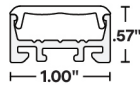
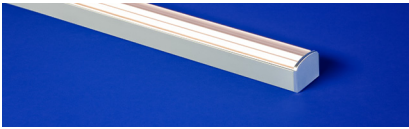




# OPTI-OPTICS (02) RGBW

## 24VDC Linear Fixtures - Surface & Recessed



- Choose from 9 lens options: 40°, 60°, 70°, 90°, 110°, 155°, 180°, Asymmetric, & Forward Throw
- Delivers smooth and consistent light to highlight architectural features and surfaces
- Ideal for surface-mounted or recessed 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
OP2RGBW	6.0		DRY	

### 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: **OP2RGBW-6.0-30-DRY-155D-P1-CON6-CON6-WH-CL2-CC-WH-48"-E**

<b>1</b> <b>PRODUCT</b> <b>OP2RGBW</b> See following pages for compatible power supplies.	<b>2</b> <b>WATTS/FT</b> <b>6.0</b> 6.0W/ft	<b>3</b> <b>CCT</b> <b>27</b> RGBW-2700K <b>30</b> RGBW-3000K	<b>4</b> <b>RATED</b> <b>DRY</b> IP20		
<b>5</b> <b>LENS</b> <b>40D</b> Optical 40° <b>60D</b> Optical 60° <b>70D</b> Optical 70° <b>90D</b> Optical 90° <b>110D</b> Optical 110° <b>155D</b> Optical 155° <b>180D</b> Optical 180°  <b>ASYM</b> Asymmetric <b>FT</b> Forward Throw  40D, 60D, 70D, 90D, 110D, 155D, 180D, and ASYM are offered in 44.9" lengths. For representation of LED visibility, see Diode Visibility section on following pages. For beam angles, see Photometric Performance section on following pages	<b>6</b> <b>WIRE INPUT/OUTPUT</b> <b>SINGLE (Input only)</b> <b>S1</b> End Feed <b>S2</b> Bottom Feed  <b>PASS THROUGH (Input/Output)</b> <b>P1</b> End Feed <b>P2</b> Bottom Feed  <b>SINGLE (Input only)</b> <b>S1A</b> End Feed <b>S1B</b> End Feed <b>S2A</b> Bottom Feed <b>S2B</b> Bottom Feed  <b>PASS THROUGH (Input/Output)</b> <b>P1A</b> End Feed <b>P1B</b> End Feed <b>P2A</b> Bottom Feed <b>P2B</b> Bottom Feed	<b>7</b> <b>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>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</b> <b>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>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</b> <b>WIRE COLOR</b> <b>WH</b> White <b>BK</b> Black	<b>10</b> <b>WIRE TYPE</b> <b>CL2</b> Class 2 <b>CL2P</b> Plenum Rated  CL2P only available with bare wire leads (BW)	<b>11</b> <b>MOUNTING</b> <b>CC</b> Concealed Clip	<b>12</b> <b>FINISH</b> <b>ST</b> Satin <b>BK</b> Black <b>WH</b> White <b>CU</b> Custom  Custom finishes require a longer lead time, consult factory. Any white finish other than RAL 9003 must be custom ordered	<b>13</b> <b>LENGTH (IN)</b> Minimum length is 12", maximum length is 98.43" not including end caps. Contact us for lengths under 12".	<b>14</b> <b>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)

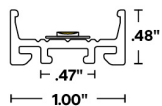
BW: Standard length is 36". Max length is 120". Request custom length by writing in part number next to BW (example: BW48)



