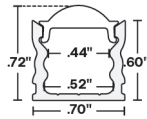
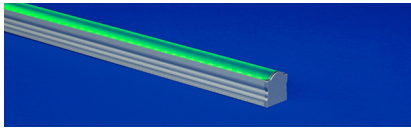




ESSENTIALS TORQ-OPTICS (02)

RGB

24VDC Linear Fixtures - Surface & Recessed



- Surface mount linear fixture for grazing
- Choose from a 12° or 40° beam angle
- Mounting tray available
- 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
- Red, Green, and Blue LED allows for color changing applications
- Features 7 diodes per 2" cut point

INFORMATION REQUIRED FOR LIGHTING SCHEDULE

1	2	3	4	5	6
PRODUCT	WATTS/ FT	CCT	RATED	EFFICIENCY	LENS
TQ2RGB	6.0	RGB			

ADDITIONAL INFORMATION REQUIRED TO ORDER

7	8	9	10	11	12	13	14	15
WIRE INPUT/ OUTPUT	CONNECTOR/ WIRE IN	CONNECTOR/ WIRE OUT	WIRE COLOR	WIRE TYPE	MOUNTING	FINISH	LENGTH (IN)	EXACT/ OPTIMAL

Sample Part Number: **TQ2RGB-6.0-RGB-DRY-WO-12-P1-BW-BW-BK-CL2-SST-BK-48"-E**

<div>1</div> <div>PRODUCT</div> <div>TQ2RGB</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>DRYIP20 DMPIP54</div>	<div>5</div> <div>EFFICIENCY</div> <div>STDStandard WOWhite Optics</div> <div>WhiteOptics - Internal coating, greater lumen output</div>	<div>6</div> <div>LENS</div> <div>12Optical 12° 40Optical 40° DRY or DMP only</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>WIRE INPUT/OUTPUT</div> <div><div>SINGLE (Input only)</div><div>S1End Feed S2Bottom Feed S3Left Side Feed S4Right Side Feed</div><div>For continuous mounting, consider bottom or side feed</div></div> <div><div>PASS THROUGH (Input/output)</div><div>P1End Feed P2Bottom Feed P3Left Side Feed P4Right Side Feed</div><div>For continuous mounting, consider bottom or side feed</div></div>	<div>8</div> <div>CONNECTOR/WIRE IN</div> <div><div>BWBare Wire (Standard 24") CON6Connector 6" CON24Connector 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>BWBare Wire (Standard 24") CON6Connector 6" CON24Connector 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>9</div> <div>CONNECTOR/WIRE OUT</div> <div><div>CLS</div><div>Closed End (No feed)</div></div> <div><div>BWBare Wire (Standard 24") CON6Connector 6" CON24Connector 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>10</div> <div>WIRE COLOR</div> <div><div>WHWhite BKBlack</div></div>		
<div>11</div> <div>WIRE TYPE</div> <div><div>CL2Class 2 CL2PPlenum Rated</div><div>CL2P only available with bare wire leads (BW)</div></div>	<div>12</div> <div>MOUNTING</div> <div><div>SSTStainless Steel M4Low Profile Magnet MGMagnet</div></div>	<div>13</div> <div>FINISH</div> <div><div>STSatin BKBlack BZBronze CUCustom</div><div>Custom finishes require a longer lead time, consult factory</div></div>	<div>14</div> <div>LENGTH (IN)</div> <div>Minimum length is 12", maximum length is 98" not including end caps. Contact us for lengths under 12".</div>	<div>15</div> <div>EXACT/OPTIMAL</div> <div><div>OOptimal Illumination EExact 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>	

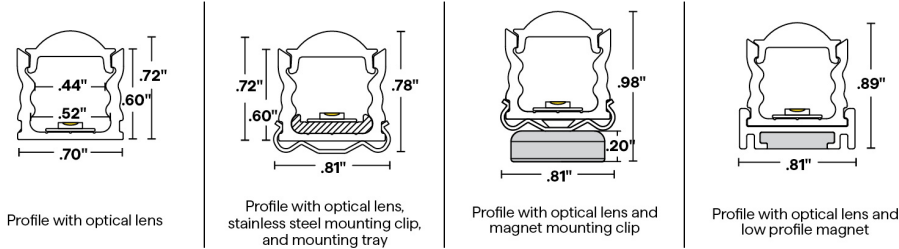
5 year warranty | Warranty only valid with QTL power supplies | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance



