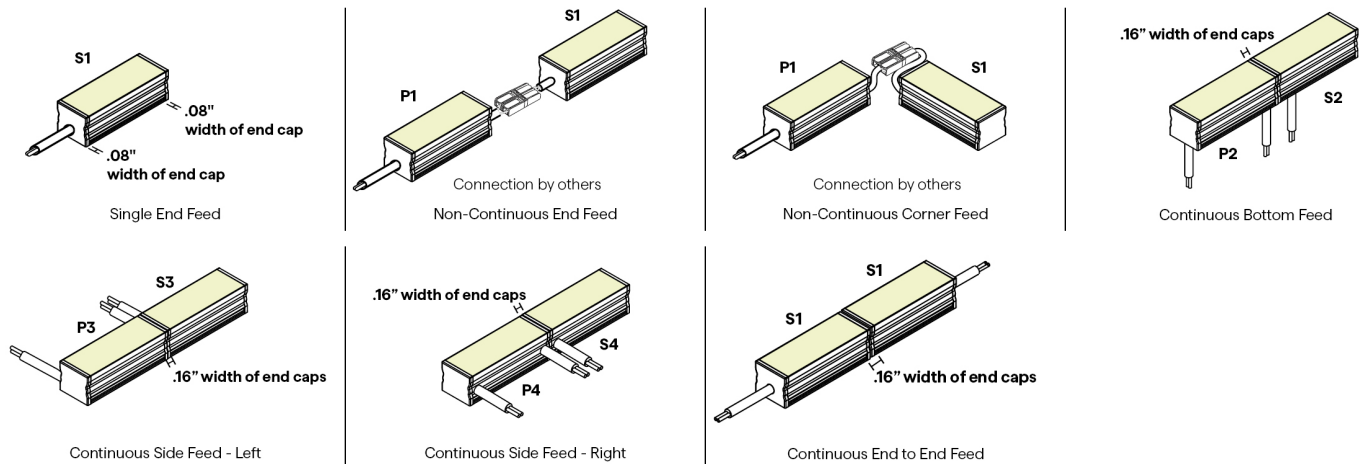
SINGLE (Input only)



PASS THROUGH (Input/Output)

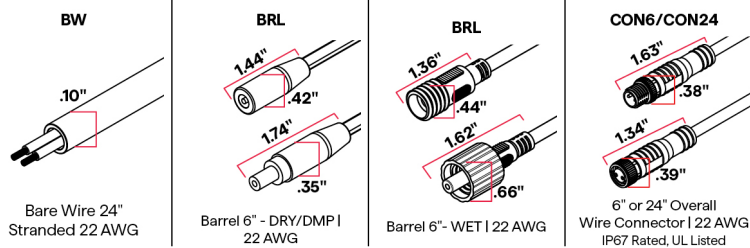


CONFIGURATION OPTIONS

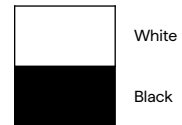


8 / 9 CONNECTOR/WIRE - IN/OUT

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



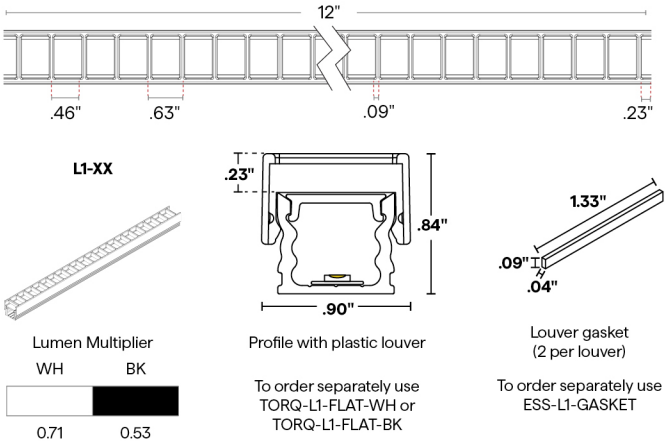


TORQ-FLAT (01) STATIC WHITE HIGH EFFICACY

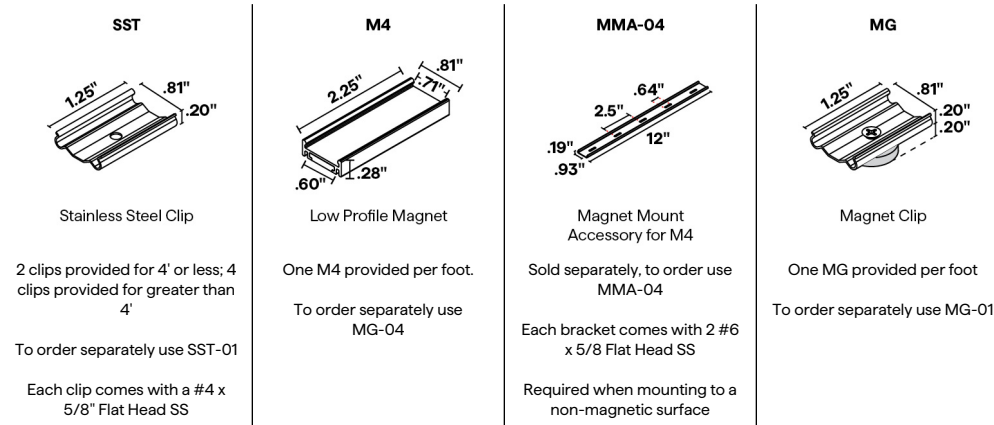
24VDC Linear Fixtures - Surface & Recessed

