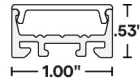
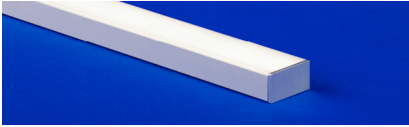




# OPTI-FLAT (01) RGBW

## 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

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
OP1RGBW										CC			

Sample Part Number: **OP1RGBW-6.0-30-DRY-DF-P1-CON6-CON6-WH-CL2-CC-WH-48"-E**

1

PRODUCT

OP1RGBW

See following pages for compatible power supplies.

2

WATTS/FT

6.06.0W/ft

4.0HE4.0W/ft HE

3

CCT

2730RGBW-2700K  
RGBW-3000K

27303540RGBW-2700K  
RGBW-3000K  
RGBW-3500K  
RGBW-4000K

4

RATED

DRY  
DMP  
WET

IP20  
IP54  
IP67

5

LENS

DFDiffused

PRPolar

FRFrosted

6

WIRE INPUT/OUTPUT

S1Single 1 (Input only) - End Feed

S2Single 2 (Input only) - Bottom Feed

P1Pass Through 1 (Input/output) - End Feed

P2Pass Through 2 (Input/output) - Bottom Feed

7

CONNECTOR/WIRE IN

BW  
CON6  
CON24

Bare Wire (Standard 36")  
Connector 6"  
Connector 24"

BW  
CON6  
CON24

Bare Wire (Standard 36")  
Connector 6"  
Connector 24"

8

CONNECTOR/WIRE OUT

CLS

Closed End (No feed)

BW  
CON6  
CON24

Bare Wire (Standard 36")  
Connector 6"  
Connector 24"

9

WIRE COLOR

WHWhite

BKBlack

10

WIRE TYPE

CL2Class 2

CL2PPlenum Rated

CL2P only available with bare wire leads (BW)

11

MOUNTING

CC

Concealed Clip

12

FINISH

STSatin

BKBlack

WHWhite

CUCustom

Custom finishes have longer lead times. Non-RAL 9003 whites custom.

13

LENGTH (IN)

Minimum length is 12", maximum length is 98.43" not including end caps. Contact us for lengths under 12".

14

EXACT/OPTIMAL

O  
E

Optimal Illumination  
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)

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)



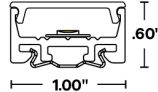
# OPTI-FLAT (01) RGBW

24VDC Linear Fixtures - Surface & Recessed

## 1 PRODUCT - DIMENSIONS



Profile



Profile with  
concealed clip

## 2 DELIVERED LUMENS

[Calculated L70 = 51000 hrs]  
Tested with OP1RGBW-\*\*-\*\*-DRY-\*\*

	6.0 W/FT								4.0HE W/FT							
	3000K		Red		Green		Blue		3000K		Red		Green		Blue	
	LM/FT	CRI	LM/FT	Wavelength	LM/FT	Wavelength	LM/FT	Wavelength	LM/FT	CRI	LM/FT	Wavelength	LM/FT	Wavelength	LM/FT	Wavelength
FR	123	92	40	628	111	514	26	464	79	97	32	626	115	522	30	469
PR	115	93	38	629	104	515	24	464	76	97	31	626	109	522	29	469
DF	103	93	34	628	94	515	22	464	67	97	27	626	97	522	26	469

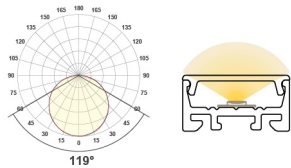
## TEMPERATURE RATINGS

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

## PHOTOMETRIC PERFORMANCE

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

6W/ft      Diffused Lens



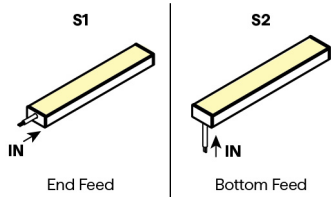


# OPTI-FLAT (01) RGBW

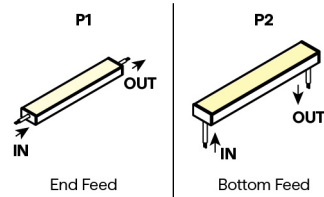
24VDC Linear Fixtures - Surface & Recessed

