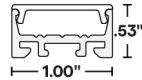
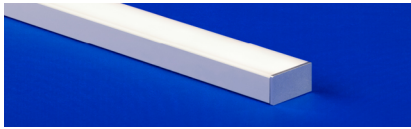




# OPTI-FLAT (01) STATIC COLOR

## 24VDC Linear Fixtures - Surface & Recessed



- Choose from diffused, polar or frosted lens options for varying diode visibility and beam cutoff
- Delivers smooth and consistent light to highlight architectural features and surfaces
- Ideal for surface-mounted installations
- Integrated metal end caps combined with an extruded aluminum housing give this fixture a polished modern look
- Q-Tran Red & Amber LED products are Florida Fish and Wildlife Conservation Commission certified, making them safe for turtles and other wildlife

1	2	3	4	5	6	7	8	9	10	11	12	13	14
PRODUCT	WATTS/ FT	CCT	RATED	LENS	WIRE INPUT/ OUTPUT	CONNECTOR/ WIRE IN	CONNECTOR/ WIRE OUT	WIRE COLOR	WIRE TYPE	MOUNTING	FINISH	LENGTH (IN)	EXACT/ OPTIMAL
OP1SC	5.0												

Sample Part Number: **OP1SC-5.0-GR-DRY-DF-P1-CON6-CON6-WH-CL2-CC-WH-48"-E**

<b>1 PRODUCT</b> <b>OP1SC</b> See following pages for compatible power supplies.	<b>2 WATTS/FT</b> <b>5.0</b> 5.0W/ft	<b>3 CCT</b> <b>AB</b> Amber <b>BL</b> Blue <b>GR</b> Green <b>RD</b> Red	<b>4 RATED</b> <b>DRY</b> IP20 <b>DMP</b> IP54 <b>WET</b> IP67 Can be suitable for exterior use. Contact factory for more information
<b>5 LENS</b> <b>DF</b> Diffused <b>PR</b> Polar <b>FR</b> Frosted	<b>6 WIRE INPUT/OUTPUT</b> <b>S1</b> Single 1 (Input only) - End Feed <b>S2</b> Single 2 (Input only) - Bottom Feed <b>P1</b> Pass Through 1 (Input/output) - End Feed <b>P2</b> Pass Through 2 (Input/output) - Bottom Feed	<b>7 CONNECTOR/WIRE IN</b> <b>BW</b> Bare Wire (Standard 36") <b>CON6</b> Connector 6" <b>CON24</b> Connector 24" <b>BW</b> Bare Wire (Standard 36") <b>CON6</b> Connector 6" <b>CON24</b> Connector 24"	<b>8 CONNECTOR/WIRE OUT</b> <b>CLS</b> Closed End (No feed) <b>BW</b> Bare Wire (Standard 36") <b>CON6</b> Connector 6" <b>CON24</b> Connector 24"
<b>9 WIRE COLOR</b> <b>WH</b> White <b>BK</b> Black	<b>10 WIRE TYPE</b> <b>CL2</b> Class 2 <b>CL2P</b> Plenum Rated CL2P only available with bare wire leads (BW)	<b>11 MOUNTING</b> <b>CC</b> Concealed Clip <b>MG</b> Magnet	<b>12 FINISH</b> <b>ST</b> Satin <b>BK</b> Black <b>WH</b> White <b>CU</b> Custom Custom finishes have longer lead times. Non-RAL 9003 whites custom.
		<b>13 LENGTH (IN)</b> Minimum length is 12", maximum length is 98.43" not including end caps. Contact us for lengths under 12".	<b>14 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.

For continuous mounting, consider bottom feed.

BW: Standard length is 36". Max length is 120". Request custom length by writing in part number next to BW (example: BW48)

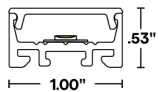
BW: Standard length is 36". Max length is 120". Request custom length by writing in part number next to BW (example: BW48)



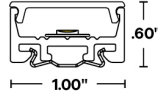
# OPTI-FLAT (01) STATIC COLOR

24VDC Linear Fixtures - Surface & Recessed

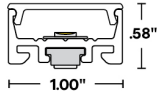
## 1 PRODUCT - DIMENSIONS



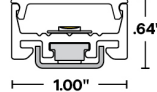
Profile



Profile with  
concealed clip



Profile with magnet clip



Profile with magnet mount  
clip and magnet mount  
accessory

## 2 DELIVERED LUMENS

[Calculated L70 = 50000 hrs]  
Tested with OP1SC-5.0-\*\*-DRY-STD

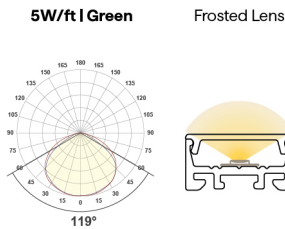
	Red		Green		Blue		Amber	
	LM/FT	Wavelength	LM/FT	Wavelength	LM/FT	Wavelength	LM/FT	Wavelength
FR	114	632	386	516	98	466	81	595
PR	107	632	367	517	93	466	75	595
DF	95	632	326	517	83	466	65	595