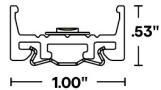
# OPTI-OPTICS (02) RGBW

24VDC Linear Fixtures - Surface & Recessed

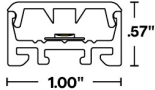
## 1 PRODUCT - DIMENSIONS



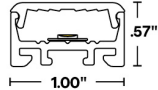
Profile



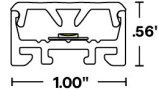
Profile with  
concealed clip



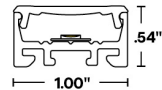
Profile with 40D lens



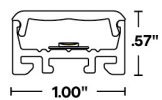
Profile with 60D lens



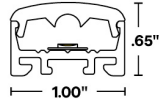
Profile with 70D lens



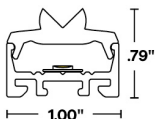
Profile with 90D lens



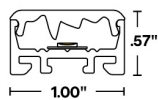
Profile with 110D lens



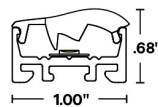
Profile with 155D lens



Profile with 180D lens



Profile with asymmetric lens



Profile with  
forward throw lens

## 2 DELIVERED LUMENS

[Calculated L70 = 51000 hrs]  
Tested with OP2RGBW-6.0-\*\*-DRY-\*\*

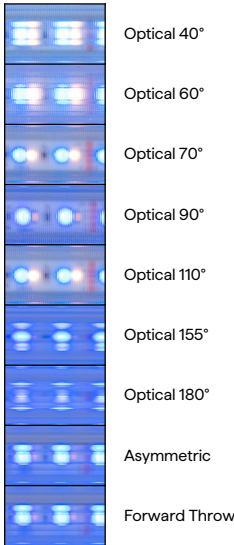
	3000K		Red		Green		Blue	
	LM/FT	CRI	LM/FT	Wavelength	LM/FT	Wavelength	LM/FT	Wavelength
40D	146	92	39	629	113	513	32	463
60D	133	93	36	629	110	513	30	464
70D	139	93	37	629	113	513	31	464
90D	136	93	37	629	112	513	30	464
110D	135	93	37	629	104	513	29	463
155D	133	92	36	629	103	513	29	463
180D	135	92	36	629	101	513	28	463
ASYM	131	93	37	629	111	513	30	464
FT	121	93	36	627	95	513	26	463



# OPTI-OPTICS (02) RGBW

24VDC Linear Fixtures - Surface & Recessed

## 5 DIODE VISIBILITY

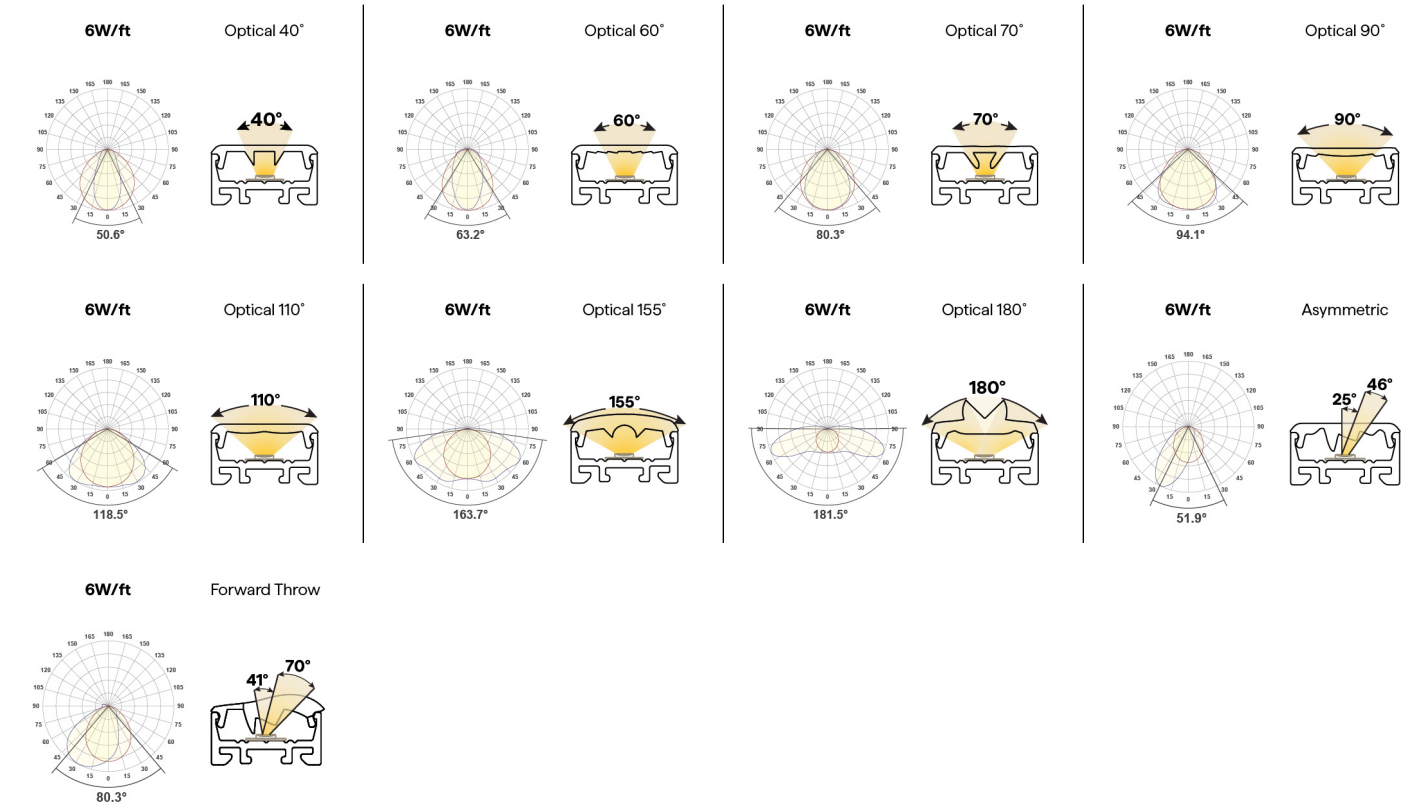


## TEMPERATURE RATINGS

		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.



