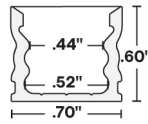
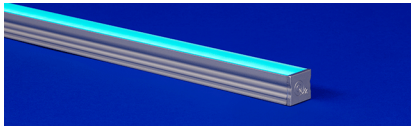




ESSENTIALS TORQ- ENCAPSULATED (03) RGB

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	18
PRODUCT	WATTS/ FT	CCT	RATED	EFFICIENCY	LENS	EXTERNAL LOUVER	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>1</div> <div>PRODUCT</div> <div>TQ3RGB</div> <div>See following pages for compatible power supplies.</div>	<div>2</div> <div>WATTS/FT</div> <div>6.06.0W/ft</div>	<div>3</div> <div>CCT</div> <div>RGB</div>	<div>4</div> <div>RATED</div> <div>ENCIP67</div>	<div>5</div> <div>EFFICIENCY</div> <div>STDWOStandardWhite Optics</div> <div>WhiteOptics - Internal coating, greater lumen output</div>	<div>6</div> <div>LENS</div> <div>CLClearTLTranslucent</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-WHL1-BKWhite PlasticBlack PlasticN/ANo Louver</div> <div>Louvers are shipped separately and require field assembly</div>
<div>8</div> <div>WIRE INPUT/OUTPUT</div> <div>S1Single 1 (Input only) - End FeedS2Single 2 (Input only) - Bottom FeedS3Single 3 (Input only) - Left Side FeedS4Single 4 (Input only) - Right Side Feed</div> <div>For continuous mounting, consider bottom or side feed</div>	<div>9</div> <div>CONNECTOR/WIRE IN</div> <div>BWBWCON6CON24Bare Wire (Standard 24")Connector 6"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>CLSCLS</div> <div>Closed End (No feed)</div>				
<div>P1Pass Through 1 (Input/output) - End FeedP2Pass Through 2 (Input/output) - Bottom FeedP3Pass Through 3 (Input/output) - Left Side FeedP4Pass Through 4 (Input/output) - Right Side Feed</div> <div>For continuous mounting, consider bottom or side feed</div>	<div>BWBWCON6CON24Bare Wire (Standard 24")Connector 6"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>BWBWCON6CON24Bare Wire (Standard 24")Connector 6"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>INPUT END CAP</div> <div>STDCLStandardClear</div> <div>STD - End cap matches fixture finish chosen</div> <div>Select CL for continuous runs</div>	<div>12</div> <div>OUTPUT END CAP</div> <div>STDCLStandardClear</div> <div>STD - End cap matches fixture finish chosen</div> <div>Select CL for continuous runs</div>	<div>13</div> <div>WIRE COLOR</div> <div>WHBKWhiteBlack</div>	<div>14</div> <div>WIRE TYPE</div> <div>CL2CL2PClass 2Plenum Rated</div> <div>CL2P only available with bare wire leads (BW)</div>			
<div>15</div> <div>MOUNTING</div> <div>SSTM4MGSatinBlackLow Profile MagnetMagnet</div>	<div>16</div> <div>FINISH</div> <div>STBKBMZCUCustomSatinBlackBronzeCustom</div>	<div>17</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>18</div> <div>EXACT/OPTIMAL</div> <div>OE</div> <div>Optimal Illumination 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>			

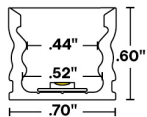
5 year warranty | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance | Compatible for use with QTL power supplies | IK10 rated



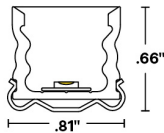
ESSENTIALS TORQ-ENCAPSULATED (03) RGB

24VDC Linear Fixtures - Surface & Recessed

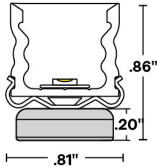
1 PRODUCT - DIMENSIONS



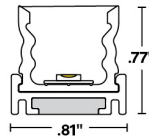
Profile



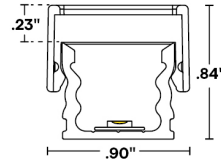
Profile with stainless steel mounting clip



