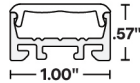
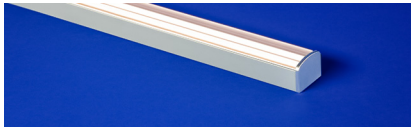




OPTI-OPTICS (02) RGBW

24VDC Linear Fixtures - Surface & Recessed



- Versatile surface and recessed mount linear LED fixture with an advanced assortment of optics
- Choose from nine lens options for varying diode visibility and beam angles
- Easy installation with options for concealed or magnet clip
- Durable anodized aluminum housings
- Red, Green, and Blue LED paired with a specifiable white LED allow for color changing applications
- Consult factory for field assembly options

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
OP2RGBW	6.0		DRY							CC			

Sample Part Number: **OP2RGBW-6.0-30-DRY-P1-CON6-CON6-WH-CL2-CC-WH-48"-E**

<div><div>1</div><div>PRODUCT</div><div>OP2RGBW</div><div>See following pages for compatible power supplies.</div></div>	<div><div>2</div><div>WATTS/FT</div><div>6.06.0W/ft</div></div>	<div><div>3</div><div>CCT</div><div>2730RGBW-2700KRGBW-3000K</div></div>	<div><div>4</div><div>RATED</div><div>DRYIP20</div></div>		
<div><div>5</div><div>LENS</div><div>40DOptical 40° 60DOptical 60° 70DOptical 70° 90DOptical 90° 110DOptical 110° 155DOptical 155° 180DOptical 180°</div><div>ASYMAsymmetric FTForward Throw</div><div>For representation of LED visibility, see Diode Visibility section on following pages. For beam angles, see Photometric Performance section on following pages</div></div>	<div><div>6</div><div>WIRE INPUT/OUTPUT</div><div>S1Single 1 (Input only) - End Feed S2Single 2 (Input only) - Bottom Feed For continuous mounting, consider bottom feed.</div><div>P1Pass Through 1 (Input/output) - End Feed P2Pass Through 2 (Input/output) - Bottom Feed For continuous mounting, consider bottom feed.</div><div>S1ASingle 1 (Input only) - End Feed S1BSingle 1 (Input only) - End Feed S2ASingle 2 (Input only) - Bottom Feed S2BSingle 2 (Input only) - Bottom Feed For continuous mounting, consider bottom feed.</div><div>P1APass Through 1 (Input/output) - End Feed P1BPass Through 1 (Input/output) - End Feed P2APass Through 2 (Input/output) - Bottom Feed P2BPass Through 2 (Input/output) - Bottom Feed For continuous mounting, consider bottom feed.</div></div>	<div><div>7</div><div>CONNECTOR/WIRE IN</div><div>BWBare Wire (Standard 36") CON6Connector 6" CON24Connector 24" BW: Standard length is 36". Max length is 120". Request custom length by writing in part number next to BW (example: BW48)</div><div>BWBare Wire (Standard 36") CON6Connector 6" CON24Connector 24" BW: Standard length is 36". Max length is 120". Request custom length by writing in part number next to BW (example: BW48)</div><div>BWBare Wire (Standard 36") CON6Connector 6" CON24Connector 24" BW: Standard length is 36". Max length is 120". Request custom length by writing in part number next to BW (example: BW48)</div><div>BWBare Wire (Standard 36") CON6Connector 6" CON24Connector 24" BW: Standard length is 36". Max length is 120". Request custom length by writing in part number next to BW (example: BW48)</div></div>	<div><div>8</div><div>CONNECTOR/WIRE OUT</div><div>CLSClosed End (No feed)</div><div>BWBare Wire (Standard 36") CON6Connector 6" CON24Connector 24" BW: Standard length is 36". Max length is 120". Request custom length by writing in part number next to BW (example: BW48)</div><div>CLSClosed End (No feed)</div><div>BWBare Wire (Standard 36") CON6Connector 6" CON24Connector 24" BW: Standard length is 36". Max length is 120". Request custom length by writing in part number next to BW (example: BW48)</div></div>		
<div><div>9</div><div>WIRE COLOR</div><div>WHWhite BKBlack</div></div>	<div><div>10</div><div>WIRE TYPE</div><div>CL2Class 2 CL2PPlenum Rated CL2P only available with bare wire leads (BW)</div></div>	<div><div>11</div><div>MOUNTING</div><div>CCConcealed Clip</div></div>	<div><div>12</div><div>FINISH</div><div>STSatin BKBlack WHWhite CUCustom</div></div>	<div><div>13</div><div>LENGTH (IN)</div><div>Minimum length is 12", maximum length is 98.43" not including end caps. Contact us for lengths under 12".</div></div>	<div><div>14</div><div>EXACT/OPTIMAL</div><div>OOptimal Illumination EExact 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.</div></div>

