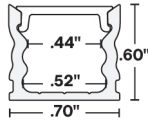
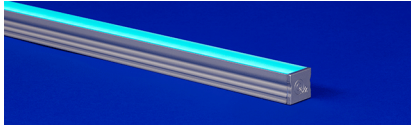




ESSENTIALS TORQ-FLAT (01) RGB

24VDC Linear Fixtures - Surface & Recessed



- Surface mount linear fixture
- Choose from diffused, polar, frosted, clear 60°, or clear 70° lens options for varying diode visibility and beam angles
- Offered with an optional mounting tray
- Features all wire feed options
- 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
TQ1RGB	6.0	RGB												

Sample Part Number: **TQ1RGB-6.0-RGB-DRY-WO-DF-P1-BW-BW-BK-CL2-SST-BK-48"-E**

1

PRODUCT

TQ1RGB

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

DFDiffused
PRPolar
FRFrosted
CL/60Clear 60°
CL/70Clear 70°

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)

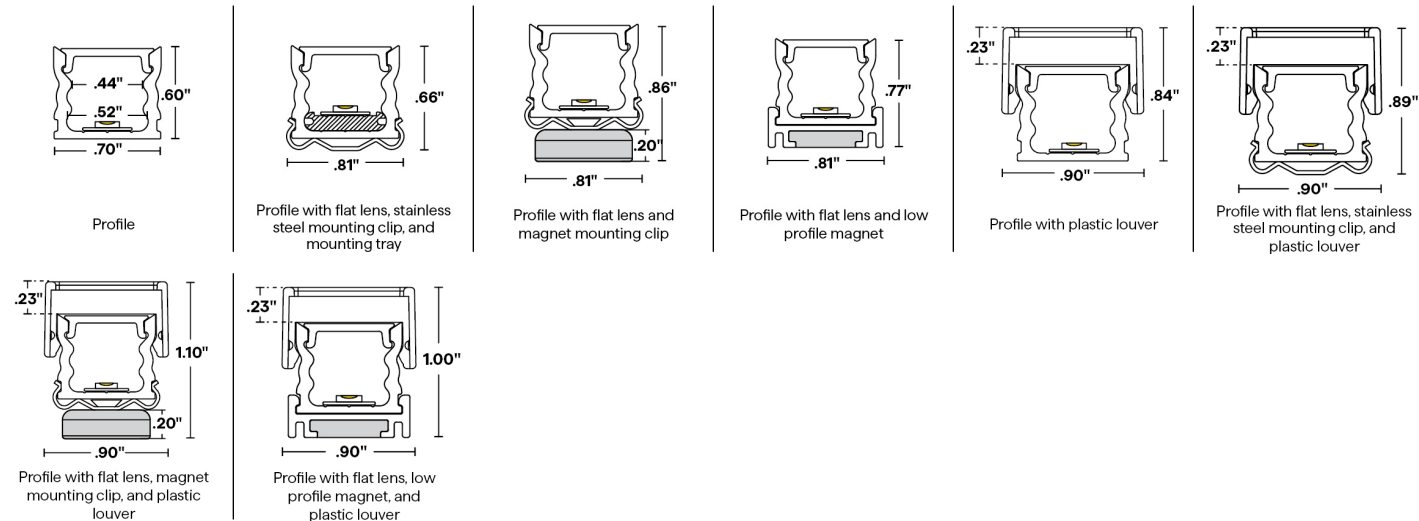
BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)



ESSENTIALS TORQ-FLAT (01) RGB

24VDC Linear Fixtures - Surface & Recessed

1 PRODUCT - DIMENSIONS



2 DELIVERED LUMENS

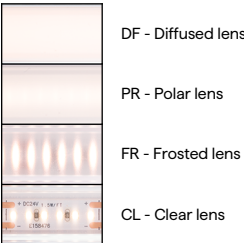
[Calculated L70 = 55000 hrs]
Tested with TQ1RGB-6.0-RGB-DRY-STD

	Red		Green		Blue		All
	LM/FT	WAVELENGTH	LM/FT	WAVELENGTH	LM/FT	WAVELENGTH	LM/FT
60	70	633	142	523	40	469	228
70	71	633	144	523	41	469	231
FR	69	633	139	523	39	469	224
PR	62	633	125	523	35	469	201
DF	56	633	113	523	32	469	182