Profile with magnet mounting clip



Profile with low profile magnet



Profile with plastic louver

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	LM/FT
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	LM/FT
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

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

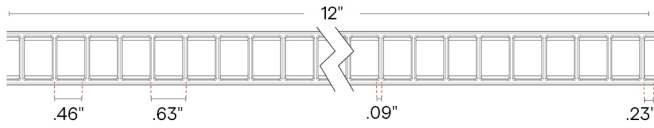


ESSENTIALS TORQ-ENCAPSULATED (03) RGB

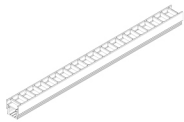
24VDC Linear Fixtures - Surface & Recessed

7 EXTERNAL LOUVER

PLASTIC



L1-XX



Lumen Multiplier

WH

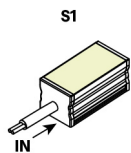
BK

0.72

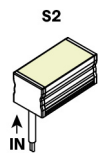
0.53

8 WIRE INPUT/OUTPUT

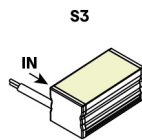
SINGLE (Input only)



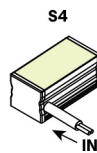
End Feed



Bottom Feed

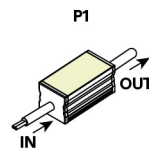


Side Feed - Left

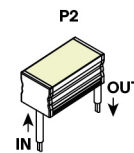


Side Feed - Right

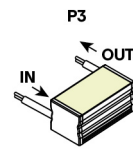
PASS THROUGH (Input/Output)



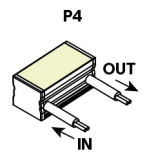
End Feed



Bottom Feed



Side Feed - Left



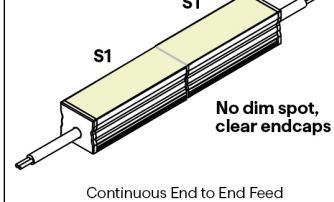
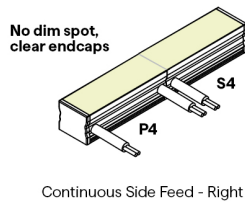
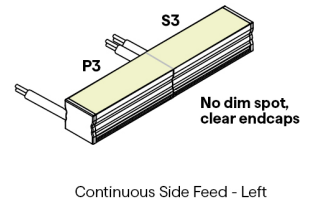
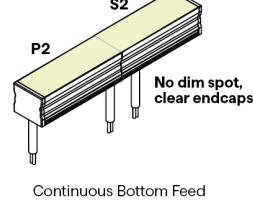
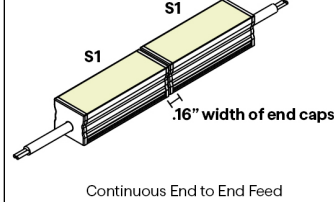
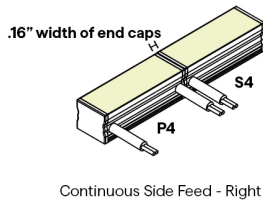
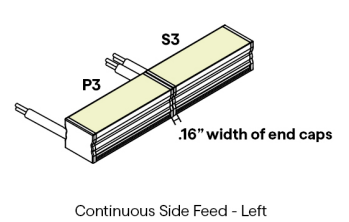
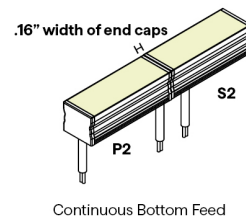
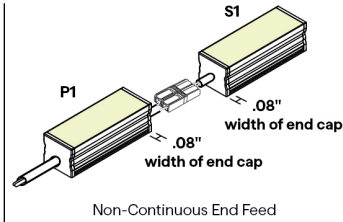
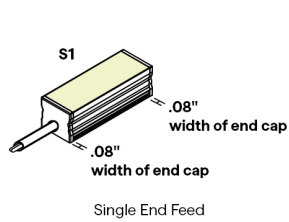
Side Feed - Right



