



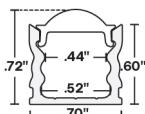
TORQ-OPTICS (02) STATIC WHITE HIGH EFFICACY

24VDC Linear Fixtures - Surface & Recessed



5 YEAR
WARRANTY

Declare.



- Surface mount linear fixture for grazing
- Choose from a 12° or 40° beam angle
- 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 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
TQ2SW														

Sample Part Number: TQ2SW-3.0HE-30-DRY-WO-12-P1-BW-BW-BK-CL2-SST-BK-48"-E

1 PRODUCT TQ2SW See following pages for compatible power supplies.	2 WATTS/FT 1.5HE 1.5W/ft HE 3.0HE 3.0W/ft HE 6.0HE 6.0W/ft HE 9.0HE 9.0W/ft HE	3 CCT 20 2000K 22 2200K 24 2400K 27 2700K 30 3000K 35 3500K 40 4000K	4 RATED DRY IP20	5 EFFICIENCY STD Standard WO White Optics WhiteOptics - Internal coating, greater lumen output	6 LENS 12 Optical 12° 40 Optical 40° DRY or DMP only 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
	3.0HE+ 3.0W/ft HE+ 6.0HE+ 6.0W/ft HE+	27 2700K 30 3000K 35 3500K 40 4000K			
	1.5HE 1.5W/ft HE 3.0HE 3.0W/ft HE 6.0HE 6.0W/ft HE	24 2400K 27 2700K 30 3000K 35 3500K 40 4000K	DMP IP54		
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 For continuous mounting, consider bottom or side feed	8 CONNECTOR/WIRE IN BW Bare Wire (Standard 24") BRL Barrel CON6 Connector 6" CON24 Connector 24" BW: Standard length is 24". Max length is 120". Request custom length by writing in part number next to BW (example: BW48)	9 CONNECTOR/WIRE OUT CLS Closed End (No feed)	10 WIRE COLOR WH White BK Black N/A For Barrel wet barrel only available in black		
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 For continuous mounting, consider bottom or 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 For continuous mounting, consider bottom or side feed	BW Bare Wire (Standard 24") BRL Barrel CON6 Connector 6" CON24 Connector 24" BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)	BW Bare Wire (Standard 24") BRL Barrel CON6 Connector 6" CON24 Connector 24" 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 M4 Low Profile Magnet MG Magnet	13 FINISH ST Satin BK Black BZ Bronze	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.	

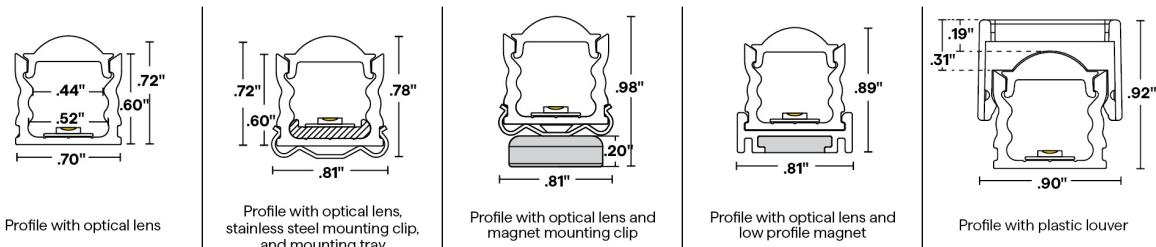
5 year warranty | Warranty only valid with QTL power supplies | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance



TORQ-OPTICS (02) STATIC WHITE HIGH EFFICACY

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

	1.5HE 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
12	149	98	273	98	423	92	517	98	781	92	777	98
40	200	98	367	98	529	92	695	98	978	92	1045	98

[Calculated L70 = 70000 hrs, L70 = 50000 for HE+]

Tested with TQ2SW-**-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
12	171	98	313	98	440	92	594	98	814	92	892	98
40	209	98	383	98	552	92	725	98	1020	92	1089	98

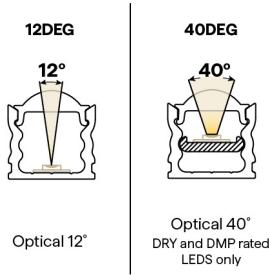
6 DIODE VISIBILITY



Optical lens

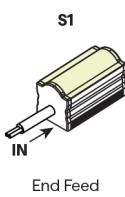
PHOTOMETRIC PERFORMANCE

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

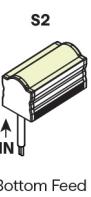


7 WIRE INPUT/OUTPUT

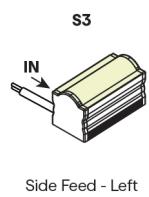
SINGLE (Input only)



