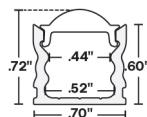




# ESSENTIALS TORQ-OPTICS (02)

## STATIC COLOR

24VDC Linear Fixtures - Surface & Recessed



white  
optics



5 YEAR  
WARRANTY



- 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, Blue or Amber LEDs available
- Q-Tran Red & Amber LED products are Florida Fish and Wildlife Conservation Commission certified, making them safe for turtles and other wildlife
- Can be suitable for exterior use when specified as wet, contact factory for more information

### INFORMATION REQUIRED FOR LIGHTING SCHEDULE

1	2	3	4	5	6
PRODUCT	WATTS/ FT	CCT	RATED	EFFICIENCY	LENS
TQ2SC	5.0				

### 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: TQ2SC-5.0-GR-DRY-WO-12-P1-BW-BW-BK-CL2-SST-BK-48"-E

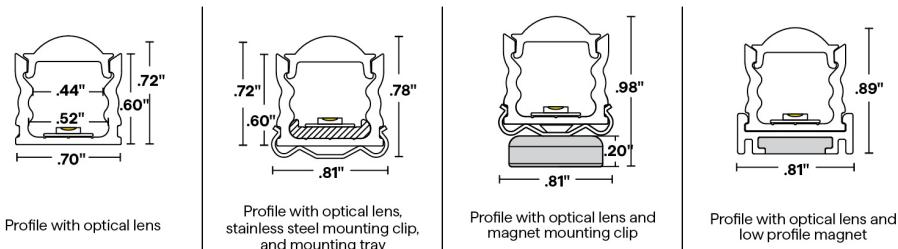
<b>1</b> <b>PRODUCT</b>  TQ2SC  See following pages for compatible power supplies.	<b>2</b> <b>WATTS/FT</b>  5.0 5.0W/ft	<b>3</b> <b>CCT</b>  A Amber B Blue G Green R Red	<b>4</b> <b>RATED</b>  DRY IP20 DMP IP54 WET IP67	<b>5</b> <b>EFFICIENCY</b>  STD Standard White Optics  WhiteOptics - Internal coating, greater lumen output	<b>6</b> <b>LENS</b>  12 Optical 12° 40 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>  SINGLE (Input only)  For continuous mounting, consider bottom or side feed	<b>8</b> <b>CONNECTOR/WIRE IN</b>  BW Bare Wire (Standard 24") BRL Barrel CON6 Connector 6" CON24 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>  CLS Closed End (No feed)	<b>10</b> <b>WIRE COLOR</b>  WH White BK Black N/A For Barrel  wet barrel only available in black		
<b>11</b> <b>WIRE TYPE</b>  CL2 Class 2 CL2P Plenum Rated N/A For Barrel  CL2P only available with bare wire leads (BW)	<b>12</b> <b>MOUNTING</b>  SST Stainless Steel M4 Low Profile Magnet MG Magnet	<b>13</b> <b>FINISH</b>  ST Satin BK Black BZ Bronze CU Custom	<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>  O Optimal Illumination E 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) STATIC COLOR

24VDC Linear Fixtures - Surface & Recessed

## 1 PRODUCT - DIMENSIONS



## 2 DELIVERED LUMENS

[Calculated L70 = 30000 hrs]  
Tested with TQ2SC-5.0-\*\*-DRY-STD

	Red		Green		Blue		Amber	
	LM/FT	WAVELENGTH	LM/FT	WAVELENGTH	LM/FT	WAVELENGTH	LM/FT	WAVELENGTH
12	75	633	405	517	105	466	68	597
40	94	633	508	517	132	466	85	597

[Calculated L70 = 30000 hrs]  
Tested with TQ2SC-5.0-\*\*-DRY-WO

	Red		Green		Blue		Amber	
	LM/FT	WAVELENGTH	LM/FT	WAVELENGTH	LM/FT	WAVELENGTH	LM/FT	WAVELENGTH
12	78	633	422	517	110	466	71	597
40	98	633	529	517	137	466	88	597

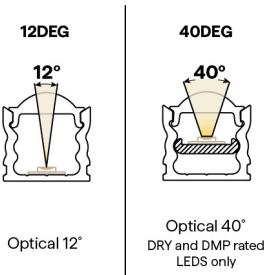
## 6 DIODE VISIBILITY



Optical lens

## PHOTOMETRIC PERFORMANCE

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



## TEMPERATURE RATINGS

		5.0 W/FT	
		Min	Max
DRY	Ambient Operating Temp - Surface	-4°F	125°F
DMP	Ambient Operating Temp - Surface	-4°F	120°F
WET	Ambient Operating Temp - Surface	-4°F	120°F

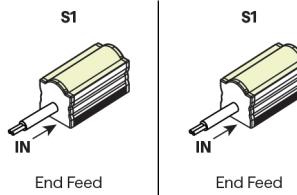


## ESSENTIALS TORQ-OPTICS (02) STATIC COLOR

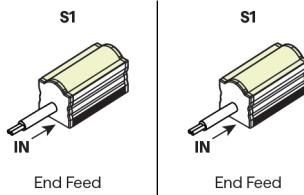
24VDC Linear Fixtures - Surface & Recessed