ESSENTIALS TORQ-OPTICS (02) RGB

24VDC Linear Fixtures - Surface & Recessed

1 PRODUCT - DIMENSIONS



2 DELIVERED LUMENS

[Calculated L70 = 55000 hrs]
Tested with TQ2RGB-6.0-RGB-DRY-STD

	Red		Green		Blue		All
	LM/FT	WAVELENGTH	LM/FT	WAVELENGTH	LM/FT	WAVELENGTH	
12	72	633	145	523	41	469	234
40	90	633	182	523	51	469	292

[Calculated L70 = 55000 hrs]
Tested with TQ2RGB-6.0-RGB-DRY-WO

	Red		Green		Blue		All
	LM/FT	WAVELENGTH	LM/FT	WAVELENGTH	LM/FT	WAVELENGTH	
12	75	633	152	523	43	469	243
40	94	633	190	523	54	469	305

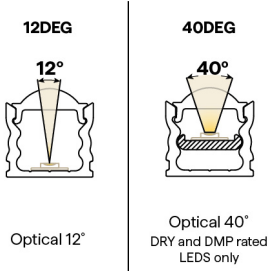
6 DIODE VISIBILITY



Optical lens

PHOTOMETRIC PERFORMANCE

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



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

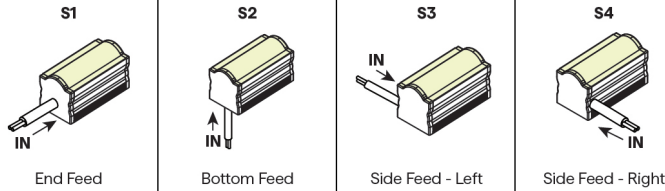


ESSENTIALS TORQ-OPTICS (02) RGB

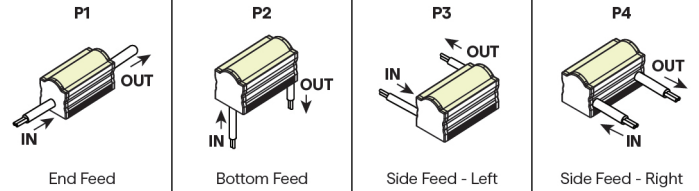
24VDC Linear Fixtures - Surface & Recessed

7 WIRE INPUT/OUTPUT

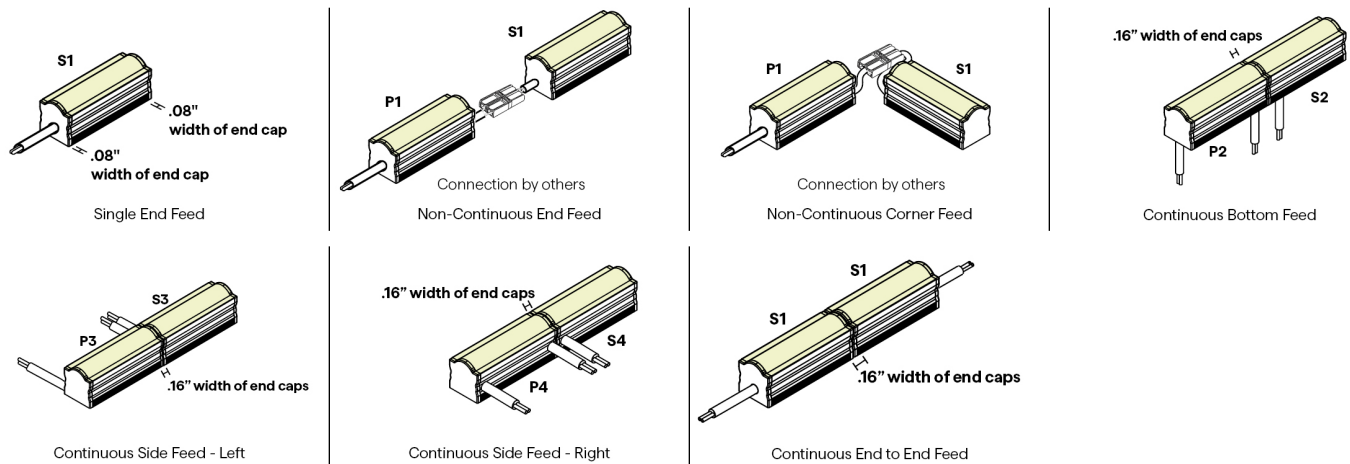
SINGLE (Input only)



