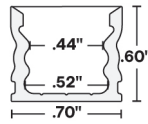
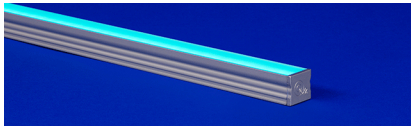




ESSENTIALS TORQ- ENCAPSULATED (03) RGB

24VDC Linear Fixtures - Surface & Recessed



- 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
- 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	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
TQ3RGB	6.0	RGB	ENC													

Sample Part Number: **TQ3RGB-6.0-RGB-ENC-WO-TL-P1-BW-BW-STD-STD-BK-CL2-SST-BK-48"-E**

<div><div>1</div><div>PRODUCT</div></div> <div><div>TQ3RGB</div><div>See following pages for compatible power supplies.</div></div>	<div><div>2</div><div>WATTS/FT</div></div> <div><div>6.0</div><div>6.0W/ft</div></div>	<div><div>3</div><div>CCT</div></div> <div><div>RGB</div></div>	<div><div>4</div><div>RATED</div></div> <div><div>ENC IP67</div></div>	<div><div>5</div><div>EFFICIENCY</div></div> <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><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><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><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><div><div>BW</div><div>Bare Wire (Standard 24")</div></div><div><div>CON6</div><div>Connector 6"</div></div><div><div>CON24</div><div>Connector 24"</div></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</div><div>Bare Wire (Standard 24")</div></div><div><div>CON6</div><div>Connector 6"</div></div><div><div>CON24</div><div>Connector 24"</div></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>9</div><div>CONNECTOR/WIRE OUT</div></div> <div><div><div>CLS</div><div>Closed End (No feed)</div></div></div> <div><div><div>BW</div><div>Bare Wire (Standard 24")</div></div><div><div>CON6</div><div>Connector 6"</div></div><div><div>CON24</div><div>Connector 24"</div></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>10</div><div>INPUT END CAP</div></div> <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><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><div><div>WH</div><div>White</div></div><div><div>BK</div><div>Black</div></div></div>	<div><div>13</div><div>WIRE TYPE</div></div> <div><div><div>CL2</div><div>Class 2</div></div><div><div>CL2P</div><div>Plenum Rated</div></div><div>CL2P only available with bare wire leads (BW)</div></div>		
<div><div>14</div><div>MOUNTING</div></div> <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><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> <div><div>Minimum length is 12", maximum length is 98" not including end caps. Contact us for lengths under 12".</div></div>	<div><div>17</div><div>EXACT/OPTIMAL</div></div> <div><div><div>O</div><div>Optimal Illumination</div></div><div><div>E</div><div>Exact Specified Length</div></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>		

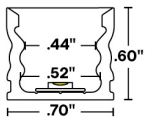
5 year warranty | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance | Compatible for use with QTL power supplies | IK10 rated



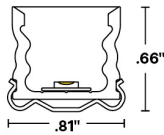
ESSENTIALS TORQ-ENCAPSULATED (03) RGB

24VDC Linear Fixtures - Surface & Recessed

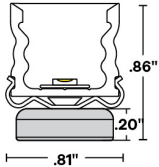
1 PRODUCT - DIMENSIONS



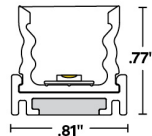
Profile



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 TQ3RGB-6.0-RGB-ENC-STD

	Red		Green		Blue		All
	LM/FT	WAVELENGTH	LM/FT	WAVELENGTH	LM/FT	WAVELENGTH	
CL	54	633	109	523	31	469	174
TL	45	633	91	523	26	469	147

[Calculated L70 = 40000 hrs]
Tested with TQ3RGB-6.0-RGB-ENC-WO

	Red		Green		Blue		All
	LM/FT	WAVELENGTH	LM/FT	WAVELENGTH	LM/FT	WAVELENGTH	
CL	58	633	117	523	33	469	188
TL	51	633	103	523	29	469	165

6 DIODE VISIBILITY



ENC/CL - Clear encapsulation

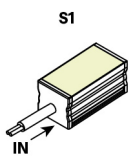
ENC/TL - Translucent encapsulation

TEMPERATURE RATINGS

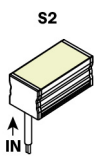
	6.0 W/FT	
	Min	Max
Ambient Operating Temp - Surface	-13°F	95°F

7 WIRE INPUT/OUTPUT

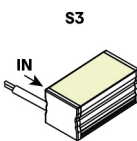
SINGLE (Input only)



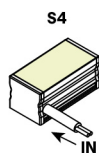
End Feed



Bottom Feed

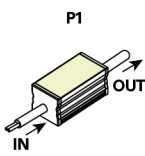


Side Feed - Left

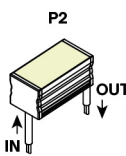


Side Feed - Right

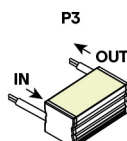
PASS THROUGH (Input/Output)



