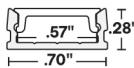
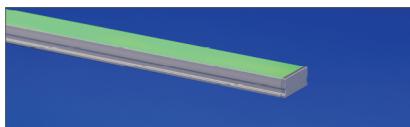




ESSENTIALS THIN-FLAT (01) RGB

24VDC Linear Fixtures - Surface & Recessed



- Thin, low-profile surface mount linear fixture
- Choose from diffused, polar, frosted, or clear lens options for varying diode visibility and beam angles
- Mounting options include stainless steel clips, magnets, and low-profile magnet mounts
- Can be suitable for exterior use when specified as wet, contact factory for more information
- Red, Green, and Blue LED allows for color changing applications
- Features 7 diodes per 2" cut point

1 PRODUCT	2 WATTS/FT	3 CCT	4 RATED	5 EFFICIENCY	6 LENS	7 WIRE INPUT/OUTPUT	8 CONNECTOR/WIRE IN	9 CONNECTOR/WIRE OUT	10 WIRE COLOR	11 WIRE TYPE	12 MOUNTING	13 FINISH	14 LENGTH (IN)	15 EXACT/OPTIMAL
TH1RGB	6.0	RGB		STD						CL2				

Sample Part Number: TH1RGB-6.0-RGB-DRY-STD-DF-P1-BW-BW-BK-CL2-SST-BK-48"-E

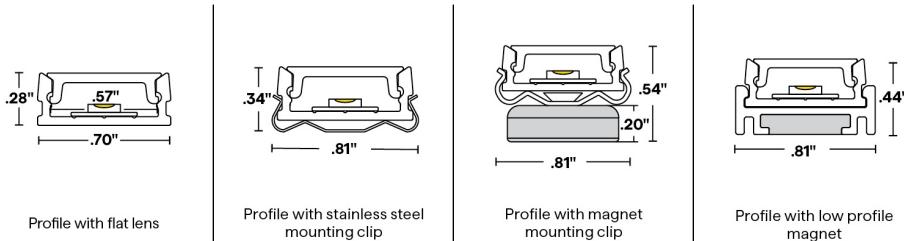
1 PRODUCT TH1RGB See following pages for compatible power supplies.	2 WATTS/FT 6.0 6.0W/ft	3 CCT RGB	4 RATED DRY IP20 DMP IP54 WET IP67 Can be suitable for exterior use, contact factory for more information WET rated strips are only compatible without a lens	5 EFFICIENCY STD Standard	6 LENS DF Diffused PR Polar FR Frosted CL Clear N/A For wet rated LED Strips For representation of LED visibility, see Diode Visibility section on following pages. For beam angles, see Photometric Performance section on following pages. WET rated strips are only compatible without a lens.
7 WIRE INPUT/OUTPUT S1 Single 1 (Input only) - End Feed S2 Single 2 (Input only) - Bottom Feed P1 Pass Through 1 (Input/output) - End Feed P2 Pass Through 2 (Input/output) - Bottom Feed	8 CONNECTOR/WIRE IN BW Bare Wire (Standard 24") CON6 Connector 6" CON24 Connector 24" BW Bare Wire (Standard 24") CON6 Connector 6" CON24 Connector 24"	9 CONNECTOR/WIRE OUT CLS Closed End (No feed) BW Bare Wire (Standard 24") CON6 Connector 6" CON24 Connector 24"	10 WIRE COLOR WH White BK Black		
For continuous mounting, consider bottom 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 CL2 Class 2	12 MOUNTING SST Stainless Steel M4 Low Profile Magnet MG Magnet	13 FINISH ST Satin BK Black CU Custom 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 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 THIN-FLAT (01) RGB