[Calculated L70 = 55000 hrs]
Tested with TQ1RGB-6.0-RGB-DRY-WO

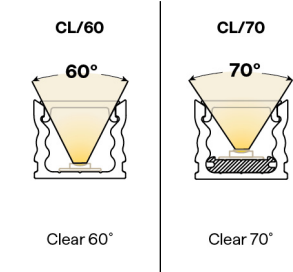
	Red		Green		Blue		All
	LM/FT	WAVELENGTH	LM/FT	WAVELENGTH	LM/FT	WAVELENGTH	LM/FT
60	77	633	156	523	44	469	251
70	81	633	163	523	46	469	261
FR	76	633	153	523	43	469	246
PR	68	633	138	523	39	469	222
DF	61	633	123	523	35	469	197

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-FLAT (01) RGB

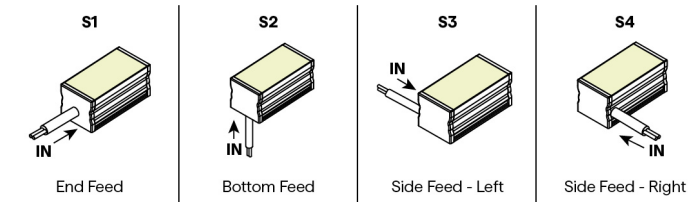
24VDC Linear Fixtures - Surface & Recessed

TEMPERATURE RATINGS

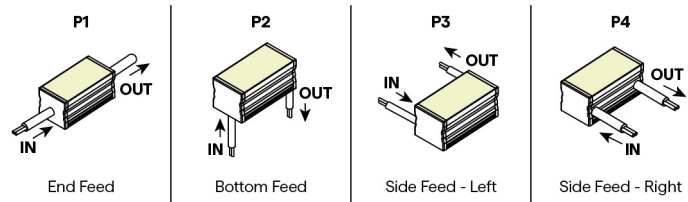
		6.0 W/FT	
		Min	Max
DRY	Ambient Operating Temp - Surface	-13°F	110°F
DMP	Ambient Operating Temp - Surface	-13°F	105°F

7 WIRE INPUT/OUTPUT

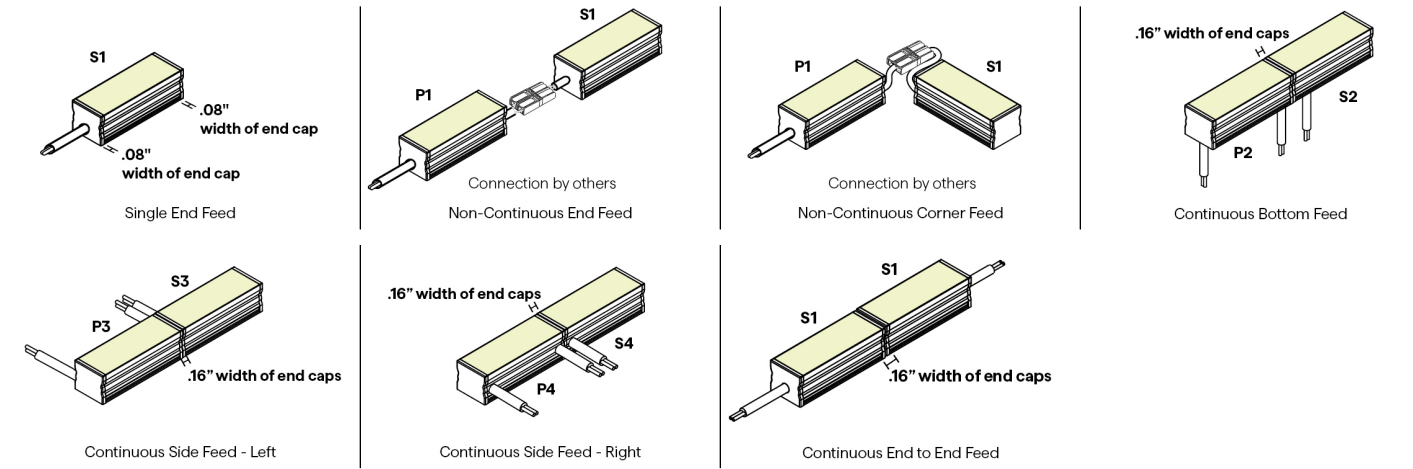
SINGLE (Input only)