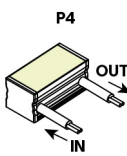
End Feed



Bottom Feed



Side Feed - Left



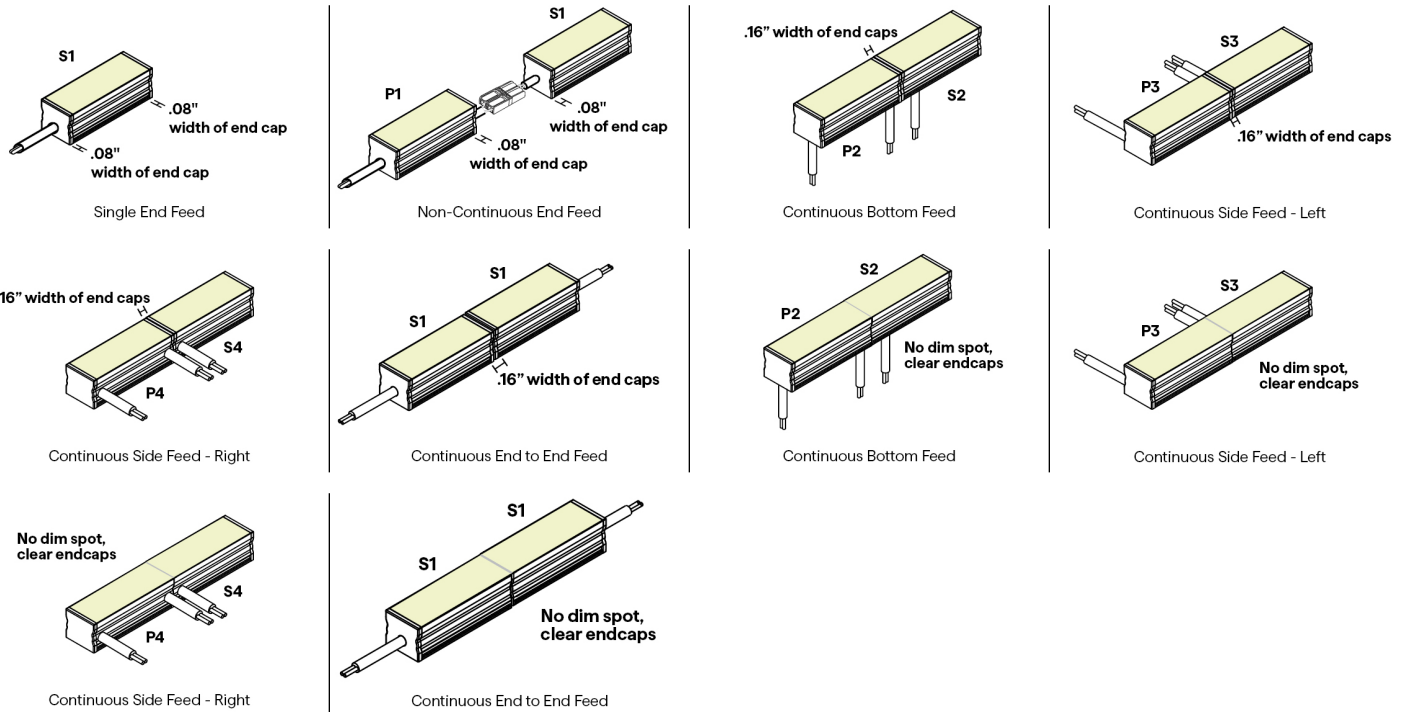
Side Feed - Right



ESSENTIALS TORQ-ENCAPSULATED (03) RGB

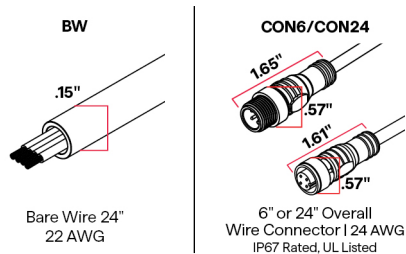
24VDC Linear Fixtures - Surface & Recessed

CONFIGURATION OPTIONS

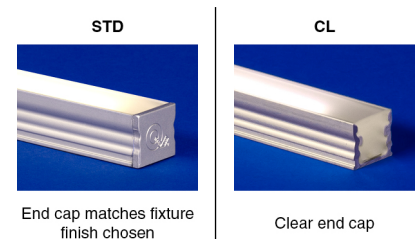


8 / 9 CONNECTOR/WIRE - IN/OUT

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



10 / 11 END CAP - IN/OUT





ESSENTIALS TORQ-ENCAPSULATED (03) RGB

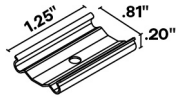
24VDC Linear Fixtures - Surface & Recessed