24VDC Linear Fixtures - Surface & Recessed

1 PRODUCT - DIMENSIONS

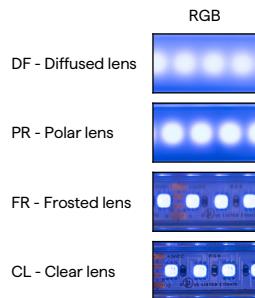


2 DELIVERED LUMENS

[Calculated L70 = 55000 hrs]
Tested with TH1RGB-6.0-RGB-DRY-STD

	Red		Green		Blue		All
	LM/FT	WAVELENGTH	LM/FT	WAVELENGTH	LM/FT	WAVELENGTH	
CL	76	633	183	523	49	469	294
FR	75	633	179	523	48	469	287
PR	70	633	170	523	45	469	273
DF	64	633	155	523	42	469	249

6 DIODE VISIBILITY



TEMPERATURE RATINGS

		6.0 W/FT	
		Min	Max
DRY	Ambient Operating Temp - Surface	-13°F	100°F
DMP	Ambient Operating Temp - Surface	-13°F	95°F
WET	Ambient Operating Temp - Surface	-13°F	95°F

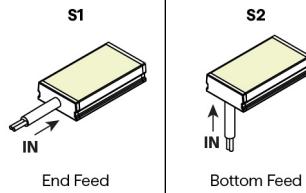


ESSENTIALS THIN-FLAT (01) RGB

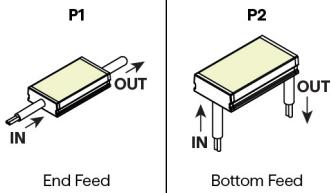
24VDC Linear Fixtures - Surface & Recessed

7 WIRE INPUT/OUTPUT

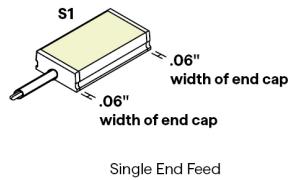
SINGLE (Input only)



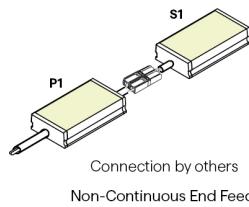
PASS THROUGH (Input/Output)



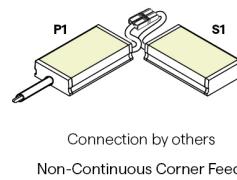
CONFIGURATION OPTIONS



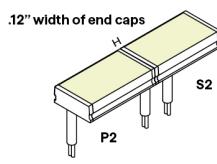
Single End Feed



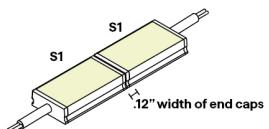
Non-Continuous End Feed



Non-Continuous Corner Feed



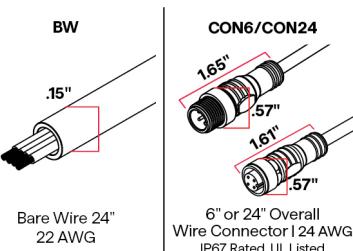
Continuous Bottom Feed



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





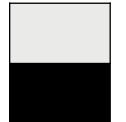
ESSENTIALS THIN-FLAT (01) RGB

24VDC Linear Fixtures - Surface & Recessed

12 MOUNTING

SST	M4	MMA-04	MG
Satin Stainless 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



Satin

Black

Custom finishes require a longer lead time, consult factory

MMA-01

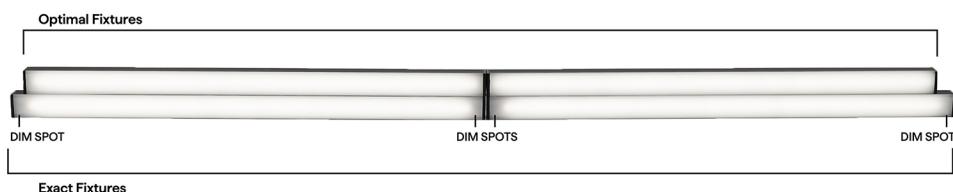
Magnet Mount Accessory of MG-01
Sold separately, to order use MMA-01
Each bracket comes with 2 #6 x 5/8" Flat Head SS
Required when mounting to a non-magnetic surface

14 EXACT/OPTIMAL FIXTURE LENGTH

[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.





