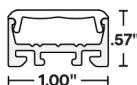
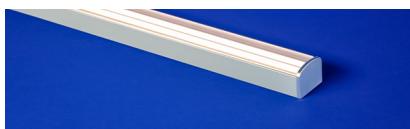




# OPTI-OPTICS (02) RGB

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

1 PRODUCT	2 WATTS/ FT	3 CCT	4 RATED	5 LENS	6 WIRE INPUT/ OUTPUT	7 CONNECTOR/ WIRE IN	8 CONNECTOR/ WIRE OUT	9 WIRE COLOR	10 WIRE TYPE	11 MOUNTING	12 FINISH	13 LENGTH (IN)	14 EXACT/ OPTIMAL
OP2RGB	6.0	RGB								CC			

Sample Part Number: OP2RGB-6.0-RGB-DRY-155D-P1-CON6-CON6-WH-CL2-CC-WH-48"-E

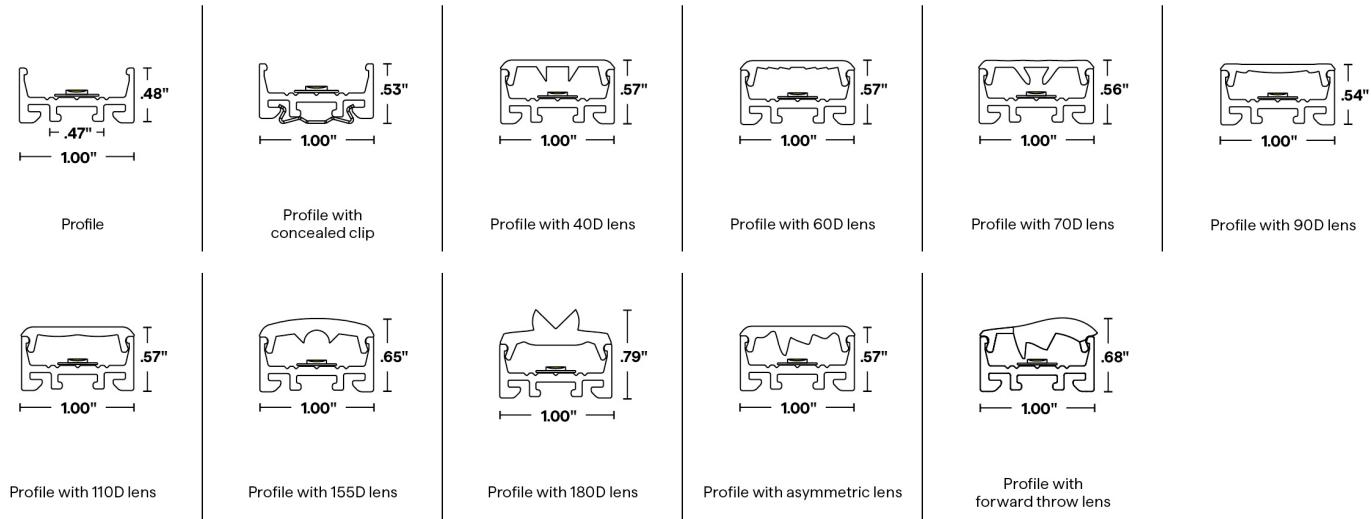
<b>1</b> PRODUCT  OP2RGB  See following pages for compatible power supplies.	<b>2</b> WATTS/FT  6.0 6.0W/ft	<b>3</b> CCT  RGB	<b>4</b> RATED  DRY IP20 DMP IP54		
<b>5</b> LENS  40D Optical 40° 60D Optical 60° 70D Optical 70° 90D Optical 90° 110D Optical 110° 155D Optical 155° 180D Optical 180°	<b>6</b> 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  S1A Single 1 (Input only) - End Feed S1B Single 1 (Input only) - End Feed S2A Single 2 (Input only) - Bottom Feed S2B Single 2 (Input only) - Bottom Feed  P1A Pass Through 1 (Input/output) - End Feed P1B Pass Through 1 (Input/output) - End Feed P2A Pass Through 2 (Input/output) - Bottom Feed P2B Pass Through 2 (Input/output) - Bottom Feed	<b>7</b> 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"  BW Bare Wire (Standard 36") CON6 Connector 6" CON24 Connector 24"  BW Bare Wire (Standard 36") CON6 Connector 6" CON24 Connector 24"	<b>8</b> CONNECTOR/WIRE OUT  CLS Closed End (No feed)  BW Bare Wire (Standard 36") CON6 Connector 6" CON24 Connector 24"  CLS Closed End (No feed)  BW Bare Wire (Standard 36") CON6 Connector 6" CON24 Connector 24"		
ASYM FT Asymmetric 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.	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)		
<b>9</b> WIRE COLOR  WH White BK Black	<b>10</b> WIRE TYPE  CL2 Class 2 CL2P Plenum Rated  CL2P only available with bare wire leads (BW)	<b>11</b> MOUNTING  CC Concealed Clip	<b>12</b> FINISH  ST Satin BK Black WH White CU Custom  Custom finishes have longer lead times. Non-RAL 9003 whites custom.	<b>13</b> LENGTH (IN)  Minimum length is 12", maximum length is 98.43" not including end caps. Contact us for lengths under 12".	<b>14</b> 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.