## TEMPERATURE RATINGS

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

## PHOTOMETRIC PERFORMANCE

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



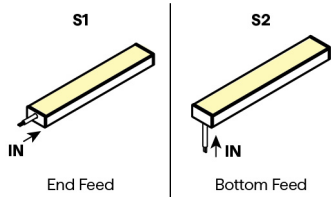


# OPTI-FLAT (01) STATIC COLOR

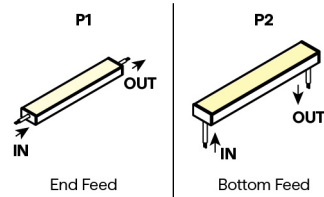
24VDC Linear Fixtures - Surface & Recessed

## 6 WIRE INPUT/OUTPUT

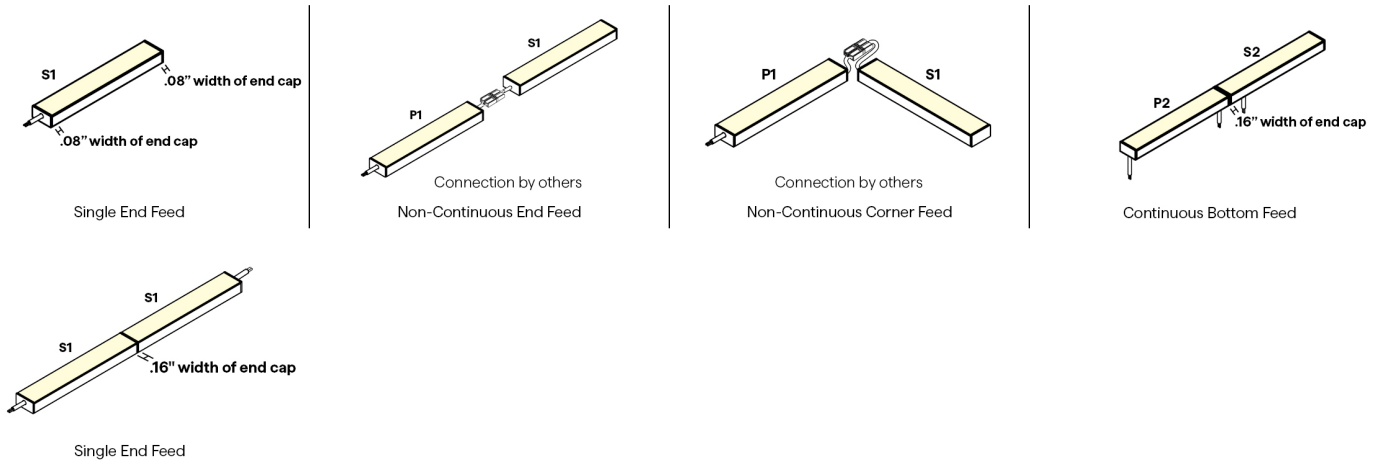
SINGLE (Input only)



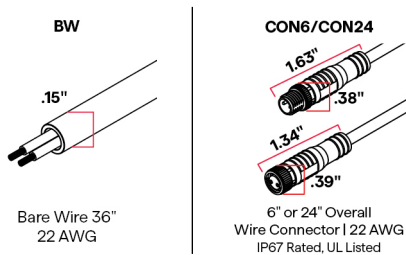
PASS THROUGH (Input/Output)



## CONFIGURATION OPTIONS



## 7 / 8 CONNECTOR/WIRE - IN/OUT



## 9 WIRE COLOR



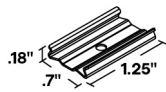


# OPTI-FLAT (01) STATIC COLOR

## 24VDC Linear Fixtures - Surface & Recessed

### 11 MOUNTING

CC  
(CC-01)



Concealed Clip

2 pieces of hardware provided for 4' or less; 4 pieces of hardware provided for greater than 4'

To order separately use CC-01 (sold in pairs)

Each clips comes with a #4 x 5/8" Flat Head screw.

