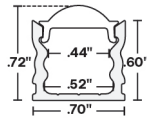
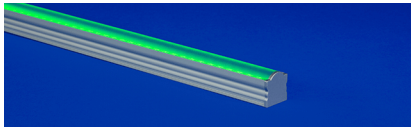




# ESSENTIALS TORQ-OPTICS (02)

## 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
- Optional plastic louver accessory available in white or black for added glare control

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
PRODUCT	WATTS/ FT	CCT	RATED	EFFICIENCY	LENS	WIRE INPUT/ OUTPUT	CONNECTOR/ WIRE IN	CONNECTOR/ WIRE OUT	WIRE COLOR	WIRE TYPE	MOUNTING	FINISH	LENGTH (IN)	EXACT/ OPTIMAL
TQ2RGB	6.0	RGB												

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

1

PRODUCT

TQ2RGB

See following pages for compatible power supplies.

2

WATTS/FT

6.06.0W/ft

3

CCT

RGB

4

RATED

DRYIP20  
DMPIP54

5

EFFICIENCY

STDStandard  
WOWhite Optics

WhiteOptics - Internal coating, greater lumen output

6

LENS

12Optical 12°  
40Optical 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. For optional snap-on louver ordering, see External Louver Accessory section on following pages

7

WIRE INPUT/OUTPUT

S1Single 1 (Input only) - End Feed  
S2Single 2 (Input only) - Bottom Feed  
S3Single 3 (Input only) - Left Side Feed  
S4Single 4 (Input only) - Right Side Feed

P1Pass Through 1 (Input/output) - End Feed  
P2Pass Through 2 (Input/output) - Bottom Feed  
P3Pass Through 3 (Input/output) - Left Side Feed  
P4Pass Through 4 (Input/output) - Right Side Feed

8

CONNECTOR/WIRE IN

BWBare Wire (Standard 24")  
CON6Connector 6"  
CON24Connector 24"

BWBare Wire (Standard 24")  
CON6Connector 6"  
CON24Connector 24"

9

CONNECTOR/WIRE OUT

CLSClosed End (No feed)

BWBare Wire (Standard 24")  
CON6Connector 6"  
CON24Connector 24"

10

WIRE COLOR

WHWhite  
BKBlack

For continuous mounting, consider bottom or side feed

BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)

BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)

11

WIRE TYPE

CL2Class 2  
CL2PPlenum Rated

CL2P only available with bare wire leads (BW)

12

MOUNTING

SSTStainless Steel  
M4Low Profile Magnet  
MGMagnet

13

FINISH

STSatin  
BKBlack  
BZBronze  
CUCustom

Custom finishes require a longer lead time, consult factory

14

LENGTH (IN)

Minimum length is 12", maximum length is 98" not including end caps. Contact us for lengths under 12".

15

EXACT/OPTIMAL

OOptimal Illumination  
EExact 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.

For continuous mounting, consider bottom or side feed

BW: Standard length is 24". Max length is 120". Request custom length by writing in part number next to BW (example: BW48)

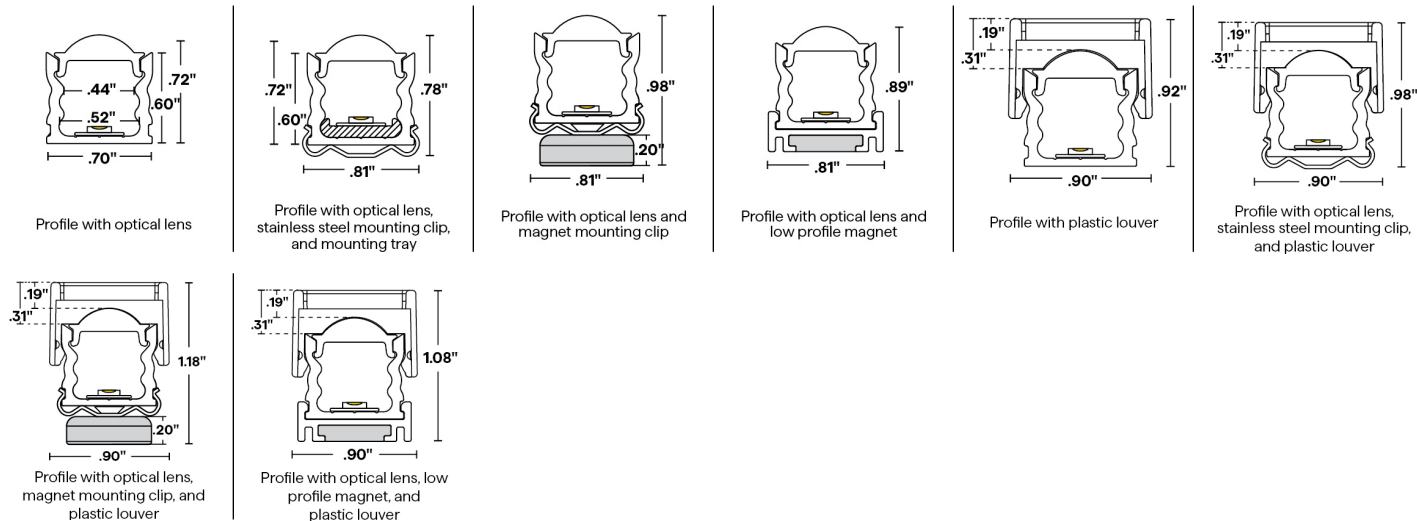
BW: Standard length is 24". Max length is 120". Request custom length by writing in part number next to BW (example: BW48)