# OPTI-OPTICS (O2) RGB

## 24VDC Linear Fixtures - Surface & Recessed

### 1 PRODUCT - DIMENSIONS



### 2 DELIVERED LUMENS

[Calculated L70 = 52000 hrs]  
Tested with OP2RGB-6.0-RGB-DRY--\*\*

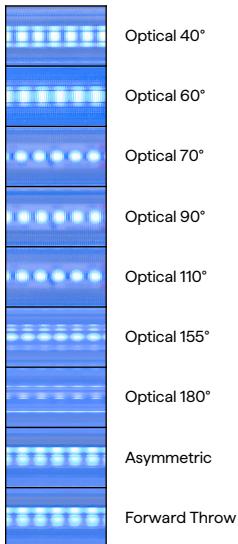
	Red		Green		Blue		All
	LM/FT	Wavelength	LM/FT	Wavelength	LM/FT	Wavelength	LM/FT
40D	64	631	182	523	54	469	292
60D	60	630	167	521	51	469	268
70D	62	631	173	519	52	469	278
90D	61	630	170	521	52	469	273
110D	59	631	165	522	49	469	265
155D	59	631	169	521	50	469	271
180D	60	631	168	521	50	469	270
ASYM	59	631	170	521	52	469	273
FT	49	630	146	521	45	468	234



# OPTI-OPTICS (O2) RGB

## 24VDC Linear Fixtures - Surface & Recessed

### 5 DIODE VISIBILITY

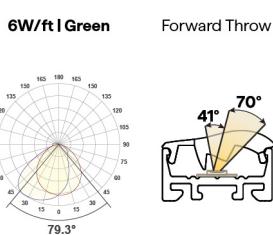
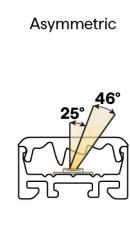
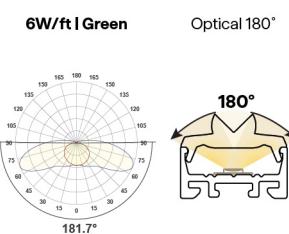
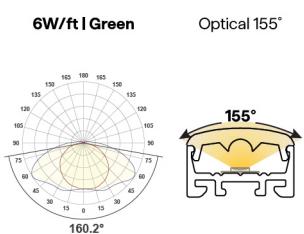
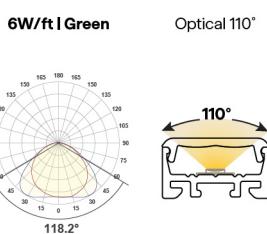
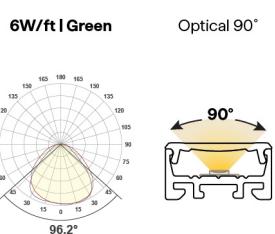
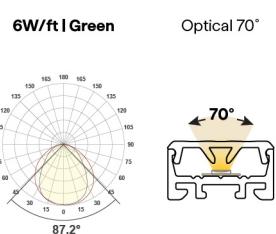
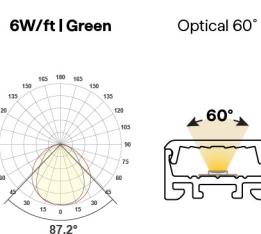
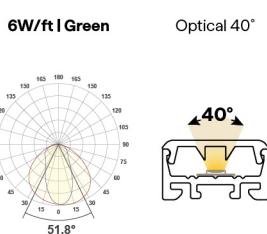