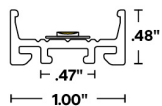
5 year warranty | Warranty only valid with QTL power supplies | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance



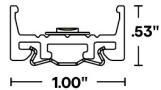
OPTI-OPTICS (02) RGBW

24VDC Linear Fixtures - Surface & Recessed

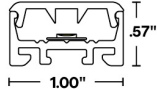
1 PRODUCT - DIMENSIONS



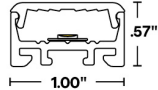
Profile



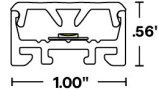
Profile with
concealed clip



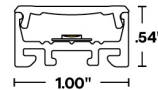
Profile with 40D lens



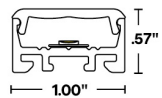
Profile with 60D lens



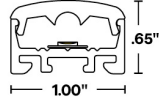
Profile with 70D lens



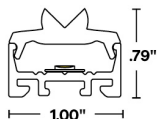
Profile with 90D lens



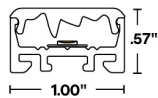
Profile with 110D lens



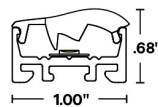
Profile with 155D lens



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-**

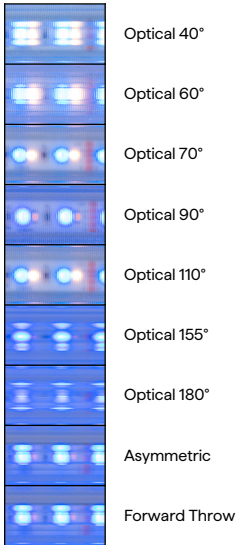
	3000K		Red		Green		Blue	
	LM/FT	CRI	LM/FT	Wavelength	LM/FT	Wavelength	LM/FT	Wavelength
40D	146	92	39	629	113	513	32	463
60D	133	93	36	629	110	513	30	464
70D	139	93	37	629	113	513	31	464
90D	136	93	37	629	112	513	30	464
110D	135	93	37	629	104	513	29	463
155D	133	92	36	629	103	513	29	463
180D	135	92	36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