ESSENTIALS THIN-FLAT (01) 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
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	
	S1	S2	P1	P2
12"	10.51"		10.86"	
13"	12.51"		12.86"	
14"	12.51"		12.86"	
15"	14.51"		14.86"	
16"	14.51"		14.86"	
17"	16.51"		16.86"	
18"	16.51"		16.86"	
19"	18.51"		18.86"	
20"	18.51"		18.86"	
21"	20.51"		20.86"	
22"	20.51"		20.86"	
23"	22.51"		22.86"	
24"	22.51"		22.86"	
36"	34.51"		34.86"	
48"	46.51"		46.86"	
60"	58.51"		58.86"	
72"	70.51"		70.86"	
84"	82.51"		82.86"	
96"	94.51"		94.86"	

RGB WET 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	
	S1	S2	P1	P2
12"	10.66"		11.06"	
13"	12.66"		11.06"	
14"	12.66"		13.06"	
15"	14.66"		13.06"	
16"	14.66"		15.06"	
17"	16.66"		15.06"	
18"	16.66"		17.06"	
19"	18.66"		17.06"	
20"	18.66"		19.06"	
21"	20.66"		19.06"	
22"	20.66"		21.06"	
23"	22.66"		21.06"	
24"	22.66"		23.06"	
36"	34.66"		35.06"	
48"	46.66"		47.06"	
60"	58.66"		59.06"	
72"	70.66"		71.06"	
84"	82.66"		83.06"	
96"	94.66"		95.06"	



ESSENTIALS THIN-FLAT (01) RGB

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
	RGB	RGB
0.1%	QT-CAB-eLED+DALI-DT8 QT-CAB-eLED+DMX QTM-eLED+DALI-DT8 QTM-eLED+DMX QZ-DMX	Q-SET-QZ-DMX QOM-eLED+DALI-DT8 QOM-eLED+DMX QOM-eLED+PS-DALI-DT8 QZ-DMX
1%	QZ-DALI-DT8	Q-SET+QZ-DALI-DT8 QZ-DALI-DT8
10%	Non-Dim Power Supply with RGB App Dongle	

DIMMING PROTOCOL	INDOOR	OUTDOOR
	RGB	RGB
DMX	QTM-eLED+DMX QZ-DMX	Q-SET-QZ-DMX QOM-eLED+DMX QZ-DMX
DALI-2: DT8	QT-CAB-eLED+DALI-DT8 QTM-eLED+DALI-DT8 QZ-DALI-DT8	Q-SET+QZ-DALI-DT8 QOM-eLED+DALI-DT8 QZ-DALI-DT8

COMPATIBLE MOUNTING ACCESSORIES

HINGE - HMB-S 1.41" .51"	HINGE - HMB-M 1.41" .71"	HINGE - HMB-L 1.46" 1.29"	HINGE - HMB-XL 1.46" 4"	Q-PIVOT .75" 1.03"	Q-ANGLE 1.38" 2.23"	QUOVA-STANDARD 	NJ-MEDIUM 	SD-L-MEDIUM 	MMA-01 .23" .75"
Adjustable mounting bracket - Small	Adjustable mounting bracket - Medium	Adjustable mounting bracket - Large	Adjustable mounting bracket - XLarge	Small mounting accessory	Adjustable mounting accessory	QUOVA Knife Edge	J Mounting Bracket	L Mounting Bracket	Magnet Mount Accessory of MG-01

MMA-04



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

COMPATIBLE WIRING ACCESSORIES



UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)
2.80" 2.27"



ESSENTIALS THIN-FLAT (01) RGB

24VDC Linear Fixtures - Surface & Recessed

COMPATIBLE CONTROL ACCESSORIES

SCENE APP DONGLE



Wi-Fi or Bluetooth
Connectivity

COMPATIBLE APPS

NFC APP



Read and write
DMX addresses and
adjust voltage