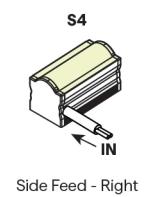
End Feed



Bottom Feed



Side Feed - Left

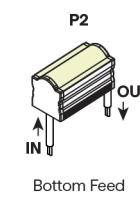


Side Feed - Right

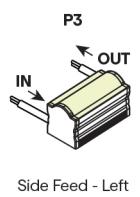
PASS THROUGH (Input/Output)



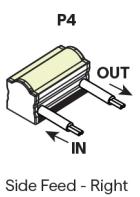
End Feed



Bottom Feed



Side Feed - Left



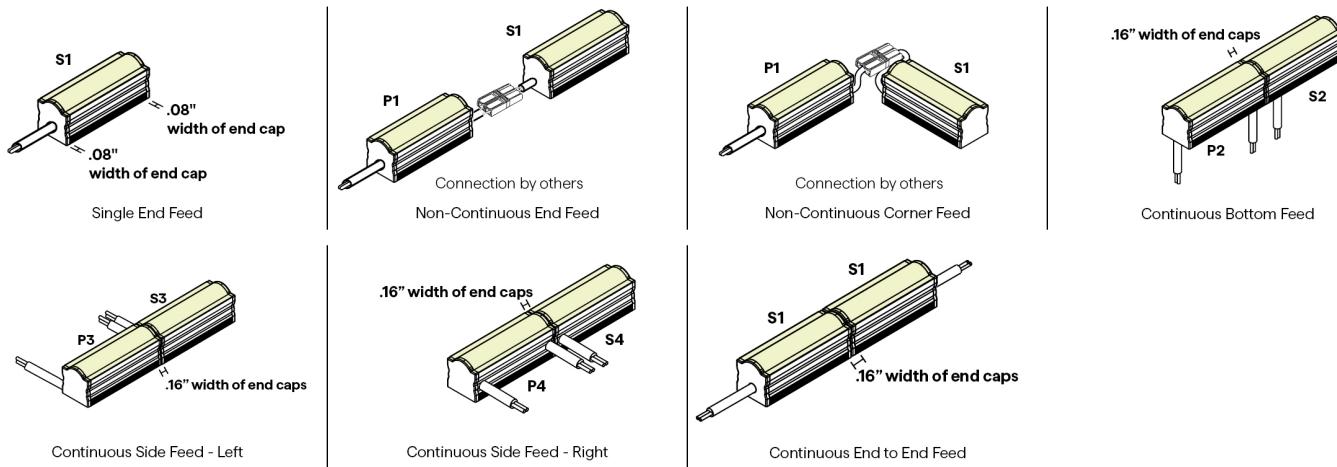
Side Feed - Right



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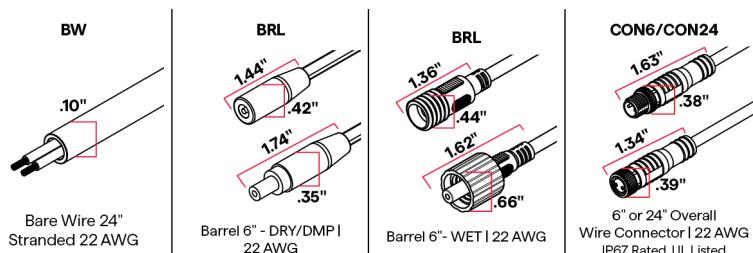
24VDC Linear Fixtures - Surface & Recessed

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

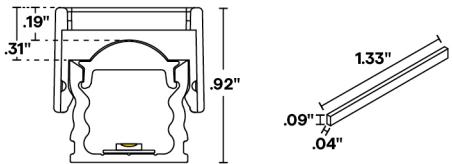
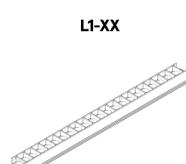
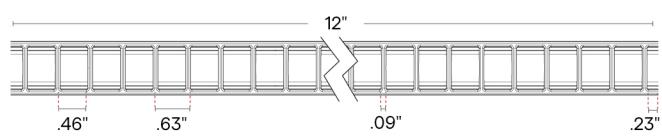