### TEMPERATURE RATINGS

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

### PHOTOMETRIC PERFORMANCE

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



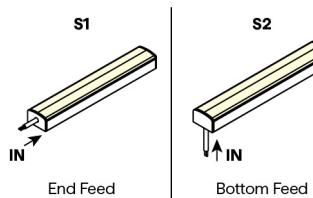


# OPTI-OPTICS (O2) RGB

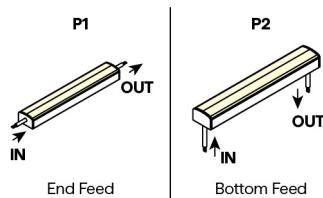
## 24VDC Linear Fixtures - Surface & Recessed

### 6 WIRE INPUT/OUTPUT

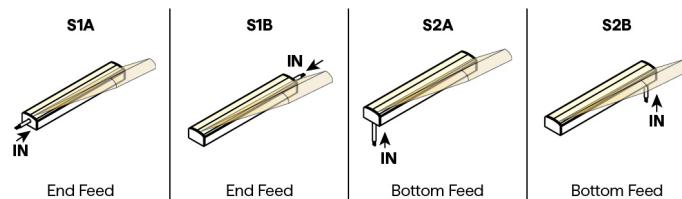
SINGLE (Input only)



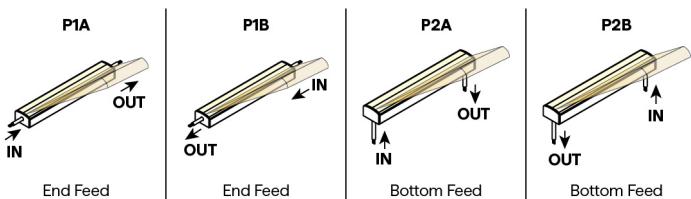
PASS THROUGH (Input/Output)



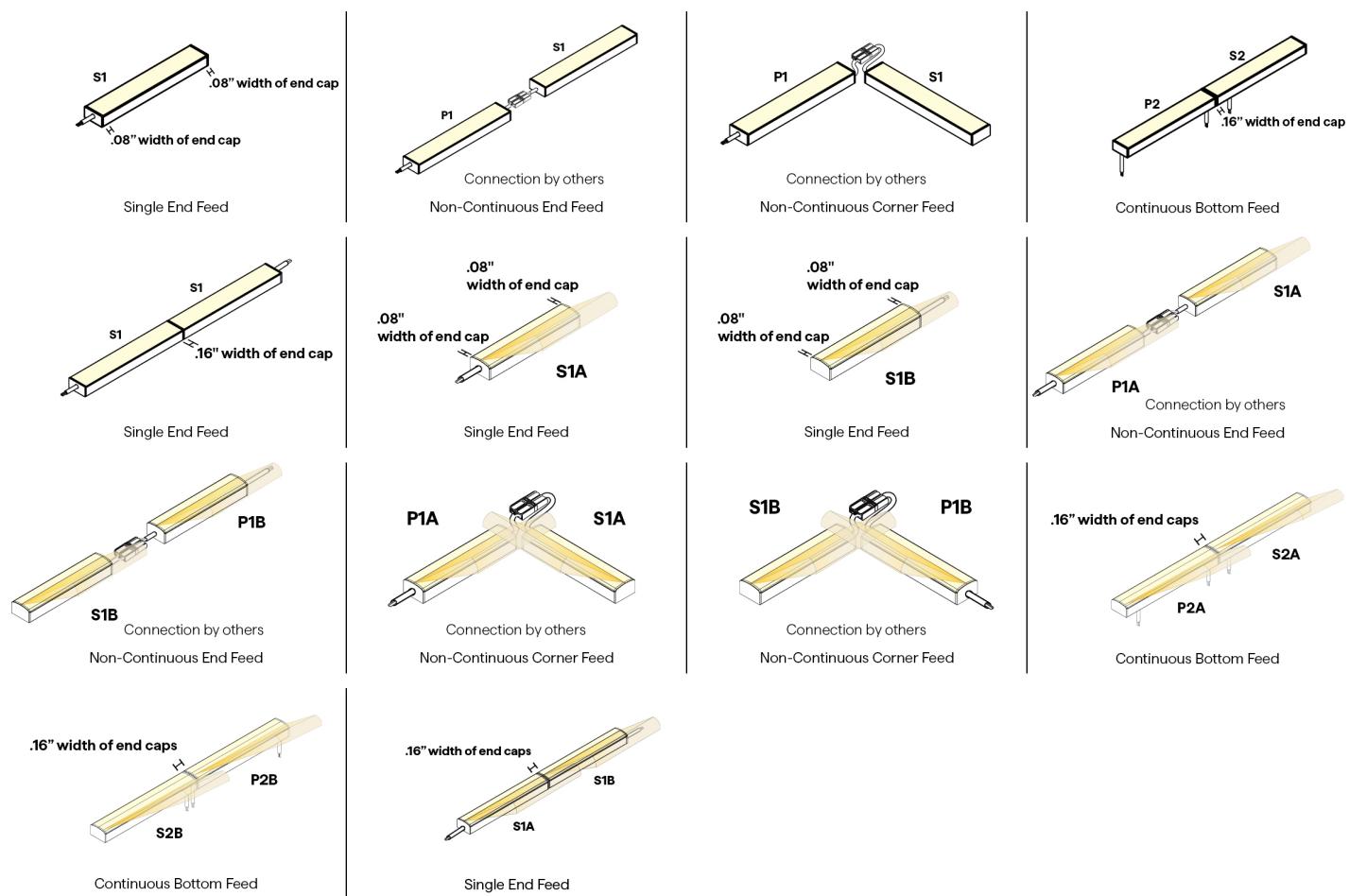
ASYMMETRIC ONLY SINGLE (Input only)