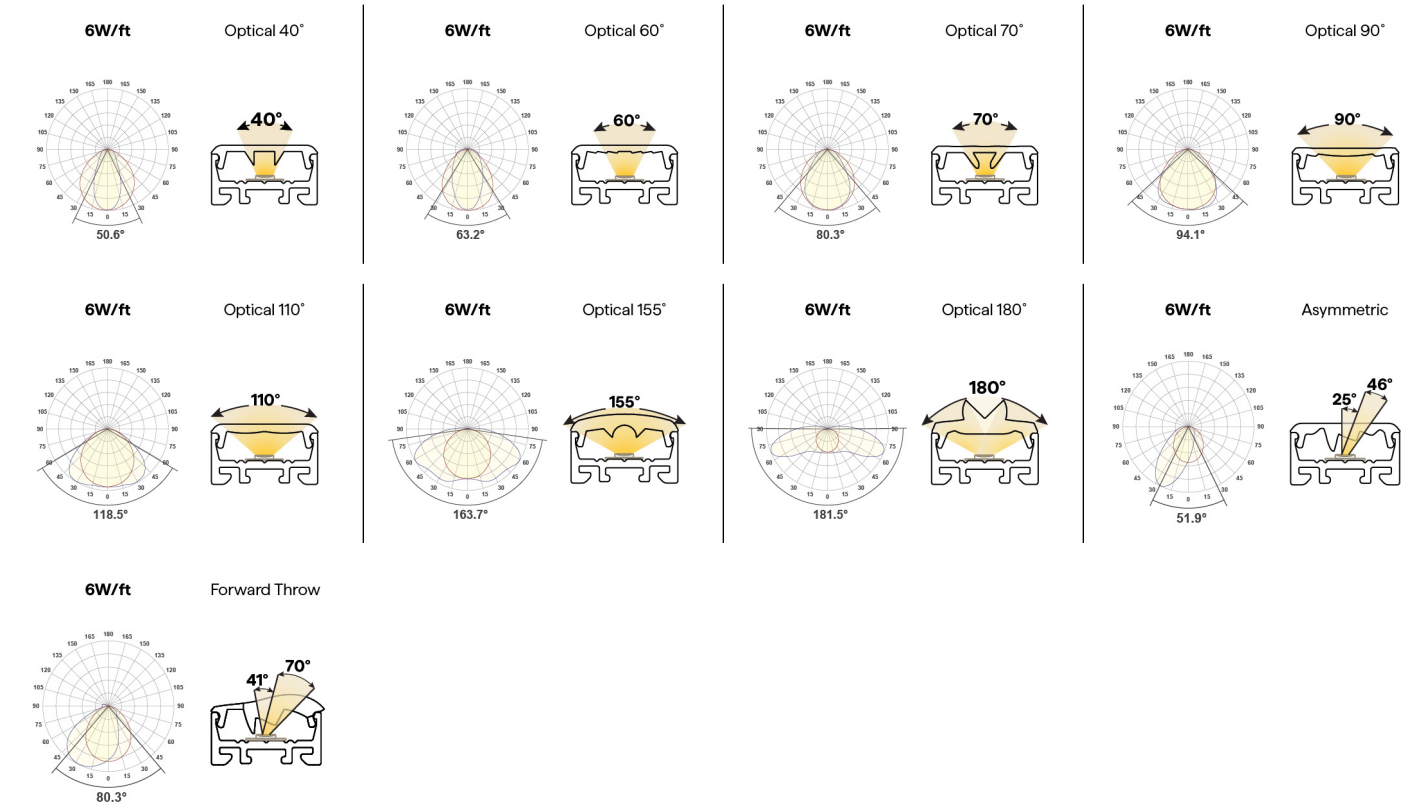


TEMPERATURE RATINGS

		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.



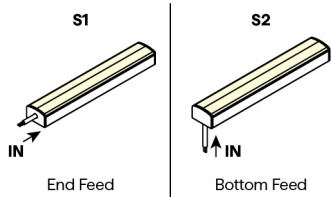


OPTI-OPTICS (02) RGBW

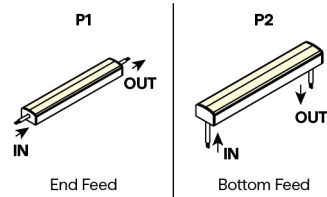
24VDC Linear Fixtures - Surface & Recessed

6 WIRE INPUT/OUTPUT

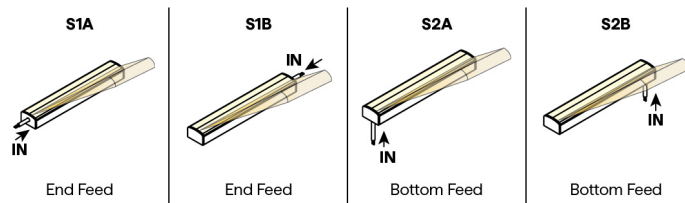
SINGLE (Input only)



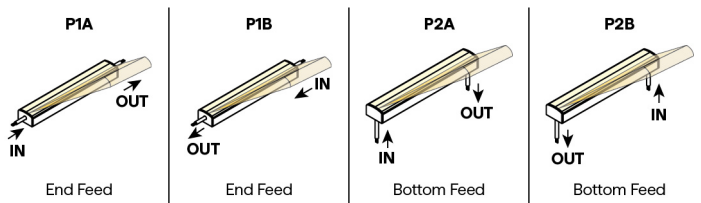
PASS THROUGH (Input/Output)



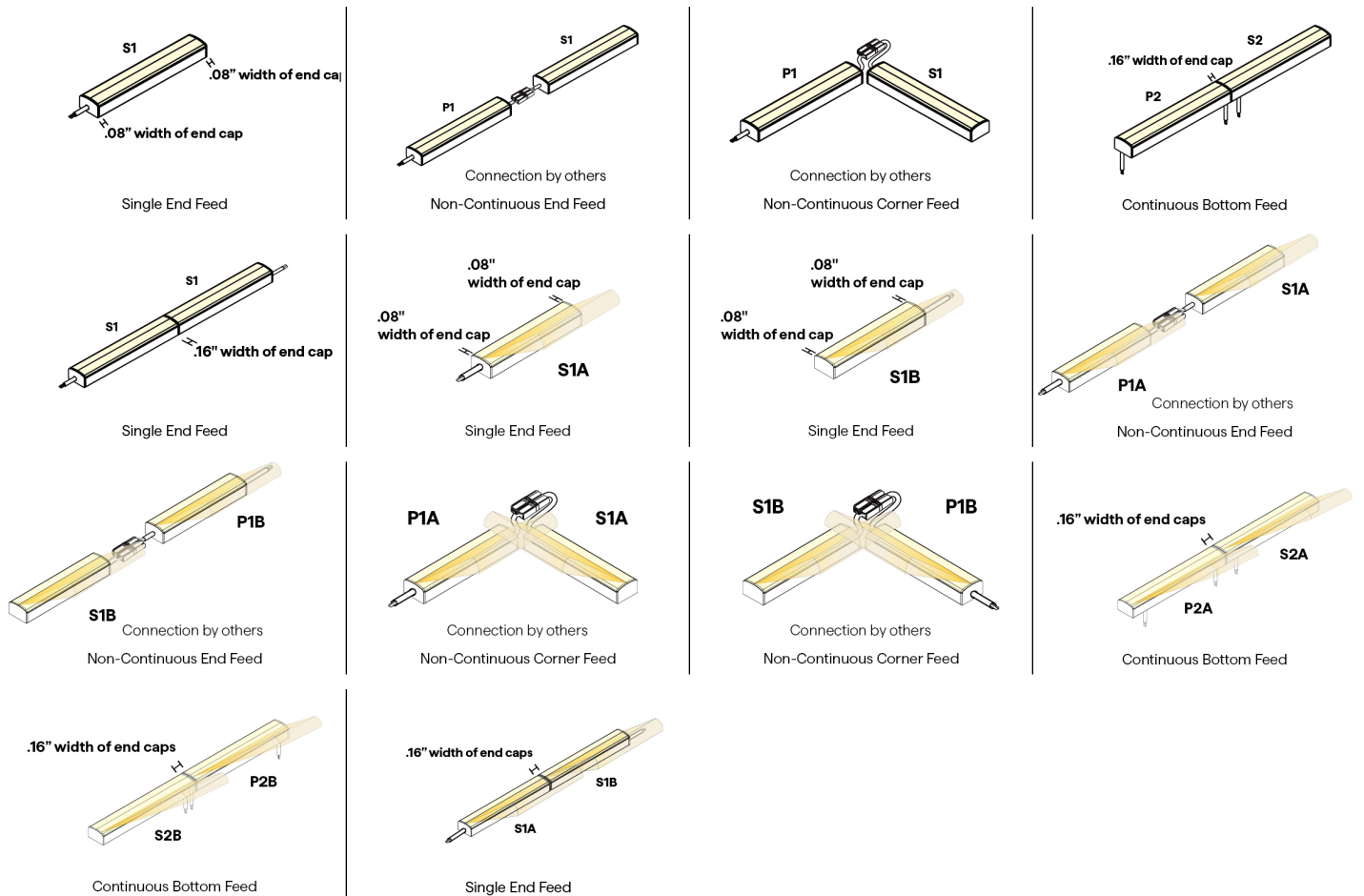
ASYMMETRIC ONLY SINGLE (Input only)