PASS THROUGH (Input/Output)

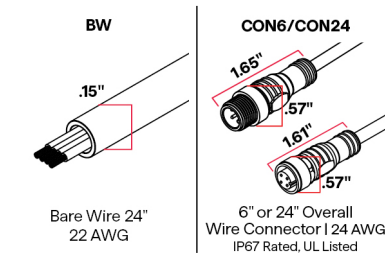


CONFIGURATION OPTIONS



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



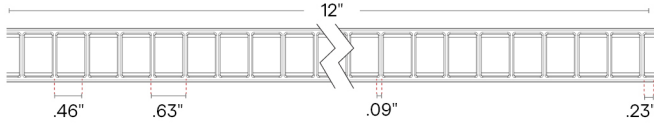


ESSENTIALS TORQ-FLAT (01) RGB

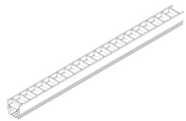
24VDC Linear Fixtures - Surface & Recessed

EXTERNAL LOUVER ACCESSORY

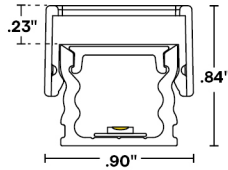
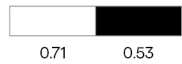
PLASTIC



L1-XX



Lumen Multiplier
WH BK

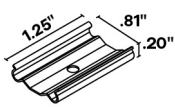


Profile with plastic louver

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

12 MOUNTING

SST



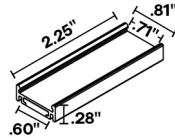
Stainless Steel Clip

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

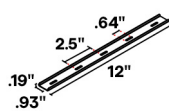


Low Profile Magnet

One M4 provided per foot.

To order separately use
MG-04

MMA-04



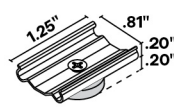
Magnet Mount
Accessory for M4

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

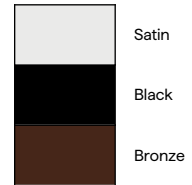


Magnet Clip

One MG provided per foot

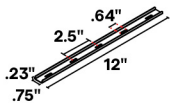
To order separately use MG-01

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-FLAT (01) RGB

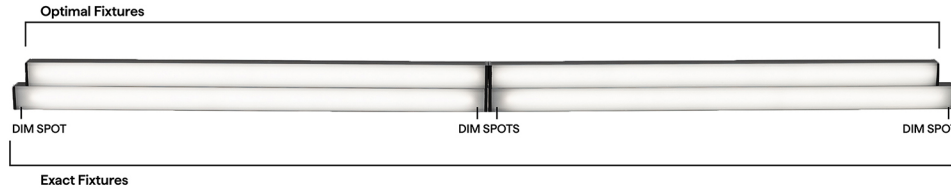
24VDC Linear Fixtures - Surface & Recessed

14 EXACT/OPTIMAL FIXTURE LENGTH

[E/O Length Calculator →](#)

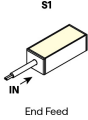
[E/O Explained →](#)

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.

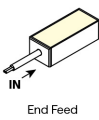
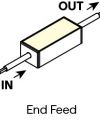
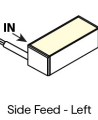
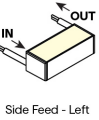


RGB DRY DMP LENGTHS BY INCH

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 	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



ESSENTIALS TORQ-FLAT (01) 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

1.46" 4"

Adjustable mounting bracket - XLarge

Q-PIVOT

.75" 1.03"

Small mounting accessory

Q-ANGLE

2.23" 1.38"

Adjustable mounting accessory

VHB

Double sided mounting tape

NJ-MEDIUM

J Mounting Bracket

NJ-LARGE

J Mounting Bracket

NU-LARGE

U Mounting Bracket

SD-J-LARGE

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

IQ-DMX-STICK-GA2

DMX controller for changing color & dimming

IQ-DMX-STICK-DES

DMX controller for changing color & dimming