ESSENTIALS TORQ-ENCAPSULATED (03) RGB

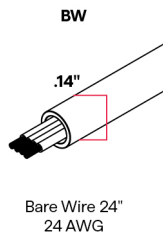
24VDC Linear Fixtures - Surface & Recessed

CONFIGURATION OPTIONS



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 / 12 END CAP - IN/OUT





ESSENTIALS TORQ-ENCAPSULATED (03) RGB

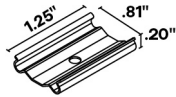
24VDC Linear Fixtures - Surface & Recessed

13 WIRE COLOR



15 MOUNTING

SST



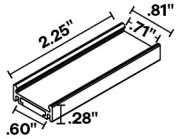
Stainless Steel Clip

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

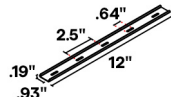


Low Profile Magnet

One M4 provided per foot

To order separately use MG-04

MMA-04



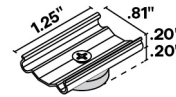
Magnet Mount Accessory for M4

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

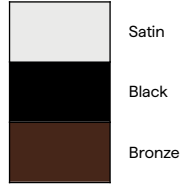


Magnet Clip

One MG provided per foot

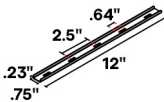
To order separately use MG-01

16 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

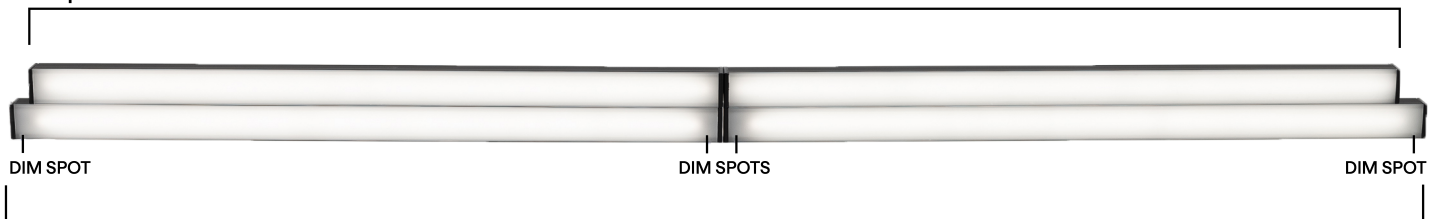
18 EXACT/OPTIMAL FIXTURE LENGTH

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


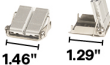










DIMMING PROTOCOL	INDOOR	OUTDOOR
	RGB	RGB
DMX	QTM-eLED+DMX QZ-DMX	Q-SET-QZ-DMX QOM-eLED+DMX QZ-DMX
DALI-2: DT8	QT-CAB-eLED+DALI-DT8 QTM-eLED+DALI-DT8 QZ-DALI-DT8	Q-SET+QZ-DALI-DT8 QOM-eLED+DALI-DT8
SCENE App Dimmed	Non-Dim Power Supply with RGB App Dongle	



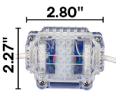



ESSENTIALS TORQ-ENCAPSULATED (03) RGB

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
NL-LARGE  L Mounting Bracket	SD-L-LARGE  L Mounting Bracket								

COMPATIBLE WIRING ACCESSORIES

Q-mini-J5  2.80" 2.27" UL Listed miniature junction box, DRY/DMP (WET rated with silicone)	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" 2.58" Wi-Fi or Bluetooth Connectivity	IQ-DMX-STICK-GA2  DMX controller for changing color & dimming
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COMPATIBLE APPS

NFC APP

Read and write DMX addresses and adjust voltage