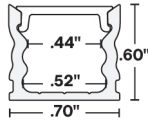
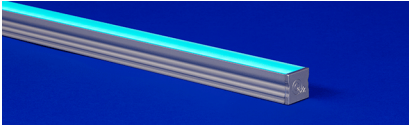




ESSENTIALS TORQ-FLAT (01) RGB

24VDC Linear Fixtures - Surface & Recessed



- 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
- Mounting options include stainless steel clips, magnets, and low-profile magnet mounts
- Features painted end caps to match extrusion finish
- Red, Green, and Blue LED allows for color changing applications
- Features 7 diodes per 2" cut point

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
PRODUCT	WATTS/FT	CCT	RATED	EFFICIENCY	LENS	EXTERNAL LOUVER	WIRE INPUT/ OUTPUT	CONNECTOR / WIRE IN	CONNECTOR / WIRE OUT	WIRE COLOR	WIRE TYPE	MOUNTING	FINISH	LENGTH (IN)	EXACT/ OPTIMAL
TQ1RGB	6.0	RGB													

Sample Part Number: **TQ1RGB-6.0-RGB-DRY-WO-DF-P1-BW-BK-CL2-SST-BK-48"-E**

<div>1</div> <div>PRODUCT</div> <div>TQ1RGB</div> <div>See following pages for compatible power supplies.</div>	<div>2</div> <div>WATTS/FT</div> <div>6.0 6.0W/ft</div>	<div>3</div> <div>CCT</div> <div>RGB</div>	<div>4</div> <div>RATED</div> <div>DRY IP20 DMP IP54</div>	<div>5</div> <div>EFFICIENCY</div> <div>STD Standard WO White Optics</div> <div>WhiteOptics - Internal coating, greater lumen output</div>	<div>6</div> <div>LENS</div> <div>DF Diffused PR Polar FR Frosted CL/60 Clear 60° CL/70 Clear 70°</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>7</div> <div>EXTERNAL LOUVER</div> <div>L1-WH White Plastic L1-BK Black Plastic N/A No Louver</div> <div>Louvers are shipped separately and require field assembly</div>
<div>8</div> <div>WIRE INPUT/OUTPUT</div> <div>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</div> <div>For continuous mounting, consider bottom or side feed</div> <div>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</div> <div>For continuous mounting, consider bottom or side feed</div>	<div>9</div> <div>CONNECTOR/WIRE IN</div> <div>BW Bare Wire (Standard 24") CON6 Connector 6" CON24 Connector 24"</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>BW Bare Wire (Standard 24") CON6 Connector 6" CON24 Connector 24"</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>10</div> <div>CONNECTOR/WIRE OUT</div> <div>CLS Closed End (No feed)</div> <div>BW Bare Wire (Standard 24") CON6 Connector 6" CON24 Connector 24"</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>11</div> <div>WIRE COLOR</div> <div>WH White BK Black</div>			
<div>12</div> <div>WIRE TYPE</div> <div>CL2 Class 2 CL2P Plenum Rated</div> <div>CL2P only available with bare wire leads (BW)</div>	<div>13</div> <div>MOUNTING</div> <div>SST Stainless Steel M4 Low Profile Magnet MG Magnet</div>	<div>14</div> <div>FINISH</div> <div>ST Satin BK Black BZ Bronze CU Custom</div>	<div>15</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>16</div> <div>EXACT/OPTIMAL</div> <div>O Optimal Illumination E Exact Specified Length</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>		

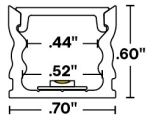
5 year warranty | Warranty only valid with QTL power supplies | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance



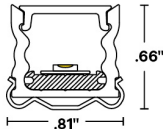
ESSENTIALS TORQ-FLAT (01) RGB

24VDC Linear Fixtures - Surface & Recessed

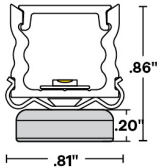
1 PRODUCT - DIMENSIONS



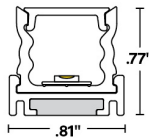
Profile



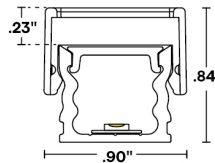
Profile with flat lens, stainless steel mounting clip, and mounting tray



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 = 55000 hrs]
Tested with TQ1RGB-6.0-RGB-DRY-STD

	Red		Green		Blue		All
	LM/FT	WAVELENGTH	LM/FT	WAVELENGTH	LM/FT	WAVELENGTH	
60	70	633	142	523	40	469	228
70	71	633	144	523	41	469	231
FR	69	633	139	523	39	469	224
PR	62	633	125	523	35	469	201
DF	56	633	113	523	32	469	182