### 7 WIRE INPUT/OUTPUT

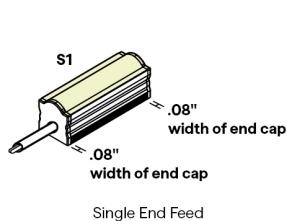
ASYMMETRIC ONLY SINGLE (Input only)



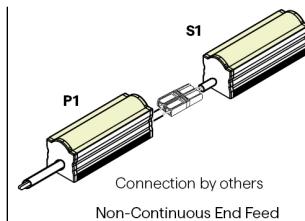
ASYMMETRIC ONLY PASS THROUGH (Input/Output)



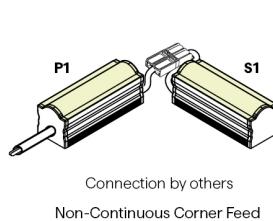
### CONFIGURATION OPTIONS



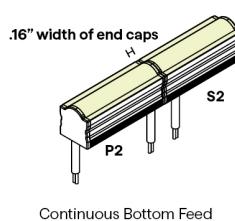
Single End Feed



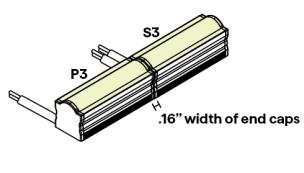
Non-Continuous End Feed



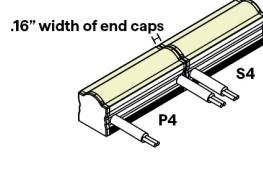
Non-Continuous Corner Feed



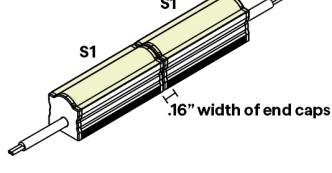
Continuous Bottom Feed



Continuous Side Feed - Left



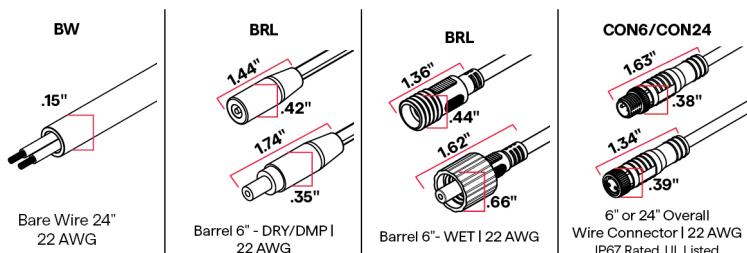
Continuous Side Feed - Right



Continuous End to End Feed

### 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



White

Black



## ESSENTIALS TORQ-OPTICS (02) STATIC COLOR

24VDC Linear Fixtures - Surface & Recessed

### 12 MOUNTING

SST	M4	MMA-04	MG
Satin Steel Clip	Low Profile Magnet	Magnet Mount Accessory for M4	Magnet 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	One M4 provided per foot. To order separately use MG-04	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	One MG provided per foot To order separately use MG-01

### 13 FINISH

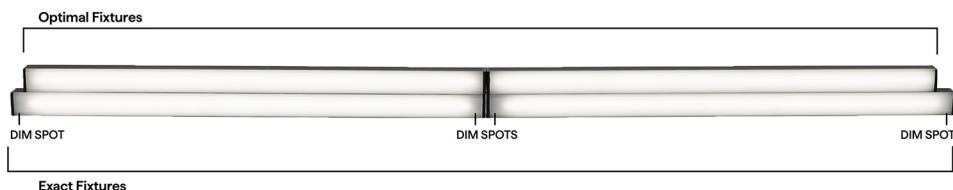


#### MMA-01

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

### 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) STATIC COLOR

24VDC Linear Fixtures - Surface & Recessed

## SC 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	S3A/B & S4A/B		P3A/B & P4A/B	
	S3	S4	P3	P4
12"	10.26"		10.36"	
13"	12.26"		12.36"	
14"	12.26"		12.36"	
15"	14.26"		14.36"	
16"	14.26"		14.36"	
17"	16.26"		16.36"	
18"	16.26"		16.36"	
19"	18.26"		18.36"	
20"	18.26"		18.36"	
21"	20.26"		20.36"	
22"	20.26"		20.36"	
23"	22.26"		22.36"	
24"	22.26"		22.36"	
36"	34.26"		34.36"	
48"	46.26"		46.36"	
60"	58.26"		58.36"	
72"	70.26"		70.36"	
84"	82.26"		82.36"	
96"	94.26"		94.36"	