12 WIRE COLOR



14 MOUNTING

SST



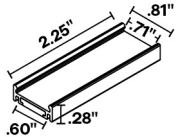
Stainless Steel Clip

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

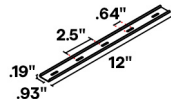


Low Profile Magnet

One M4 provided per foot

To order separately use MG-04

MMA-04



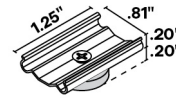
Magnet Mount Accessory for M4

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

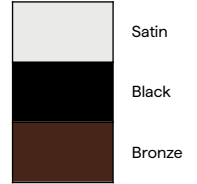


Magnet Clip

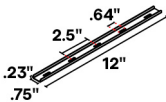
One MG provided per foot

To order separately use MG-01

15 FINISH



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

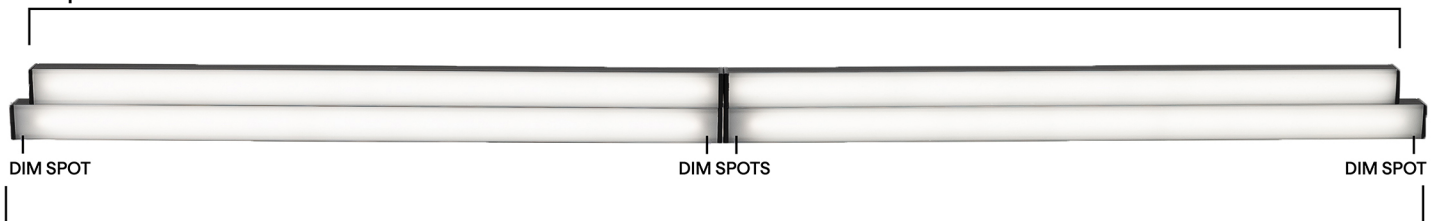
17 EXACT/OPTIMAL FIXTURE LENGTH

[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



ESSENTIALS TORQ-ENCAPSULATED (03) RGB

24VDC Linear Fixtures - Surface & Recessed

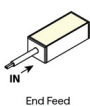
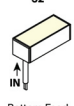
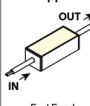
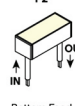
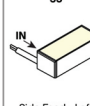
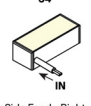
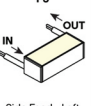
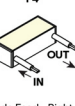
RGB ENC LENGTHS BY INCH

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  S2 	P1 & P2  P2 	S3 & S4  S4 	P3 & P4  P4 
12"	10.51"	10.86"	10.41"	10.51"
13"	12.51"	12.86"	12.41"	12.51"
14"	12.51"	12.86"	12.41"	12.51"
15"	14.51"	14.86"	14.41"	14.51"
16"	14.51"	14.86"	14.41"	14.51"
17"	16.51"	16.86"	16.41"	16.51"
18"	16.51"	16.86"	16.41"	16.51"
19"	18.51"	18.86"	18.41"	18.51"
20"	18.51"	18.86"	18.41"	18.51"
21"	20.51"	20.86"	20.41"	20.51"
22"	20.51"	20.86"	20.41"	20.51"
23"	22.51"	22.86"	22.41"	22.51"
24"	22.51"	22.86"	22.41"	22.51"
36"	34.51"	34.86"	34.41"	34.51"
48"	46.51"	46.86"	46.41"	46.51"
60"	58.51"	58.86"	58.41"	58.51"
72"	70.51"	70.86"	70.41"	70.51"
84"	82.51"	82.86"	82.41"	82.51"
96"	94.51"	94.86"	94.41"	94.51"

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


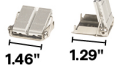








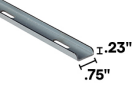
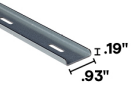
DIMMING PROTOCOL	INDOOR	OUTDOOR
	RGB	RGB
DMX	QTM-eLED+DMX QZ-DMX	Q-SET-QZ-DMX QOM-eLED+DMX QZ-DMX
DALI-2: DT8	QT-CAB-eLED+DALI-DT8 QTM-eLED+DALI-DT8 QZ-DALI-DT8	Q-SET+QZ-DALI-DT8 QOM-eLED+DALI-DT8 QZ-DALI-DT8
SCENE App Dimmed	Non-Dim Power Supply with RGB App Dongle	



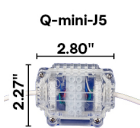
ESSENTIALS TORQ-ENCAPSULATED (03) RGB

24VDC Linear Fixtures - Surface & Recessed

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  4" 1.46" 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	SD-J-LARGE  J Mounting Bracket	NU-LARGE  U Mounting Bracket	BL-LARGE  Backwards L Mounting Bracket
MMA-01  1.23" .75" Magnet Mount Accessory of MG-01	MMA-04  1.19" .93" Magnet Mount Accessory of MG-04								

COMPATIBLE WIRING ACCESSORIES



UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)

COMPATIBLE CONTROL ACCESSORIES

SCENE APP DONGLE  1.36" 2.58" Wi-Fi or Bluetooth Connectivity	IQ-DMX-STICK-GA2  DMX controller for changing color & dimming
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COMPATIBLE APPS

