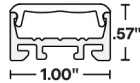
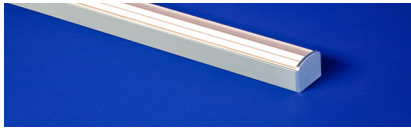




OPTI-OPTICS (02) RGB

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 allows 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
OP2RGB	6.0	RGB	DRY							CC			

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

1 PRODUCT OP2RGB See following pages for compatible power supplies.	2 WATTS/FT 6.06.0W/ft	3 CCT RGB	4 RATED DRYIP20		
5 LENS 40DOptical 40° 60DOptical 60° 70DOptical 70° 90DOptical 90° 110DOptical 110° 155DOptical 155° 180DOptical 180° ASYMAsymmetric FTForward Throw For representation of LED visibility, see Diode Visibility section on following pages. For beam angles, see Photometric Performance section on following pages	6 WIRE INPUT/OUTPUT S1Single 1 (Input only) - End Feed S2Single 2 (Input only) - Bottom Feed For continuous mounting, consider bottom feed. P1Pass Through 1 (Input/output) - End Feed P2Pass Through 2 (Input/output) - Bottom Feed For continuous mounting, consider bottom feed. 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. 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.	7 CONNECTOR/WIRE IN 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) 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) 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) 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)	8 CONNECTOR/WIRE OUT CLSClosed End (No feed) 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) CLSClosed End (No feed) 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)		
9 WIRE COLOR WHWhite BKBlack	10 WIRE TYPE CL2Class 2 CL2PPlenum Rated CL2P only available with bare wire leads (BW)	11 MOUNTING CCConcealed Clip	12 FINISH STSatin BKBlack WHWhite CUCustom	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 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.

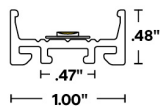
5 year warranty | Warranty only valid with QTL power supplies | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance



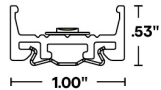
OPTI-OPTICS (02) RGB

24VDC Linear Fixtures - Surface & Recessed

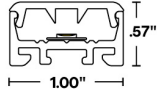
1 PRODUCT - DIMENSIONS



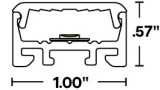
Profile



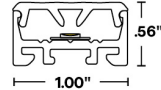
Profile with
concealed clip



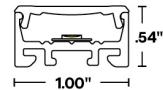
Profile with 40D lens



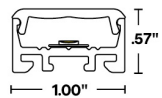
Profile with 60D lens



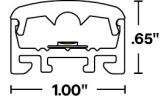
Profile with 70D lens



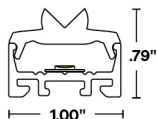
Profile with 90D lens



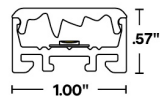
Profile with 110D lens



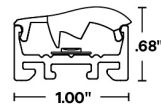
Profile with 155D lens



Profile with 180D lens



Profile with asymmetric lens



Profile with
forward throw lens

2 DELIVERED LUMENS

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

	Red		Green		Blue		All
	LM/FT	Wavelength	LM/FT	Wavelength	LM/FT	Wavelength	
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