ASYMMETRIC ONLY PASS THROUGH (Input/Output)



CONFIGURATION OPTIONS

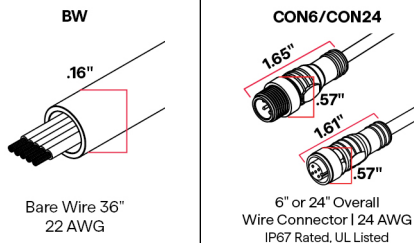




OPTI-OPTICS (02) RGBW

24VDC Linear Fixtures - Surface & Recessed

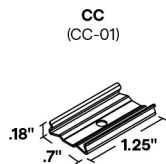
7 / 8 CONNECTOR/WIRE - IN/OUT



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

Each clips comes with a #4 x 5/8\"/>

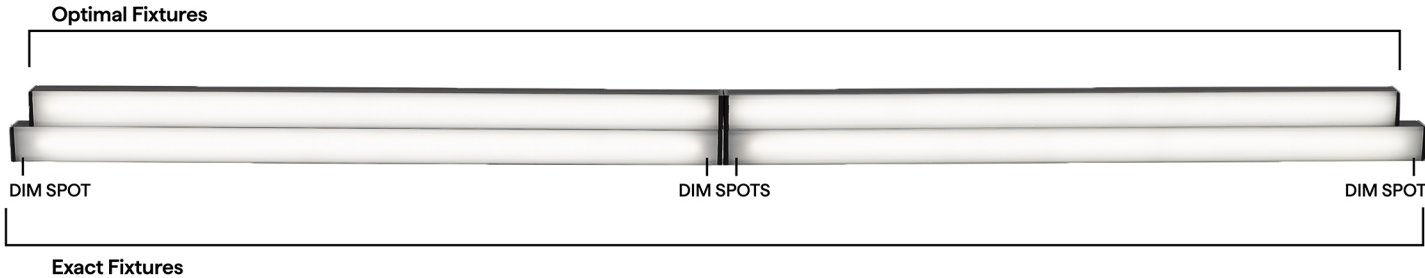
12 FINISH



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 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: highlighted rows are closest to requested nominal length

Requested Nominal Length	S1 & S1A/B & S2 & S2A/B		P1 & P1A/B & P2 & P2A/B	
	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"	

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

HINGE - HMB-M 1.41" .71" Adjustable mounting bracket - Medium	HINGE - HMB-L 1.46" 1.29" Adjustable mounting bracket - Large	HINGE - HMB-XL 4" 1.46" Adjustable mounting bracket - XLarge	Q-PIVOT .75" 1.03" Small mounting accessory	Q-ANGLE 2.23" 1.38" Adjustable mounting accessory	QUOVA-STANDARD 	NJ-LARGE 	NU-LARGE 	SD-J-LARGE 	BL-LARGE
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)

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