ASYMMETRIC ONLY PASS THROUGH (Input/Output)



### CONFIGURATION OPTIONS

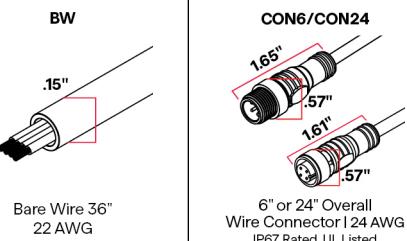




## OPTI-OPTICS (02) RGB

### 24VDC Linear Fixtures - Surface & Recessed

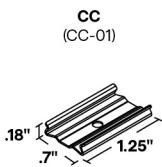
#### 7 / 8 CONNECTOR/WIRE – IN/OUT



#### 9 WIRE COLOR



#### 11 MOUNTING



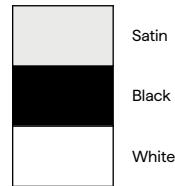
Concealed Clip

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

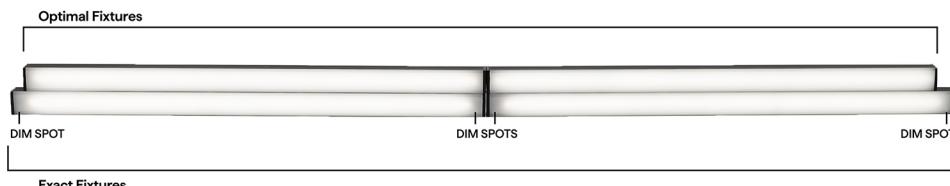
#### 12 FINISH



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 (O2) RGB

## 24VDC Linear Fixtures - Surface & Recessed

### RGB 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' 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 & S1A/B & S2 & S2A/B		P1 & P1A/B & P2 & P2A/B	
	S1 End Feed	S2 Bottom Feed	P1 End Feed	P2 Bottom Feed
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"	

### COMPATIBLE POWER SUPPLIES

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

DIM TO LEVEL	INDOOR
	RGB
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 RGB App Dongle

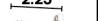
DIMMING PROTOCOL	INDOOR
	RGB
DMX	QTM-eLED+DMX QZ-DMX
DALI-2: DT8	QT-CAB-eLED+DALI-DT8 QTM-eLED+DALI-DT8 QZ-DALI-DT8



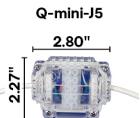
## **OPTI-OPTICS (02) RGB**

24VDC Linear Fixtures - Surface & Recessed

## COMPATIBLE MOUNTING ACCESSORIES

HINGE - HMB-M	HINGE - HMB-L	HINGE - HMB-XL	Q-PIVOT	Q-ANGLE	QUOVA-STANDARD	NJ-LARGE	NU-LARGE	SD-J-LARGE	BL-LARGE
									
Adjustable mounting bracket - Medium	Adjustable mounting bracket - Large	Adjustable mounting bracket - XLarge	Small mounting accessory	Adjustable mounting accessory	QUOVA Knife Edge	J Mounting Bracket	U Mounting Bracket	J Mounting Bracket	Backwards L Mounting Bracket

## COMPATIBLE WIRING ACCESSORIES



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

## COMPATIBLE CONTROL ACCESSORIES



## Wi-Fi or Bluetooth Connectivity

## COMPATIBLE APPS



Read and write  
DMX addresses and  
adjust voltage