EXTERNAL LOUVER ACCESSORY

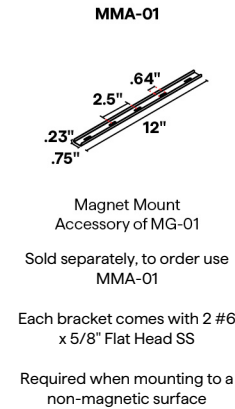
PLASTIC



12 MOUNTING



13 FINISH





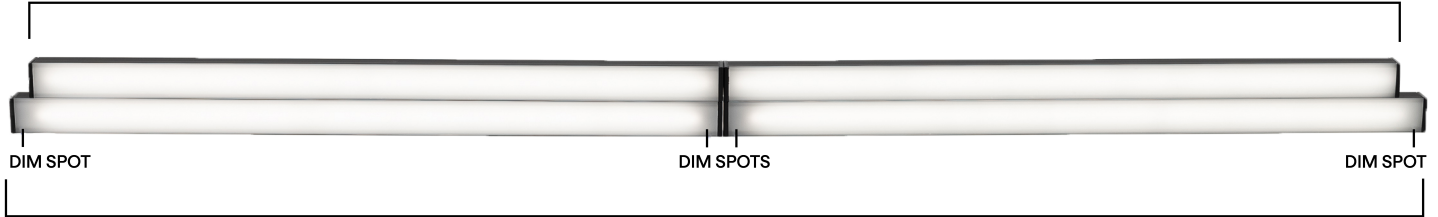
TORQ-FLAT (01) STATIC WHITE HIGH EFFICACY

24VDC Linear Fixtures - Surface & Recessed

15 EXACT/OPTIMAL FIXTURE LENGTH

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-HE, SW-HE+ DRY, DMP 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 End Feed IN	S2 Bottom Feed IN	P1 End Feed IN	P2 Bottom Feed IN	S3 Side Feed - Left IN	S4 Side Feed - Right IN	P3 Side Feed - Left IN	P4 Side Feed - Right IN
12"								
13"								
14"								
15"								
16"								
17"								
18"								
19"								
20"								
21"								
22"								
23"								
24"								
36"								
48"								
60"								
72"								
84"								
96"								



TORQ-FLAT (01) STATIC WHITE HIGH EFFICACY

24VDC Linear Fixtures - Surface & Recessed

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
	SW24/5.0, SW-HE, SW-HE+	SW24/5.0, SW-HE, SW-HE+
Dim to Black	Q6M-DC+CAP QTM-DC+CAP iQ-PH iQ-PH+QD1	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	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	Q-SET+QZ-DALI-DT6
10%	Non-Dim Power Supply with SW App Dongle	


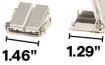




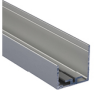

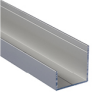


TORQ-FLAT (01) STATIC WHITE HIGH EFFICACY


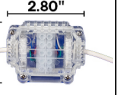





24VDC Linear Fixtures - Surface & Recessed

DIMMING PROTOCOL	INDOOR	OUTDOOR
	SW24/5.0, SW-HE, SW-HE+	SW24/5.0, SW-HE, SW-HE+
Non-Dim	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
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	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	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	
ECO System	QTM-eLED(E)	
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	Q-SET+QZ-DALI-DT6 QOM-eLED+DALI-DT6
SCENE App Dimmed	Non-Dim Power Supply with SW App Dongle	

COMPATIBLE MOUNTING ACCESSORIES

HINGE - HMB-M  1.41" .71" Adjustable mounting bracket - Medium	HINGE - HMB-L  1.46" 1.29" Adjustable mounting bracket - Large	HINGE - HMB-XL  1.46" 4" Adjustable mounting bracket - XLarge	Q-PIVOT  .75" 1.03" Small mounting accessory	Q-ANGLE  2.23" 1.38" Adjustable mounting accessory	NJ-MEDIUM  J Mounting Bracket	NJ-LARGE  J Mounting Bracket	NU-LARGE  U Mounting Bracket	SD-J-LARGE  J Mounting Bracket
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COMPATIBLE WIRING ACCESSORIES

Q-mini-J  2" 1.25" UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)	Q-mini-J5  2.80" 2.27" 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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TORQ-FLAT (01) STATIC WHITE HIGH EFFICACY

24VDC Linear Fixtures - Surface & Recessed

COMPATIBLE CONTROL ACCESSORIES

SCENE APP DONGLE



Wi-Fi or Bluetooth
Connectivity