## 6 WIRE INPUT/OUTPUT

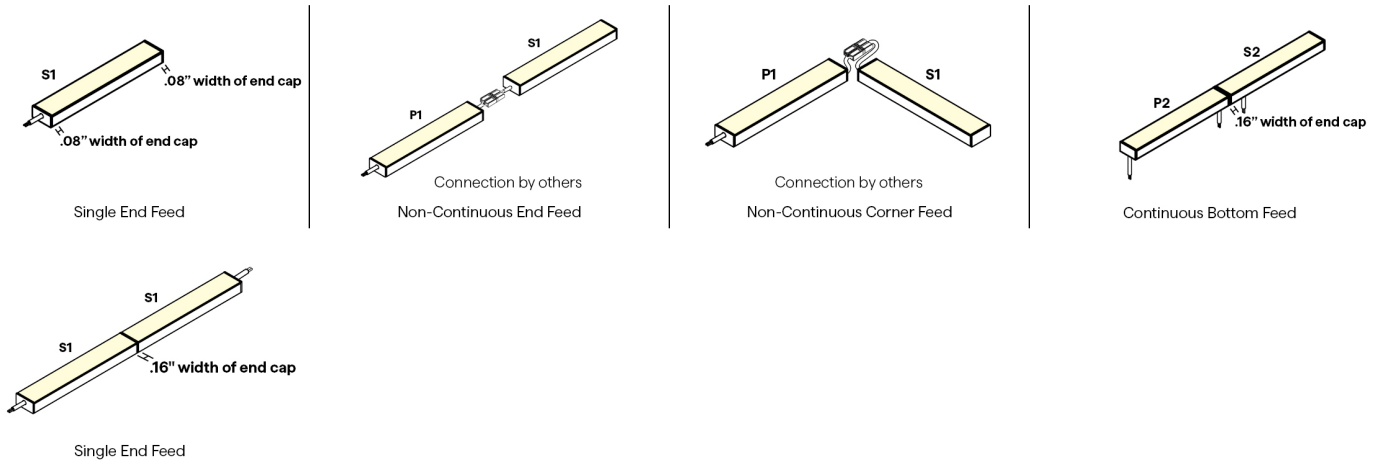
SINGLE (Input only)



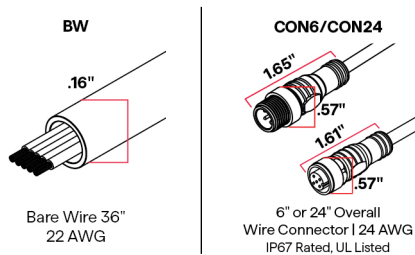
PASS THROUGH (Input/Output)



## CONFIGURATION OPTIONS



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



## 9 WIRE COLOR



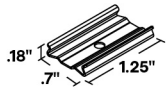


# OPTI-FLAT (01) RGBW

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.

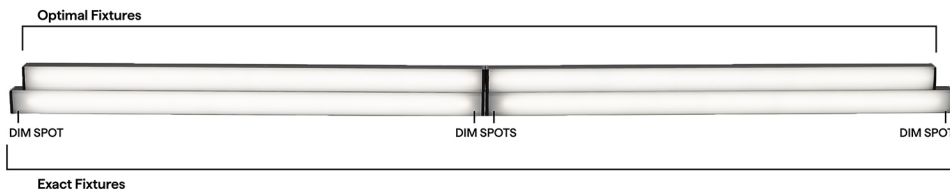
## 12 FINISH



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.





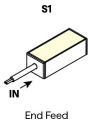
# OPTI-FLAT (01) RGBW

24VDC Linear Fixtures - Surface & Recessed

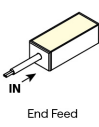
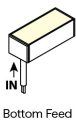
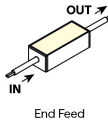
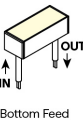
## RGBW-HE DRY DMP LENGTHS BY INCH

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"

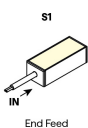
### OPTIMAL LENGTH

Requested Nominal Length	S1 & S2		P1 & P2	
				
12"	10.51"		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"	

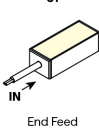
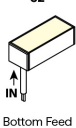
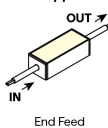
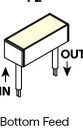
## RGBW-HE WET LENGTHS BY INCH

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"	10.66"		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"	