[Calculated L70 = 55000 hrs]
Tested with TQ1RGB-6.0-RGB-DRY-WO

	Red		Green		Blue		All
	LM/FT	WAVELENGTH	LM/FT	WAVELENGTH	LM/FT	WAVELENGTH	
60	77	633	156	523	44	469	251
70	81	633	163	523	46	469	261
FR	76	633	153	523	43	469	246
PR	68	633	138	523	39	469	222
DF	61	633	123	523	35	469	197

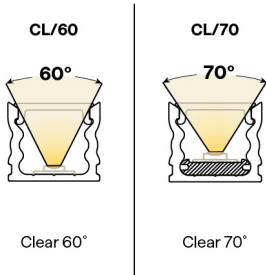
6 DIODE VISIBILITY



- 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.





ESSENTIALS TORQ-FLAT (01) RGB

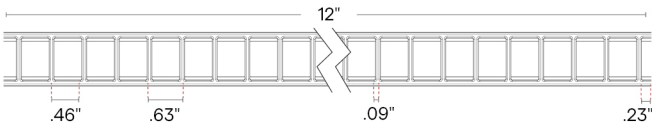
24VDC Linear Fixtures - Surface & Recessed

TEMPERATURE RATINGS

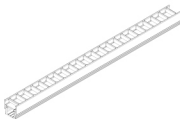
		6.0 W/FT	
		Min	Max
DRY	Ambient Operating Temp - Surface	-13°F	110°F
DMP	Ambient Operating Temp - Surface	-13°F	105°F

7 EXTERNAL LOUVER

PLASTIC



L1-XX



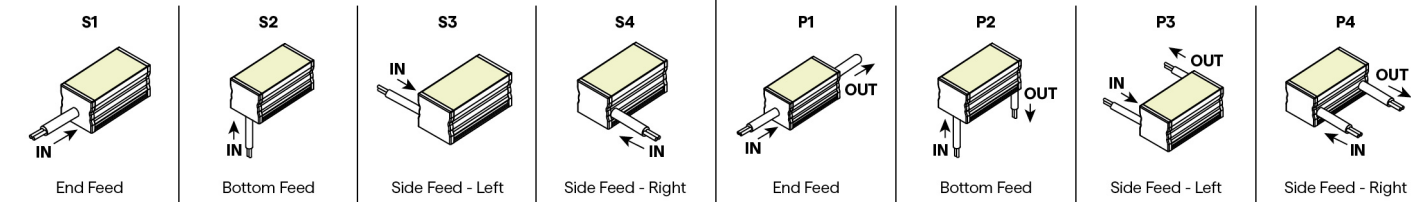
Lumen Multiplier

WH	BK
0.72	0.53

8 WIRE INPUT/OUTPUT

SINGLE (Input only)

PASS THROUGH (Input/Output)

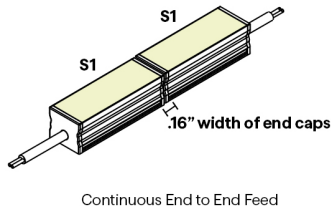
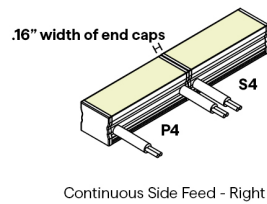
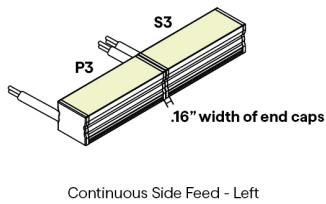
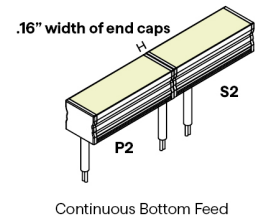
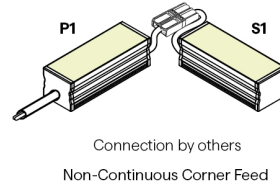
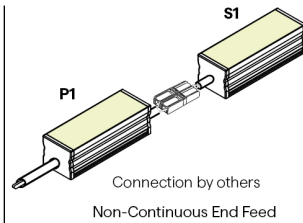
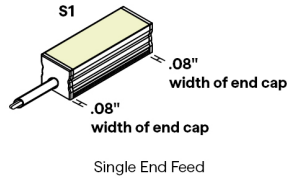




