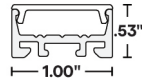
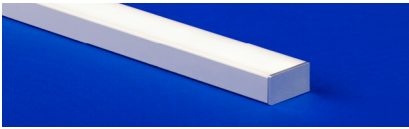




OPTI-FLAT (01) RGBW

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

INFORMATION REQUIRED FOR LIGHTING SCHEDULE

1	2	3	4	5
PRODUCT	WATTS/ FT	CCT	RATED	LENS
OP1RGBW				

ADDITIONAL INFORMATION REQUIRED TO ORDER

6	7	8	9	10	11	12	13	14
WIRE INPUT/ OUTPUT	CONNECTOR/ WIRE IN	CONNECTOR/ WIRE OUT	WIRE COLOR	WIRE TYPE	MOUNTING	FINISH	LENGTH (IN)	EXACT/ OPTIMAL
					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 6.0 6.0W/ft 4.0HE 4.0W/ft HE	3 CCT 27 RGBW-2700K 30 RGBW-3000K 27 RGBW-2700K 30 RGBW-3000K 35 RGBW-3500K 40 RGBW-4000K	4 RATED DRY IP20 DMP IP54 WET IP67
5 LENS DF Diffused PR Polar FR Frosted	6 WIRE INPUT/OUTPUT SINGLE (Input only) S1 End Feed S2 Bottom Feed PASS THROUGH (Input/Output) P1 End Feed P2 Bottom Feed	7 CONNECTOR/WIRE IN BW Bare Wire (Standard 36") CON6 Connector 6" CON24 Connector 24" BW Bare Wire (Standard 36") CON6 Connector 6" CON24 Connector 24"	8 CONNECTOR/WIRE OUT CLS Closed End (No feed) BW Bare Wire (Standard 36") CON6 Connector 6" CON24 Connector 24"
9 WIRE COLOR WH White BK Black	10 WIRE TYPE CL2 Class 2 CL2P Plenum Rated CL2P only available with bare wire leads (BW)	11 MOUNTING CC Concealed Clip	12 FINISH ST Satin BK Black WH White CU Custom 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 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.

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)



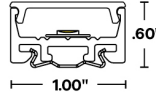
OPTI-FLAT (01) RGBW

24VDC Linear Fixtures - Surface & Recessed

1 PRODUCT - DIMENSIONS



Profile



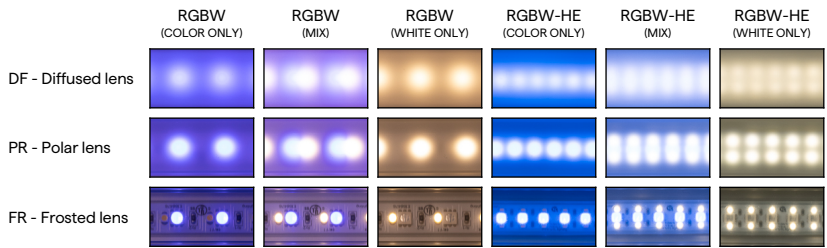
Profile with
concealed clip

2 DELIVERED LUMENS

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

	6.0 W/FT								4.0HE W/FT							
	3000K				Red				Green				Blue			
	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

5 DIODE VISIBILITY



TEMPERATURE RATINGS

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



OPTI-FLAT (01) RGBW

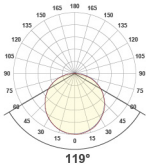
24VDC Linear Fixtures - Surface & Recessed