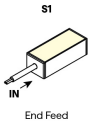
# OPTI-FLAT (01) RGBW

24VDC Linear Fixtures - Surface & Recessed

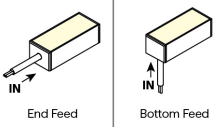
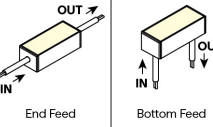
## RGBW DRY DMP LENGTHS BY INCH

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"	2"
13"	0.5"
14"	1"
15"	1.5"
16"	2"
17"	0.5"
18"	1"
19"	1.5"
20"	2"
21"	0.5"
22"	1"
23"	1.5"
24"	2"
36"	2"
48"	2"
60"	2"
72"	2"
84"	2"
96"	2"

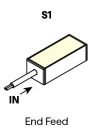
### OPTIMAL LENGTH

Requested Nominal Length	S1 & S2 	P1 & P2 
12"	8.51"	8.86"
13"	12.51"	12.86"
14"	12.51"	12.86"
15"	12.51"	12.86"
16"	12.51"	12.86"
17"	16.51"	16.86"
18"	16.51"	16.86"
19"	16.51"	16.86"
20"	16.51"	16.86"
21"	20.51"	20.86"
22"	20.51"	20.86"
23"	20.51"	20.86"
24"	20.51"	20.86"
36"	32.51"	32.86"
48"	44.51"	44.86"
60"	56.51"	56.86"
72"	68.51"	68.86"
84"	80.51"	80.86"
96"	92.51"	92.86"

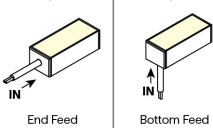
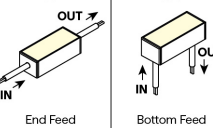
## RGBW WET LENGTHS BY INCH

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"	2"
13"	0.5"
14"	1"
15"	1.5"
16"	2"
17"	0.5"
18"	1"
19"	1.5"
20"	2"
21"	0.5"
22"	1"
23"	1.5"
24"	2"
36"	2"
48"	2"
60"	2"
72"	2"
84"	2"
96"	2"

### OPTIMAL LENGTH

Requested Nominal Length	S1 & S2 	P1 & P2 
12"	8.66"	9.06"
13"	12.66"	9.06"
14"	12.66"	13.06"
15"	12.66"	13.06"
16"	12.66"	13.06"
17"	16.66"	13.06"
18"	16.66"	17.06"
19"	16.66"	17.06"
20"	16.66"	17.06"
21"	20.66"	17.06"
22"	20.66"	21.06"
23"	20.66"	21.06"
24"	20.66"	21.06"
36"	32.66"	33.06"
48"	44.66"	45.06"
60"	56.66"	57.06"
72"	68.66"	69.06"
84"	80.66"	81.06"
96"	92.66"	93.06"



# OPTI-FLAT (01) RGBW

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
	RGBW, RGBW-HE	RGBW, RGBW-HE
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 RGBW App Dongle	

DIMMING PROTOCOL	INDOOR	OUTDOOR
	RGBW, RGBW-HE	RGBW, RGBW-HE
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
SCENE App Dimmed	Non-Dim Power Supply with RGBW App Dongle	

## COMPATIBLE MOUNTING ACCESSORIES

HINGE - HMB-M

Adjustable mounting bracket - Medium

HINGE - HMB-L

Adjustable mounting bracket - Large

HINGE - HMB-XL

Adjustable mounting bracket - XLarge

Q-PIVOT

Small mounting accessory

Q-ANGLE

Adjustable mounting accessory

QUOVA-STANDARD

QUOVA Knife Edge

NJ-LARGE

J Mounting Bracket

NU-LARGE

U Mounting Bracket

SD-J-LARGE

J Mounting Bracket

BL-LARGE

Backwards L Mounting Bracket

NL-LARGE

L Mounting Bracket

SD-L-LARGE

L Mounting Bracket

## COMPATIBLE WIRING ACCESSORIES

Q-mini-J5

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



## OPTI-FLAT (01) RGBW

24VDC Linear Fixtures - Surface & Recessed

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### COMPATIBLE CONTROL ACCESSORIES

#### SCENE APP DONGLE



Wi-Fi or Bluetooth  
Connectivity

### COMPATIBLE APPS

#### NFC APP



Read and write  
DMX addresses and  
adjust voltage