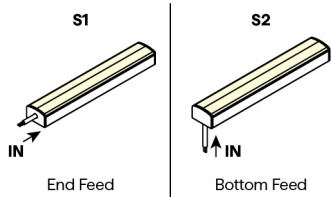


# OPTI-OPTICS (02) RGBW

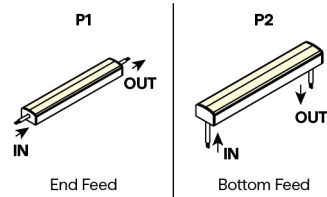
24VDC Linear Fixtures - Surface & Recessed

## 6 WIRE INPUT/OUTPUT

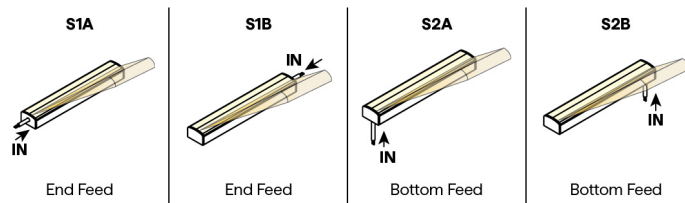
SINGLE (Input only)



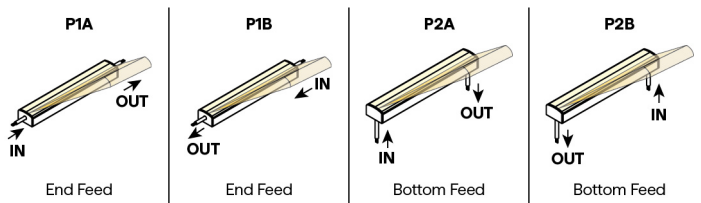
PASS THROUGH (Input/Output)



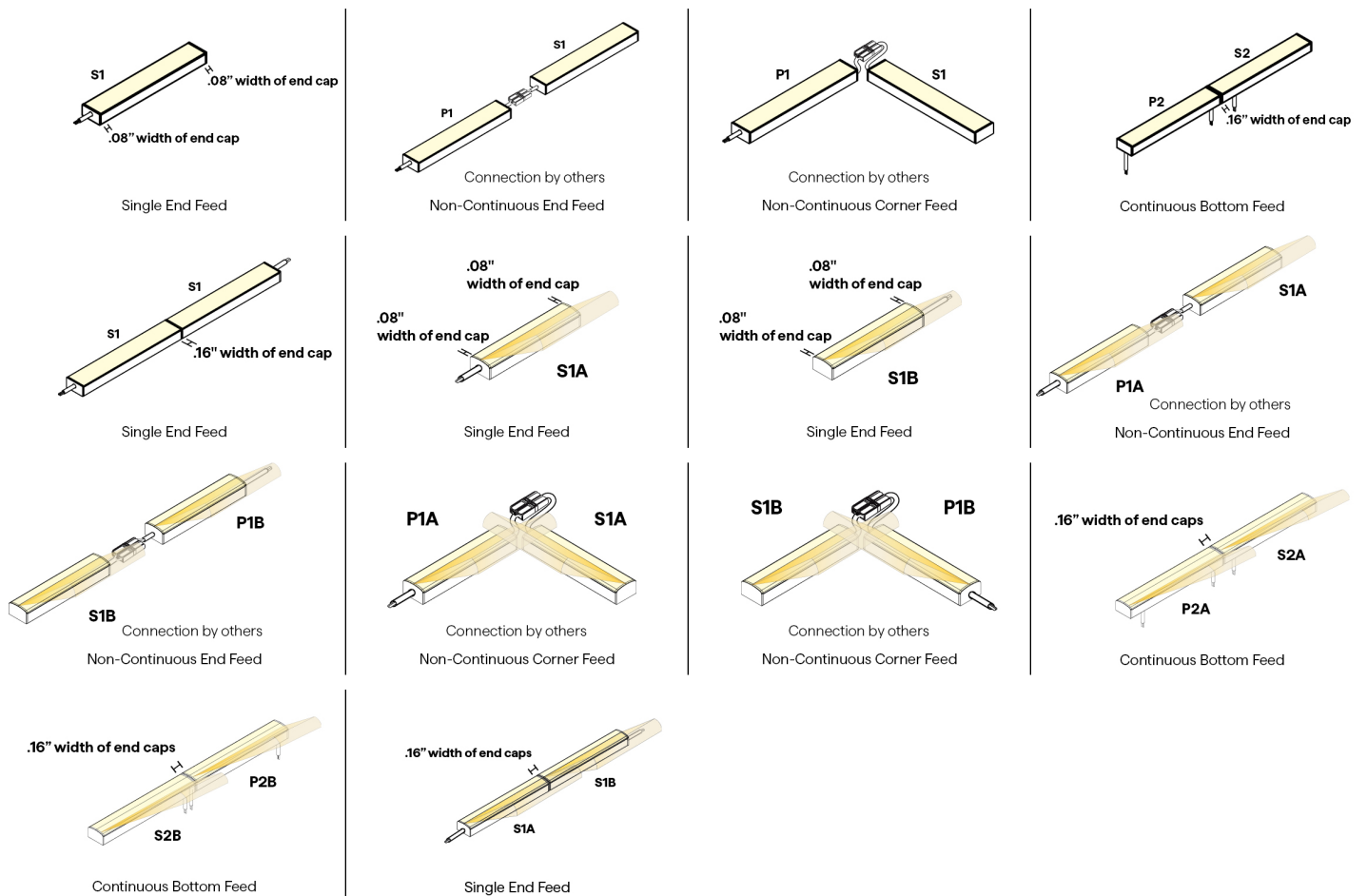
ASYMMETRIC ONLY SINGLE (Input only)