# 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

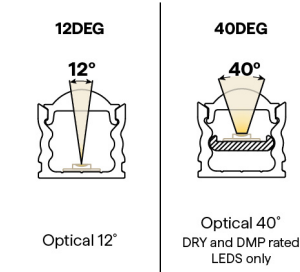
	Red		Green		Blue		All
	LM/FT	WAVELENGTH	LM/FT	WAVELENGTH	LM/FT	WAVELENGTH	
12	75	633	152	523	43	469	243
40	94	633	190	523	54	469	305

## 6 DIODE VISIBILITY



## PHOTOMETRIC PERFORMANCE

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





# ESSENTIALS TORQ-OPTICS (02) RGB

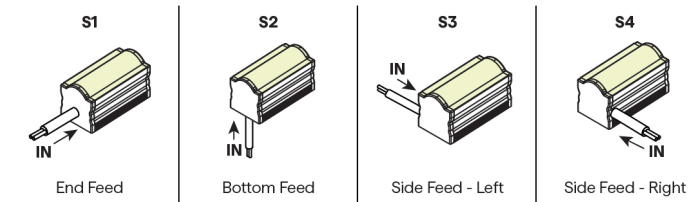
24VDC Linear Fixtures - Surface & Recessed

## TEMPERATURE RATINGS

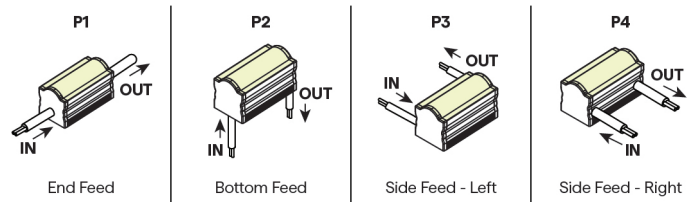
		6.0 W/FT	
		Min	Max
DRY	Ambient Operating Temp - Surface	-13°F	110°F
DMP	Ambient Operating Temp - Surface	-13°F	105°F

## 7 WIRE INPUT/OUTPUT

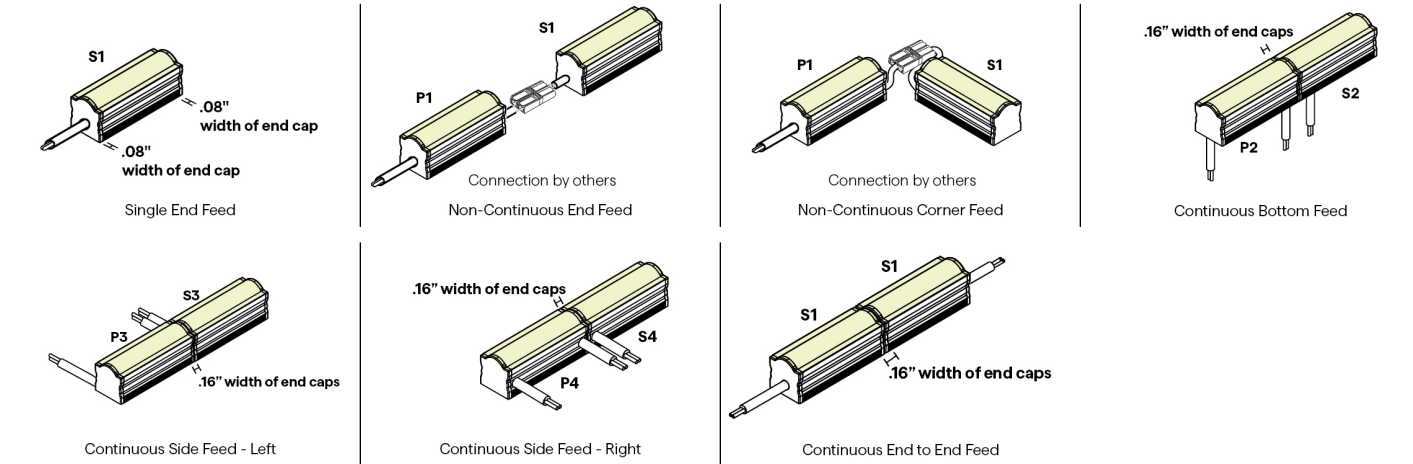
SINGLE (Input only)