10 WIRE COLOR



EXTERNAL LOUVER ACCESSORY

PLASTIC



Lumen Multiplier

WH BK



0.74 0.57

Profile with plastic louver

To order separately use
TORQ-L1-GZR-WH or
TORQ-L1-GZR-BK

Louver gasket
(2 per louver)

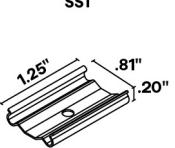
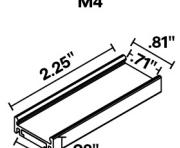
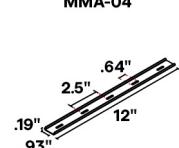
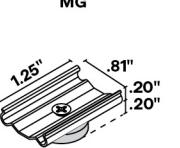
To order separately use
ESS-L1-GASKET



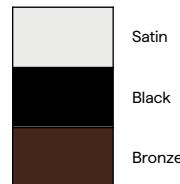
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24VDC Linear Fixtures - Surface & Recessed

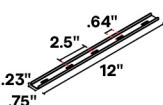
12 MOUNTING

SST	M4	MMA-04	MG
 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	 Low Profile Magnet One M4 provided per foot. To order separately use MG-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	 Magnet Clip One MG provided per foot To order separately use MG-01

13 FINISH



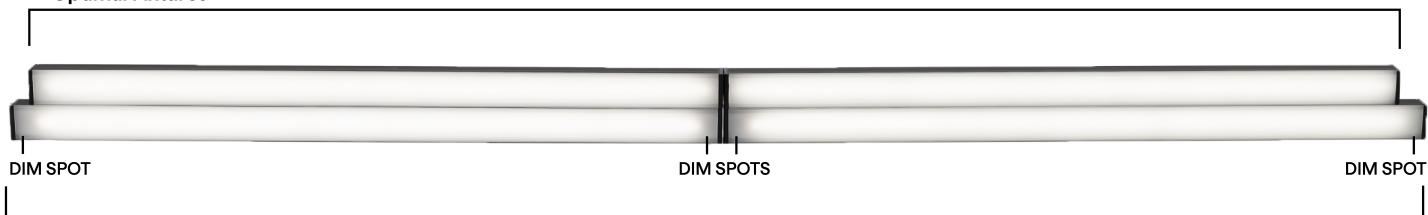
MMA-01

 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 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



TORQ-OPTICS (02) STATIC WHITE HIGH EFFICACY

24VDC Linear Fixtures - Surface & Recessed

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	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"	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 $\pm 5\%$ 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	

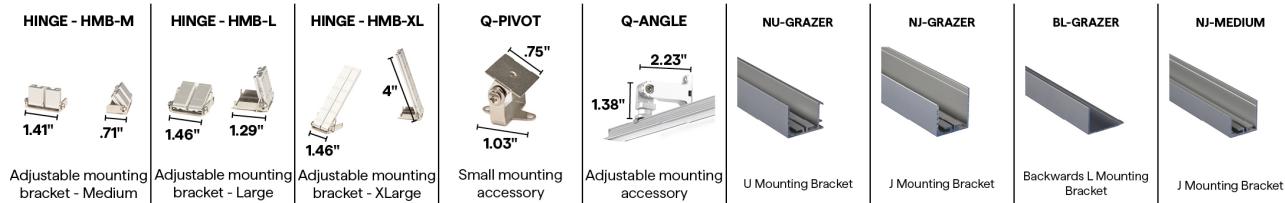


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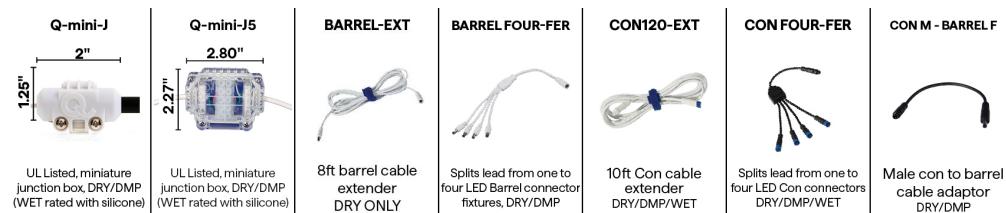
24VDC Linear Fixtures - Surface & Recessed

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



COMPATIBLE WIRING ACCESSORIES





TORQ-OPTICS (02) STATIC WHITE HIGH EFFICACY

24VDC Linear Fixtures - Surface & Recessed

COMPATIBLE CONTROL ACCESSORIES

SCENE APP DONGLE



Wi-Fi or Bluetooth
Connectivity