



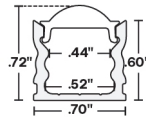
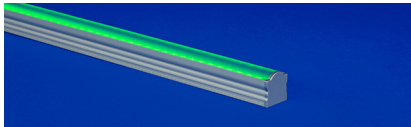
# ESSENTIALS TORQ-OPTICS (02)

## RGB

### 24VDC Linear Fixtures - Surface & Recessed



Declare



- 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
SINGLE (Input only)								

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

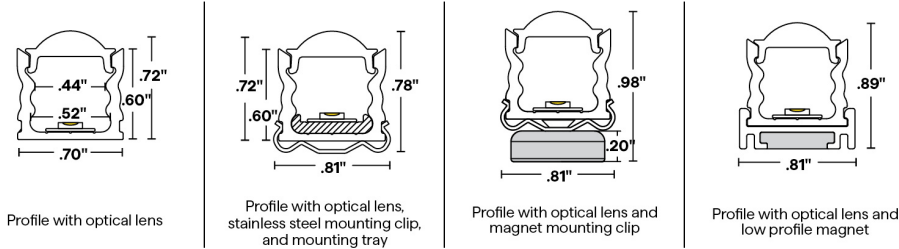
<b>1</b> <b>PRODUCT</b> <b>TQ2RGB</b> See following pages for compatible power supplies.	<b>2</b> <b>WATTS/FT</b> <b>6.0</b> 6.0W/ft	<b>3</b> <b>CCT</b> <b>RGB</b>	<b>4</b> <b>RATED</b> <b>DRY</b> IP20 <b>DMP</b> IP54	<b>5</b> <b>EFFICIENCY</b> <b>STD</b> Standard <b>WO</b> White Optics WhiteOptics - Internal coating, greater lumen output	<b>6</b> <b>LENS</b> <b>12</b> Optical 12° <b>40</b> 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
<b>7</b> <b>WIRE INPUT/OUTPUT</b> <b>SINGLE (Input only)</b> For continuous mounting, consider bottom or side feed	<b>8</b> <b>CONNECTOR/WIRE IN</b> <b>BW</b> Bare Wire (Standard 24") <b>CON6</b> Connector 6" <b>CON24</b> Connector 24" BW: Standard length is 24"; Max length is 120". Request custom length by writing in part number next to BW (example: BW48)		<b>9</b> <b>CONNECTOR/WIRE OUT</b> <b>CLS</b> Closed End (No feed)		<b>10</b> <b>WIRE COLOR</b> <b>WH</b> White <b>BK</b> Black
<b>11</b> <b>WIRE TYPE</b> <b>CL2</b> Class 2 <b>CL2P</b> Plenum Rated CL2P only available with bare wire leads (BW)		<b>12</b> <b>MOUNTING</b> <b>SST</b> Stainless Steel <b>M4</b> Low Profile Magnet <b>MG</b> Magnet		<b>13</b> <b>FINISH</b> <b>ST</b> Satin <b>BK</b> Black <b>BZ</b> Bronze <b>CU</b> Custom Custom finishes require a longer lead time, consult factory	<b>14</b> <b>LENGTH (IN)</b> Minimum length is 12", maximum length is 98" not including end caps. Contact us for lengths under 12".
<b>15</b> <b>EXACT/OPTIMAL</b> <b>O</b> Optimal Illumination <b>E</b> 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.					



# 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

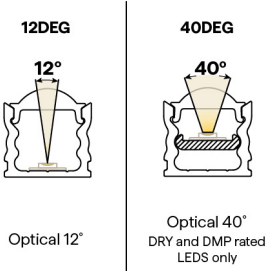
## 6 DIODE VISIBILITY



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

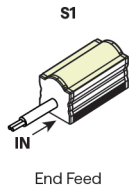


# ESSENTIALS TORQ-OPTICS (02) RGB

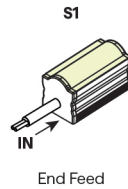
24VDC Linear Fixtures - Surface & Recessed

## 7 WIRE INPUT/OUTPUT

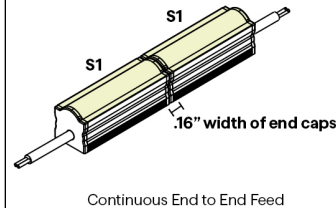
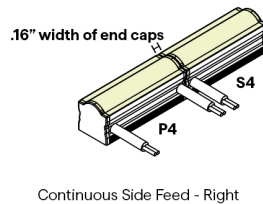
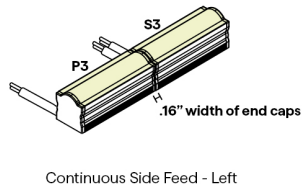
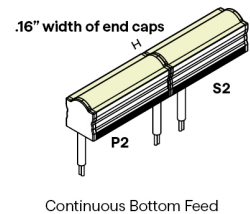
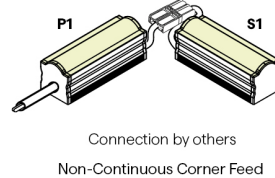
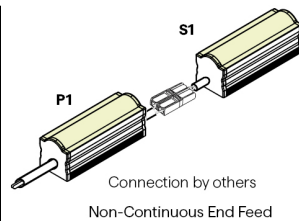
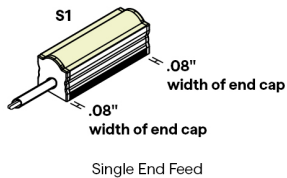
ASYMMETRIC ONLY SINGLE (Input only)