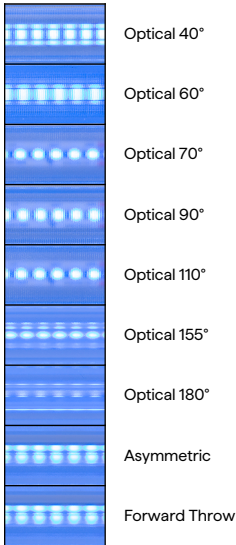


OPTI-OPTICS (02) RGB

24VDC Linear Fixtures - Surface & Recessed

5

DIODE VISIBILITY

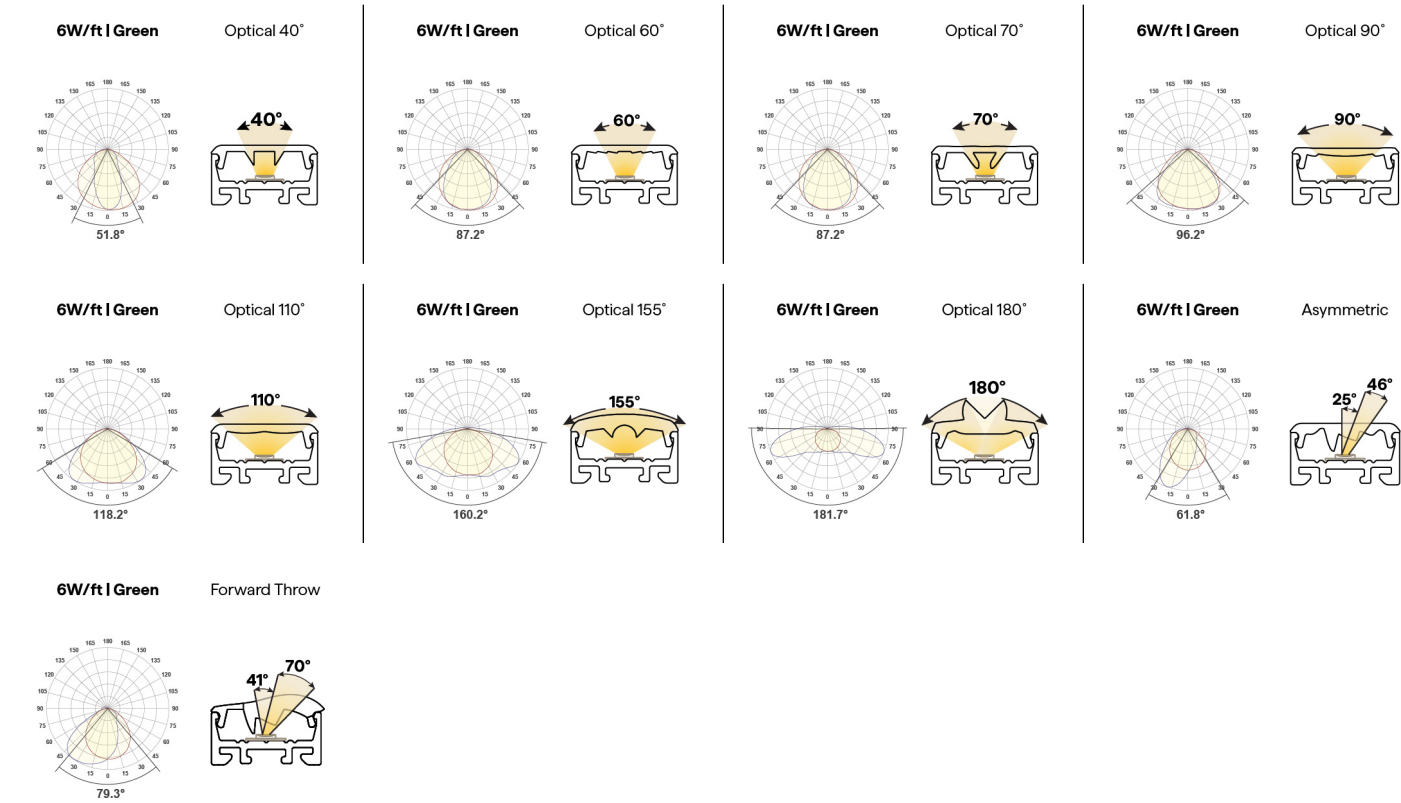


TEMPERATURE RATINGS

		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.



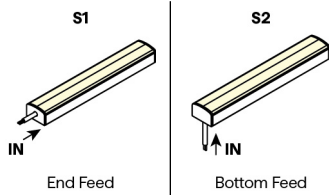


OPTI-OPTICS (02) RGB

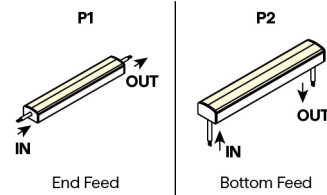
24VDC Linear Fixtures - Surface & Recessed

6 WIRE INPUT/OUTPUT

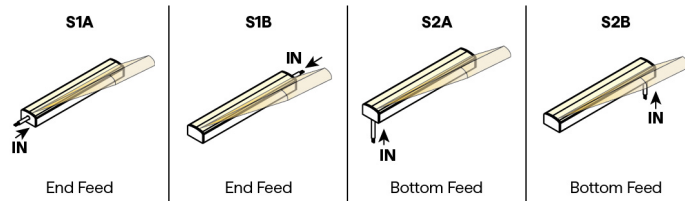
SINGLE (Input only)



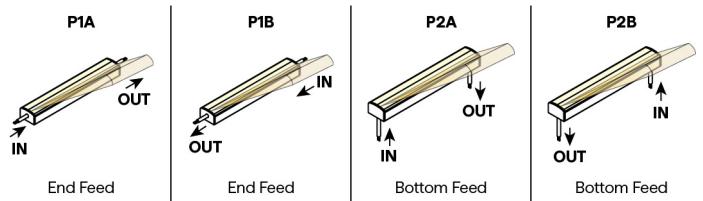
PASS THROUGH (Input/Output)