PASS THROUGH (Input/Output)

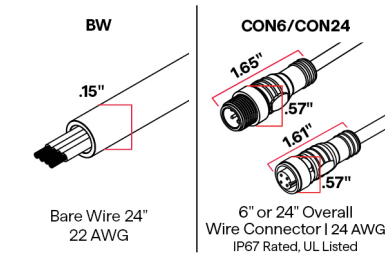


## CONFIGURATION OPTIONS



## 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





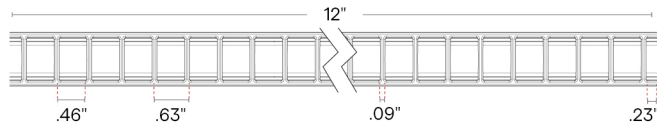
# ESSENTIALS TORQ-OPTICS (02) RGB

24VDC Linear Fixtures - Surface & Recessed

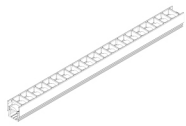
## EXTERNAL LOUVER ACCESSORY

When using 40DEG option with a side feed input/output, routing will be necessary on the plastic louver to ensure unobstructed wire exits.

### PLASTIC

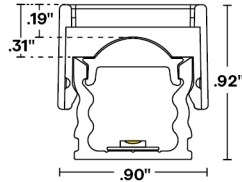


#### L1-XX



Lumen Multiplier  
WH BK

0.74 0.57

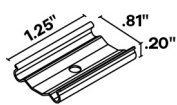


Profile with plastic louver

To order separately use  
TORQ-L1-OPTICS-KIT-WH or  
TORQ-L1-OPTICS-KIT-BK

## 12 MOUNTING

### SST



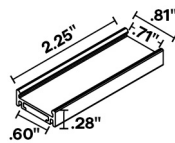
Stainless Steel Clip

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

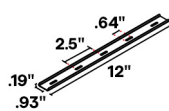


Low Profile Magnet

One M4 provided per foot.

To order separately use  
MG-04

### MMA-04



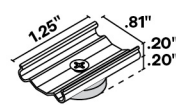
Magnet Mount  
Accessory for M4

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

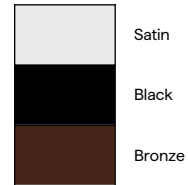


Magnet Clip

One MG provided per foot

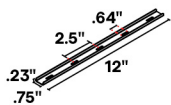
To order separately use MG-01

## 13 FINISH



Custom finishes require a longer lead time, consult factory

### 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



# ESSENTIALS TORQ-OPTICS (02) RGB

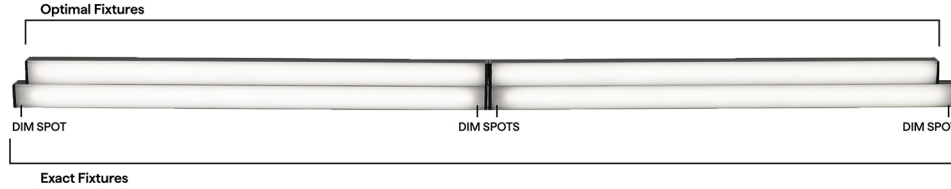
24VDC Linear Fixtures - Surface & Recessed

## 14 EXACT/OPTIMAL FIXTURE LENGTH

[E/O Length Calculator →](#)

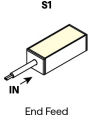
[E/O Explained →](#)

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.

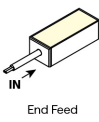
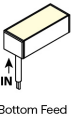
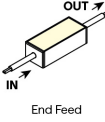
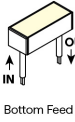
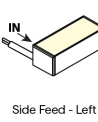
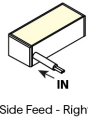
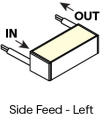
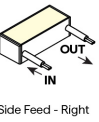


## RGB DRY DMP LENGTHS BY INCH

### EXACT LENGTH

Requested Length	Potential dim spot on either end of a S1 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

Requested Nominal Length	S1 & S2  End Feed	S2  Bottom Feed	P1 & P2  End Feed	P2  Bottom Feed	S3 & S4  Side Feed - Left	S4  Side Feed - Right	P3 & P4  Side Feed - Left	P4  Side Feed - Right
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



# ESSENTIALS TORQ-OPTICS (02) RGB

24VDC Linear Fixtures - Surface & Recessed

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

## 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**

1.23" .75"

Magnet Mount Accessory of MG-01

**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