MG

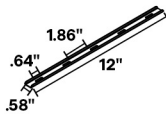


Magnet Clip

One MG provided per foot

To order separately use MG-02

MMA-02



Magnet Mount  
Accessory for MG-02

Sold separately, to order use MMA-02

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

Required when mounting to a non-magnetic surface

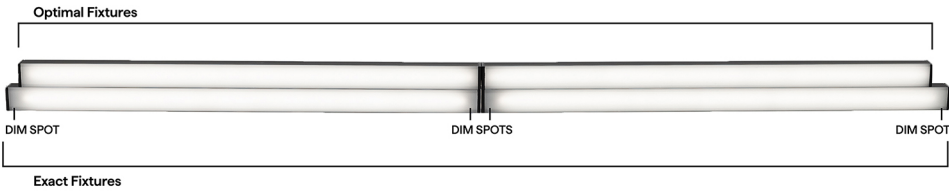
### 12 FINISH



Custom finishes require a longer lead time, consult factory

### 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.





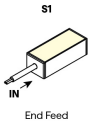
# OPTI-FLAT (01) STATIC COLOR

## 24VDC Linear Fixtures - Surface & Recessed

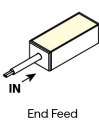
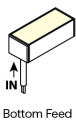
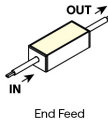
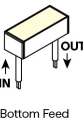
### SC DRY DMP LENGTHS BY INCH

Available in any length in between 12" and 98.43" not including end caps, chart below shows example lengths. Exact fixtures are the length specified. Optimal fixtures' length is rounded down with illumination end to end. All fixtures' tolerance is +0 - 1/8". Consult factory for lengths under 12".

#### 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"

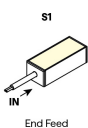
#### OPTIMAL LENGTH

Requested Nominal Length	S1 & S2		P1 & P2	
				
12"	10.41"		10.66"	
13"	12.41"		12.66"	
14"	12.41"		12.66"	
15"	14.41"		14.66"	
16"	14.41"		14.66"	
17"	16.41"		16.66"	
18"	16.41"		16.66"	
19"	18.41"		18.66"	
20"	18.41"		18.66"	
21"	20.41"		20.66"	
22"	20.41"		20.66"	
23"	22.41"		22.66"	
24"	22.41"		22.66"	
36"	34.41"		34.66"	
48"	46.41"		46.66"	
60"	58.41"		58.66"	
72"	70.41"		70.66"	
84"	82.41"		82.66"	
96"	94.41"		94.66"	

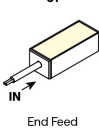
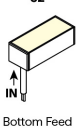
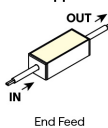
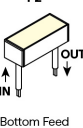
### SC WET LENGTHS BY INCH

Available in any length in between 12" and 98.43" not including end caps, chart below shows example lengths. Exact fixtures are the length specified. Optimal fixtures' length is rounded down with illumination end to end. All fixtures' tolerance is +0 - 1/8". Consult factory for lengths under 12".

#### 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	
				
12"	10.61"		10.76"	
13"	12.61"		12.76"	
14"	12.61"		12.76"	
15"	14.61"		14.76"	
16"	14.61"		14.76"	
17"	16.61"		16.76"	
18"	16.61"		16.76"	
19"	18.61"		18.76"	
20"	18.61"		18.76"	
21"	20.61"		20.76"	
22"	20.61"		20.76"	
23"	22.61"		22.76"	
24"	22.61"		22.76"	
36"	34.61"		34.76"	
48"	46.61"		46.76"	
60"	58.61"		58.76"	
72"	70.61"		70.76"	
84"	82.61"		82.76"	
96"	94.61"		94.76"	



OPTI-FLAT (01) 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+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 QTM-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	


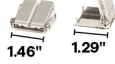



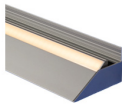



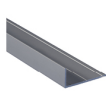


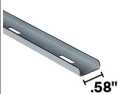


# OPTI-FLAT (01) STATIC COLOR

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+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" 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>QUOVA-STANDARD</b>  QUOVA Knife Edge	<b>NJ-LARGE</b>  J Mounting Bracket	<b>NU-LARGE</b>  U Mounting Bracket	<b>SD-J-LARGE</b>  J Mounting Bracket	<b>BL-LARGE</b>  Backwards L Mounting Bracket
<b>NL-LARGE</b>  L Mounting Bracket	<b>SD-L-LARGE</b>  L Mounting Bracket	<b>MMA-02</b>  .58" Magnet Mount Accessory of MG-02							



# OPTI-FLAT (01) STATIC COLOR

24VDC Linear Fixtures - Surface & Recessed

## COMPATIBLE WIRING ACCESSORIES

<b>Q-mini-J</b>  UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)	<b>Q-mini-J5</b>  UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)	<b>CON120-EXT</b>  10ft Con cable extender DRY/DMP/WET	<b>CON FOUR-FER</b>  Splits lead from one to four LED Con connectors DRY/DMP/WET	<b>CON M - BARREL F</b>  Male con to barrel cable adaptor DRY/DMP
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## COMPATIBLE APPS

**NFC APP**  
  
Read and write DMX addresses and adjust voltage