ESSENTIALS TORQ-FLAT (01) RGB

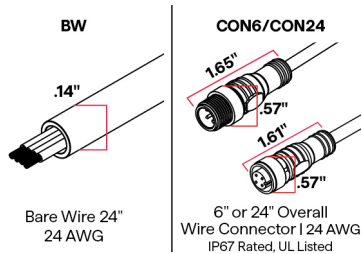
24VDC Linear Fixtures - Surface & Recessed

CONFIGURATION OPTIONS



9 / 10 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



11 WIRE COLOR



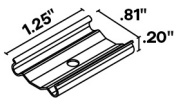


ESSENTIALS TORQ-FLAT (01) RGB

24VDC Linear Fixtures - Surface & Recessed

13 MOUNTING

SST



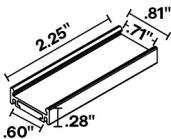
Stainless Steel Clip

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

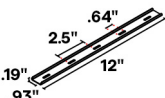


Low Profile Magnet

One M4 provided per foot.

To order separately use MG-04

MMA-04



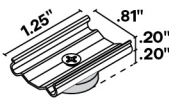
Magnet Mount Accessory for M4

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

14 FINISH



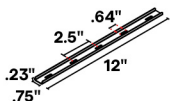
Satin

Black

Bronze

Custom color available

MMA-01



Magnet Mount Accessory of MG-01

Sold separately, to order use MMA-01

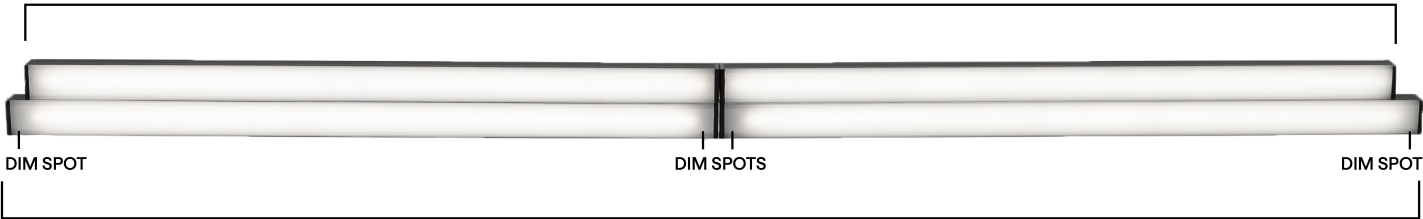
Each bracket comes with 2 #6 x 5/8" Flat Head SS

Required when mounting to a non-magnetic surface

16 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



ESSENTIALS TORQ-FLAT (01) RGB

24VDC Linear Fixtures - Surface & Recessed

RGB 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	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
	RGB
0.1%	QT-CAB-eLED+DMX QTM-eLED+DMX QZ-DMX
1%	QT-CAB-eLED+DALI-DT8 QTM-eLED+DALI-DT8 QZ-DALI-DT8
10%	Non-Dim Power Supply with RGB App Dongle


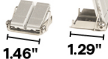








DIMMING PROTOCOL	INDOOR
	RGB
DMX	QTM-eLED+DMX QZ-DMX
DALI-2: DT8	QT-CAB-eLED+DALI-DT8 QTM-eLED+DALI-DT8 QZ-DALI-DT8
SCENE App Dimmed	Non-Dim Power Supply with RGB App Dongle



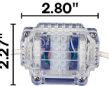

ESSENTIALS TORQ-FLAT (01) RGB

24VDC Linear Fixtures - Surface & Recessed




COMPATIBLE MOUNTING ACCESSORIES

HINGE - HMB-M	HINGE - HMB-L	HINGE - HMB-XL	Q-PIVOT	Q-ANGLE	VHB	NJ-MEDIUM	NJ-LARGE	NU-LARGE	SD-J-LARGE
									
Adjustable mounting bracket - Medium	Adjustable mounting bracket - Large	Adjustable mounting bracket - XLarge	Small mounting accessory	Adjustable mounting accessory	Double sided mounting tape	J Mounting Bracket	J Mounting Bracket	U Mounting Bracket	J Mounting Bracket

COMPATIBLE WIRING ACCESSORIES

Q-mini-J5	CON120-EXT
	
UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)	10ft Con cable extender DRY/DMP/WET

COMPATIBLE CONTROL ACCESSORIES

SCENE APP DONGLE	IQ-DMX-STICK-GA2	IQ-DMX-STICK-DE3
		
Wi-Fi or Bluetooth Connectivity	DMX controller for changing color & dimming	DMX controller for changing color & dimming