PASS THROUGH (Input/Output)

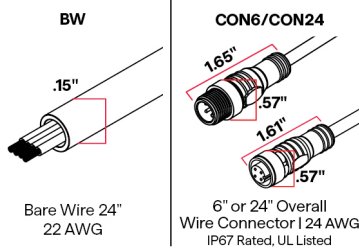


CONFIGURATION OPTIONS

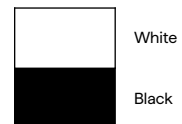


8 / 9 CONNECTOR/WIRE - IN/OUT

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



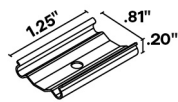


ESSENTIALS TORQ-OPTICS (02) RGB

24VDC Linear Fixtures - Surface & Recessed

12 MOUNTING

SST



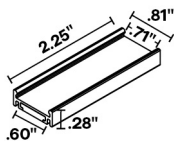
Stainless Steel Clip

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

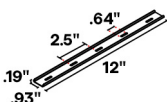


Low Profile Magnet

One M4 provided per foot.

To order separately use MG-04

MMA-04



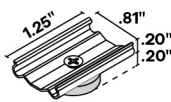
Magnet Mount Accessory for M4

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

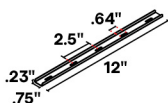


Magnet Clip

One MG provided per foot

To order separately use MG-01

MMA-01



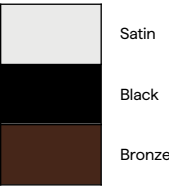
Magnet Mount Accessory of MG-01

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

13 FINISH



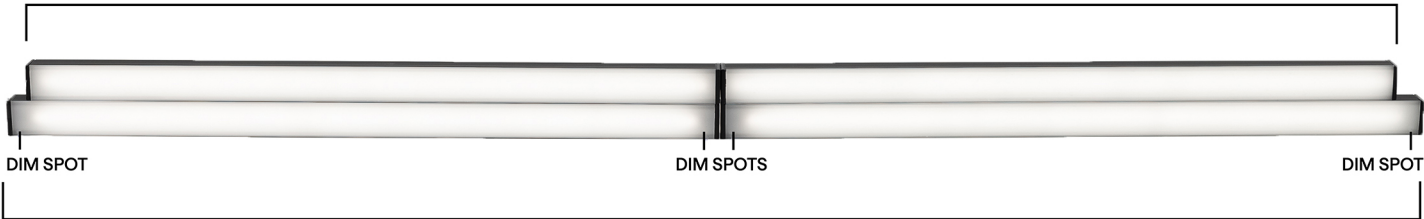
Custom finishes require a longer lead time, consult factory

Custom finishes require a longer lead time, consult factory

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



ESSENTIALS TORQ-OPTICS (02) 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"		10.51"		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
	RGB
0.1%	QT-CAB-eLED+DALI-DT8 QT-CAB-eLED+DMX QTM-eLED+DALI-DT8 QTM-eLED+DMX QZ-DMX
1%	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-OPTICS (02) 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	NU-GRAZER U Mounting Bracket	NJ-GRAZER J Mounting Bracket	BL-GRAZER Backwards L Mounting Bracket	NJ-MEDIUM J Mounting Bracket	MMA-01 I .23" .75" Magnet Mount Accessory of MG-01
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MMA-04

I .19"
.93"
Magnet Mount Accessory of MG-04

COMPATIBLE WIRING ACCESSORIES

Q-mini-J5

2.80"
2.27"
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

COMPATIBLE APPS

NFC APP

Read and write DMX addresses and adjust voltage