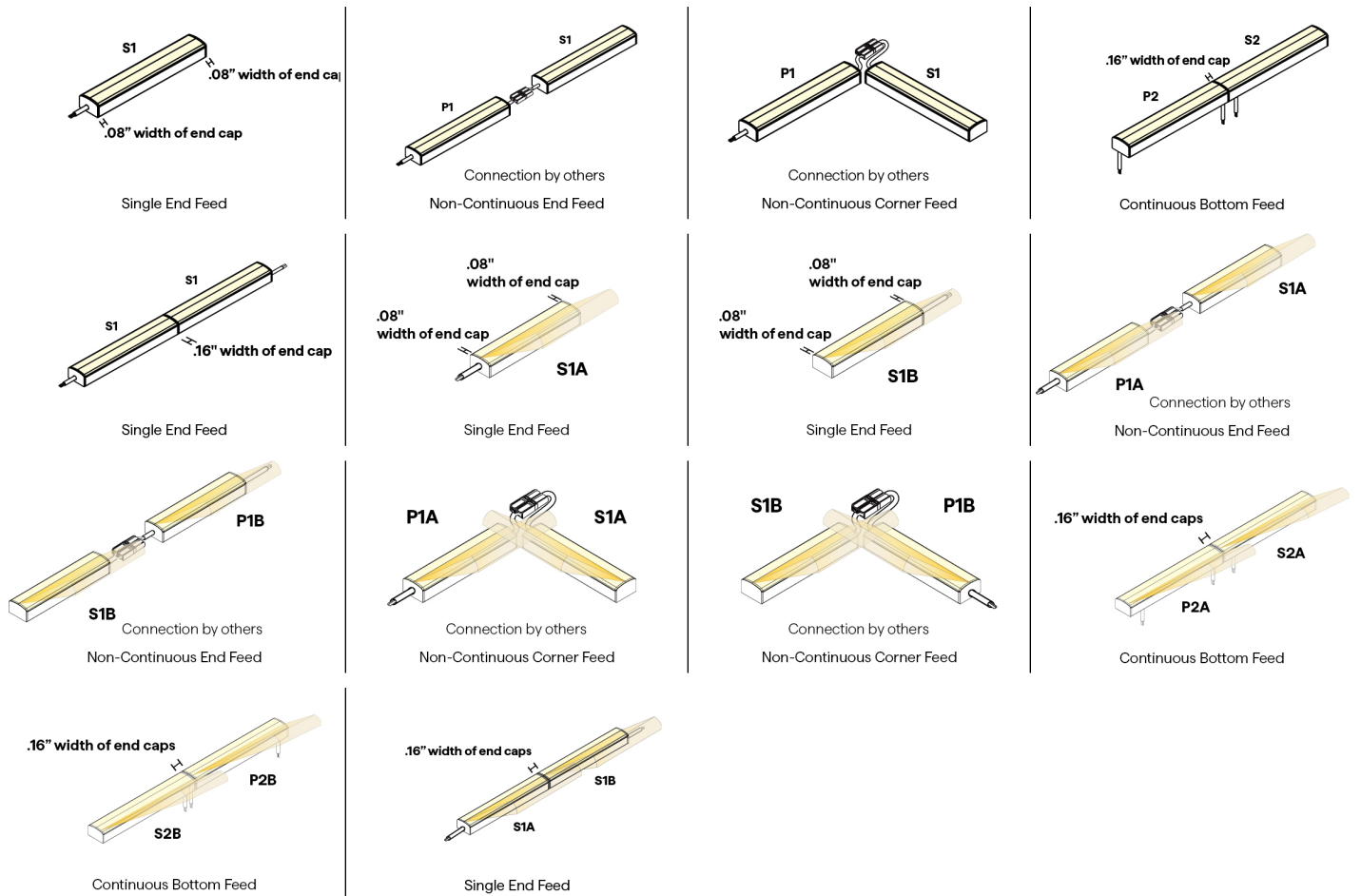
ASYMMETRIC ONLY SINGLE (Input only)



ASYMMETRIC ONLY PASS THROUGH (Input/Output)