ASYMMETRIC ONLY PASS THROUGH (Input/Output)

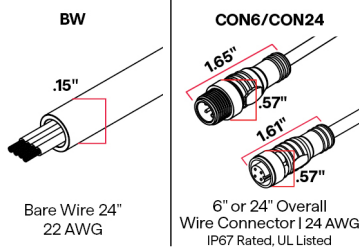


## CONFIGURATION OPTIONS

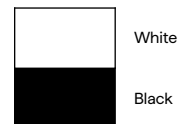


## 8 / 9 CONNECTOR/WIRE - IN/OUT

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



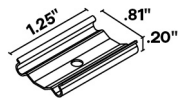


# ESSENTIALS TORQ-OPTICS (02) RGB

24VDC Linear Fixtures - Surface & Recessed

## 12 MOUNTING

SST



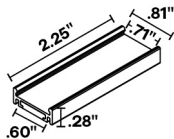
Stainless Steel Clip

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

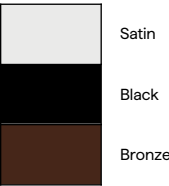


Magnet Clip

One MG provided per foot

To order separately use MG-01

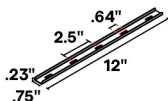
## 13 FINISH



Custom finishes require a longer lead time, consult factory

Custom finishes require a longer lead time, consult factory

MMA-01



Magnet Mount Accessory of MG-01

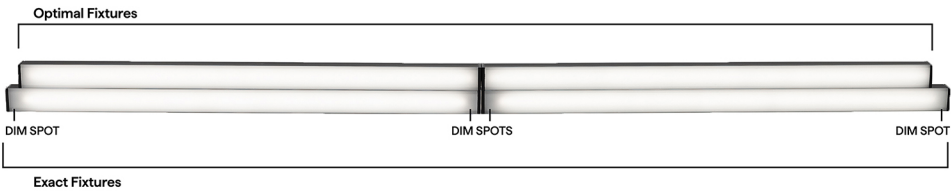
Sold separately, to order use MMA-01

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

Required when mounting to a non-magnetic surface

## 14 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.



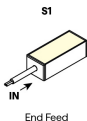


# ESSENTIALS TORQ-OPTICS (02) RGB



24VDC Linear Fixtures - Surface & Recessed

## RGB DRY DMP LENGTHS BY INCH

### EXACT LENGTH

Requested Length	Potential dim spot on either end of a S1 fixture
	S1  End Feed
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

Requested Nominal Length	S4A/B  S4  Side Feed - Right	P4A/B  P4  Side Feed - Right
12"	11.59"	11.49"
13"	12.59"	12.49"
14"	13.59"	13.49"
15"	14.59"	14.49"
16"	15.59"	15.49"
17"	16.59"	16.49"
18"	17.59"	17.49"
19"	18.59"	18.49"
20"	19.59"	19.49"
21"	20.59"	20.49"
22"	21.59"	21.49"
23"	22.59"	22.49"
24"	23.59"	23.49"
36"	35.59"	35.49"
48"	47.59"	47.49"
60"	59.59"	59.49"
72"	71.59"	71.49"
84"	83.59"	83.49"
96"	95.59"	95.49"

## 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



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## 24VDC Linear Fixtures - Surface & Recessed

### COMPATIBLE MOUNTING ACCESSORIES

<b>HINGE - HMB-M</b>  1.41" .71" Adjustable mounting bracket - Medium	<b>HINGE - HMB-L</b>  1.46" 1.29" Adjustable mounting bracket - Large	<b>HINGE - HMB-XL</b>  4" 1.46" Adjustable mounting bracket - XLarge	<b>Q-PIVOT</b>  .75" 1.03" Small mounting accessory	<b>Q-ANGLE</b>  2.23" 1.38" Adjustable mounting accessory	<b>NU-GRAZER</b>  U Mounting Bracket	<b>NJ-GRAZER</b>  J Mounting Bracket	<b>BL-GRAZER</b>  Backwards L Mounting Bracket	<b>NJ-MEDIUM</b>  J Mounting Bracket	<b>MMA-01</b>  1.23" .75" Magnet Mount Accessory of MG-01
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**MMA-04**  
  
1.19"  
.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