ASYMMETRIC ONLY PASS THROUGH (Input/Output)



## CONFIGURATION OPTIONS

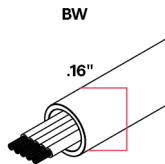




# OPTI-OPTICS (02) RGBW

## 24VDC Linear Fixtures - Surface & Recessed

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



Bare Wire 36"  
22 AWG



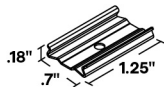
6" or 24" Overall  
Wire Connector | 24 AWG  
IP67 Rated, UL Listed

### 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.

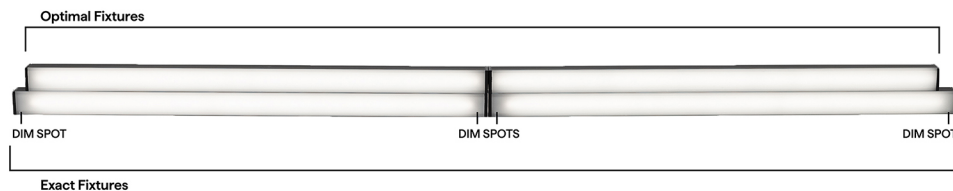
### 12 FINISH



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.





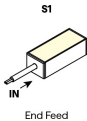
# OPTI-OPTICS (02) RGBW

## 24VDC Linear Fixtures - Surface & Recessed

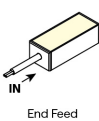
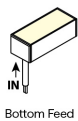
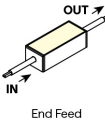
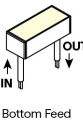
### RGBW DRY LENGTHS BY INCH

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 & S1A/B & S2 & S2A/B		P1 & P1A/B & P2 & P2A/B	
	 End Feed	 Bottom Feed	 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"	

### COMPATIBLE POWER SUPPLIES

See power supplies cut sheets for more information. Data subject to change, all data has +/- 5% tolerance.

DIM TO LEVEL	INDOOR
	RGBW, RGBW-HE
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 RGBW App Dongle


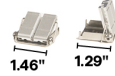



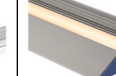
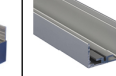
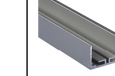
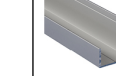
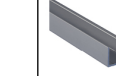
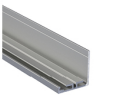
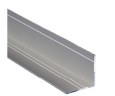
DIMMING PROTOCOL	INDOOR
	RGBW, RGBW-HE
DMX	QTM-eLED+DMX QZ-DMX
DALI-2: DT8	QT-CAB-eLED+DALI-DT8 QTM-eLED+DALI-DT8 QZ-DALI-DT8
SCENE App Dimmed	Non-Dim Power Supply with RGBW App Dongle



# OPTI-OPTICS (02) RGBW

24VDC Linear Fixtures - Surface & Recessed

## 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								

## 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

## COMPATIBLE APPS

**NFC APP**



Read and write DMX addresses and adjust voltage