PHOTOMETRIC PERFORMANCE

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

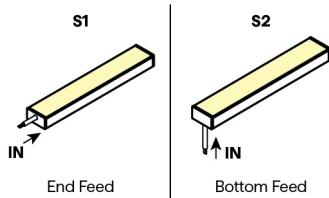
6W/ft

Diffused Lens

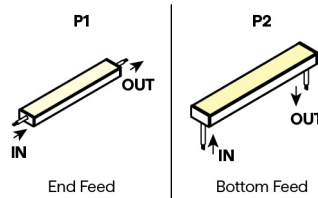


6 WIRE INPUT/OUTPUT

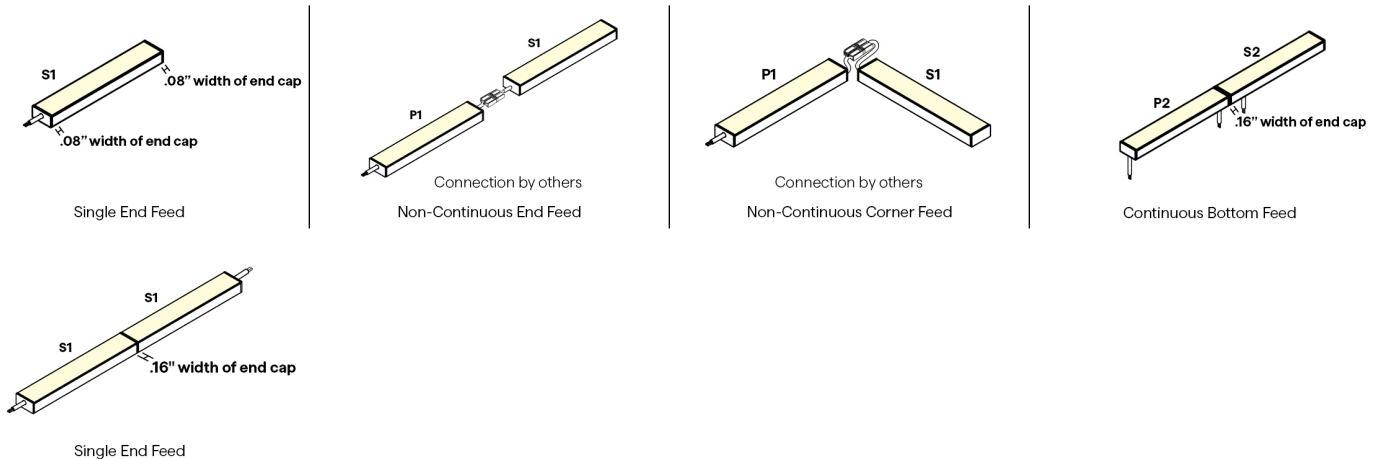
SINGLE (Input only)



PASS THROUGH (Input/Output)



CONFIGURATION OPTIONS

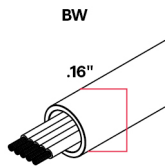




OPTI-FLAT (01) RGBW

24VDC Linear Fixtures - Surface & Recessed

7 / 8 CONNECTOR/WIRE - IN/OUT



Bare Wire 36"
22 AWG



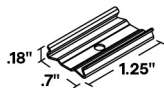
6" or 24" Overall
Wire Connector | 24 AWG
IP67 Rated, UL Listed

9 WIRE COLOR



11 MOUNTING

CC
(CC-01)



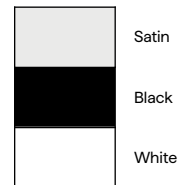
Concealed Clip

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.

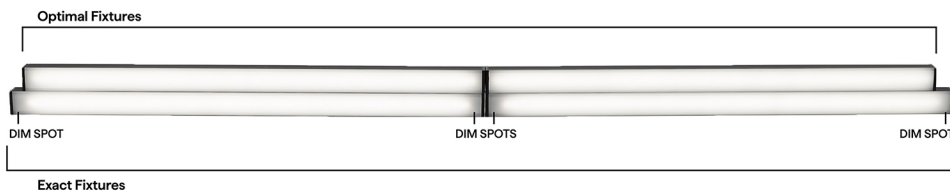
12 FINISH



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.





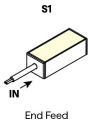
OPTI-FLAT (01) RGBW

24VDC Linear Fixtures - Surface & Recessed

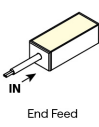
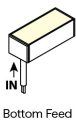
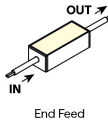
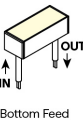
RGBW-HE DRY DMP LENGTHS BY INCH

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"

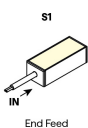
OPTIMAL LENGTH

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"	

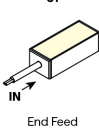
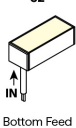
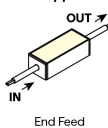
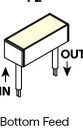
RGBW-HE WET LENGTHS BY INCH

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"	



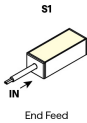
OPTI-FLAT (01) RGBW

24VDC Linear Fixtures - Surface & Recessed

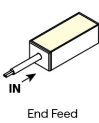
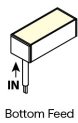
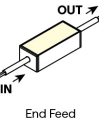
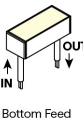
RGBW DRY DMP LENGTHS BY INCH

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"

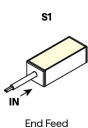
OPTIMAL LENGTH

Requested Nominal Length	S1 & S2  End Feed  Bottom Feed	P1 & P2  End Feed  Bottom Feed
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"

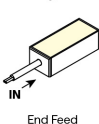
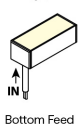
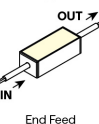
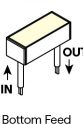
RGBW WET LENGTHS BY INCH

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  End Feed  Bottom Feed	P1 & P2  End Feed  Bottom Feed
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

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

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

2.80" 2.27"

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



OPTI-FLAT (01) RGBW

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