CONFIGURATION OPTIONS

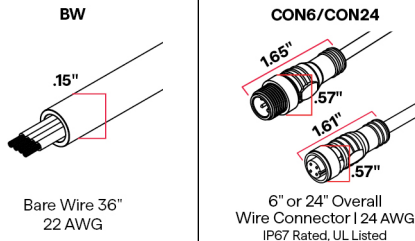




OPTI-OPTICS (02) RGB

24VDC Linear Fixtures - Surface & Recessed

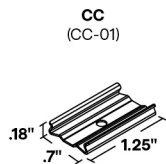
7 / 8 CONNECTOR/WIRE – IN/OUT



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

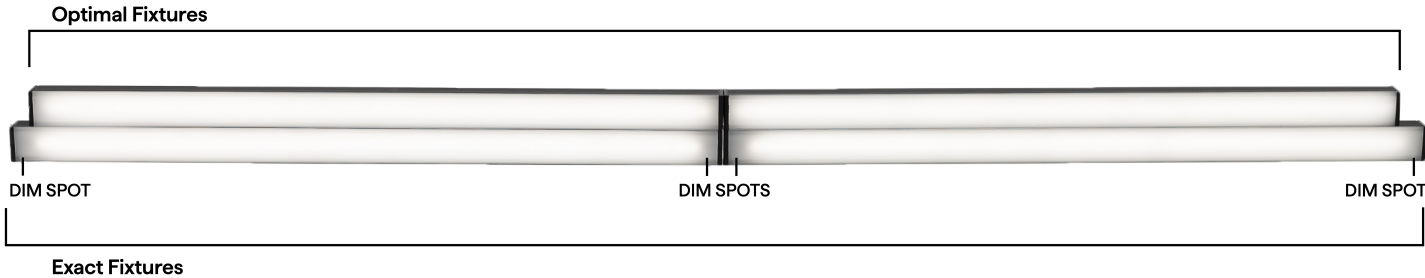
Each clips comes with a #4 x 5/8" Flat Head screw.

12 FINISH



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) 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 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"	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: 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"	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
SCENE App Dimmed	Non-Dim Power Supply with RGB App Dongle



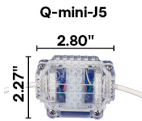
OPTI-OPTICS (02) RGB

24VDC Linear Fixtures - Surface & Recessed

COMPATIBLE MOUNTING ACCESSORIES

HINGE - HMB-M	HINGE - HMB-M	HINGE - HMB-M	HINGE - HMB-M	HINGE - HMB-M	HINGE - HMB-M	HINGE - HMB-M	HINGE - HMB-M	HINGE - HMB-M	HINGE - HMB-M
									
Adjustable mounting bracket - Medium	Adjustable mounting bracket - Medium	Adjustable mounting bracket - Medium	Adjustable mounting bracket - Medium	Adjustable mounting bracket - Medium	Adjustable mounting bracket - Medium	Adjustable mounting bracket - Medium	Adjustable mounting bracket - Medium	Adjustable mounting bracket - Medium	Adjustable mounting bracket - Medium
HINGE - HMB-M	HINGE - HMB-M	HINGE - HMB-M	HINGE - HMB-M	HINGE - HMB-M	HINGE - HMB-M	HINGE - HMB-M	HINGE - HMB-M	HINGE - HMB-M	HINGE - HMB-M
									
Adjustable mounting bracket - Medium	Adjustable mounting bracket - Medium	Adjustable mounting bracket - Medium	Adjustable mounting bracket - Medium	Adjustable mounting bracket - Medium	Adjustable mounting bracket - Medium	Adjustable mounting bracket - Medium	Adjustable mounting bracket - Medium	Adjustable mounting bracket - Medium	Adjustable mounting bracket - Medium
HINGE - HMB-M	HINGE - HMB-M	HINGE - HMB-M	HINGE - HMB-M	HINGE - HMB-M	HINGE - HMB-M	HINGE - HMB-M	HINGE - HMB-M	HINGE - HMB-M	HINGE - HMB-M
									
Adjustable mounting bracket - Medium	Adjustable mounting bracket - Medium	Adjustable mounting bracket - Medium	Adjustable mounting bracket - Medium	Adjustable mounting bracket - Medium	Adjustable mounting bracket - Medium	Adjustable mounting bracket - Medium	Adjustable mounting bracket - Medium	Adjustable mounting bracket - Medium	Adjustable mounting bracket - Medium

COMPATIBLE WIRING ACCESSORIES



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

COMPATIBLE CONTROL ACCESSORIES

SCENE APP DONGLE



Wi-Fi or Bluetooth Connectivity

COMPATIBLE APPS