## SC WET 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	S3A/B & S4A/B		P3A/B & P4A/B	
	S3	S4	P3	P4
12"	10.51"		10.61"	
13"	12.51"		12.61"	
14"	12.51"		12.61"	
15"	14.51"		14.61"	
16"	14.51"		14.61"	
17"	16.51"		16.61"	
18"	16.51"		16.61"	
19"	18.51"		18.61"	
20"	18.51"		18.61"	
21"	20.51"		20.61"	
22"	20.51"		20.61"	
23"	22.51"		22.61"	
24"	22.51"		22.61"	
36"	34.51"		34.61"	
48"	46.51"		46.61"	
60"	58.51"		58.61"	
72"	70.51"		70.61"	
84"	82.51"		82.61"	
96"	94.51"		94.61"	



## ESSENTIALS TORQ-OPTICS (02) STATIC COLOR

24VDC Linear Fixtures - Surface & Recessed

### 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
	SC	SC
Dim to Black	Q6M-DC+CAP QTM-DC+CAP iQ-PH iQ-PH+QD1	QOM-DC+CAP QOM-PH
0.1%	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED+0-10V-AWN QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QT-eLED+0-10V QTM-eLED+0-10V-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN QZ-BOWTIE+DIMMER QZ-DMX QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP	Q-SET-QZ-DMX Q-SET-QZ-PH/0-10V Q-SET-eLED+0-10V QOM-eLED+0-10V QOM-eLED+DALI-DT6 QOM-eLED+PS-DALI-DT6 QZ-DMX QZ-PH/0-10V
1%	QTM-eLED(E) QZ-DALI-DT6	Q-SET+QZ-DALI-DT6 QZ-DALI-DT6
10%	Non-Dim Power Supply with SW App Dongle	



## ESSENTIALS TORQ-OPTICS (02) STATIC COLOR

24VDC Linear Fixtures - Surface & Recessed

DIMMING PROTOCOL	INDOOR	OUTDOOR
	SC	SC
Non-Dim	QT-CAB-eLED-ND QTM-eLED-ND QZ-ND	Q-SET-QZ-ND Q-SET-eLED-ND QOM-eLED-ND QZ-ND
Phase	Q6M-DC+CAP QT-CAB-QZ-PH/0-10V QTM-DC+CAP QTM-eLED(E) QZ-BOWTIE+DIMMER QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP iQ-PH iQ-PH+QD1	Q-SET-QZ-PH/0-10V QOM-DC+CAP QOM-PH QZ-PH/0-10V
0-10V	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED+0-10V-AWN QTM-eLED+0-10V QTM-eLED+0-10V-AWN QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP	Q-SET-QZ-PH/0-10V Q-SET-eLED+0-10V QOM-eLED+0-10V QZ-PH/0-10V
Lutron Athena	QT-CAB-eLED+0-10V-AWN QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+0-10V-AWN QTM-eLED+DALI-DT6-AWN	
ECO System	QTM-eLED(E)	
DMX	QZ-DMX	Q-SET-QZ-DMX QZ-DMX
DALI-2: DT6	QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN QZ-DALI-DT6	Q-SET+QZ-DALI-DT6 QOM-eLED+DALI-DT6 QZ-DALI-DT6
SCENE App Dimmed	Non-Dim Power Supply with SW App Dongle	

## COMPATIBLE MOUNTING ACCESSORIES

<b>HINGE - HMB-M</b> 1.41" .71"	<b>HINGE - HMB-L</b> 1.46" 1.29"	<b>HINGE - HMB-XL</b> 1.46" 4"	<b>Q-PIVOT</b> .75" 1.03"	<b>Q-ANGLE</b> 1.38" 2.23"	<b>NU-GRAZER</b> 	<b>NJ-GRAZER</b> 	<b>BL-GRAZER</b> 	<b>NJ-MEDIUM</b> 	<b>MMA-01</b> .23" .75"
Adjustable mounting bracket - Medium	Adjustable mounting bracket - Large	Adjustable mounting bracket - XLarge	Small mounting accessory	Adjustable mounting accessory	U Mounting Bracket	J Mounting Bracket	Backwards L Mounting Bracket	J Mounting Bracket	Magnet Mount Accessory of MG-01

**MMA-04**



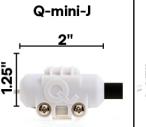
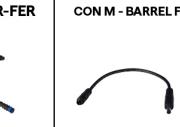
Magnet Mount Accessory of MG-04  
.19" .93"



## ESSENTIALS TORQ-OPTICS (02) STATIC COLOR

24VDC Linear Fixtures - Surface & Recessed

### COMPATIBLE WIRING ACCESSORIES

 <b>Q-mini-J</b> 2" 1.25"	 <b>Q-mini-J5</b> 2.80" 2.27"	 <b>BARREL-EXT</b>	 <b>BARREL FOUR-FER</b>	 <b>CON120-EXT</b>	 <b>CON FOUR-FER</b>	 <b>CON M - BARREL F</b>
UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)	UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)	8ft barrel cable extender DRY ONLY	Splits lead from one to four LED Barrel connector fixtures, DRY/DMP	10ft Con cable extender DRY/DMP/WET	Splits lead from one to four LED Con connectors DRY/DMP/WET	Male con to barrel cable adaptor DRY/DMP

### COMPATIBLE APPS

#### NFC APP



Read and write  
DMX addresses and  
adjust voltage