



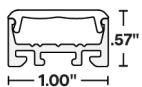
OPTI-OPTICS (02) RGB

24VDC Linear Fixtures - Surface & Recessed



5 YEAR
WARRANTY

Declare.



- 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 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	DRY							CC			

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

1 PRODUCT	2 WATTS/FT	3 CCT	4 RATED
OP2RGB See following pages for compatible power supplies.	6.0 6.0W/ft	RGB	DRY IP20
5 LENS	6 WIRE INPUT/OUTPUT	7 CONNECTOR/WIRE IN	8 CONNECTOR/WIRE OUT
40D 60D 70D 90D 110D 155D 180D Optical 40° Optical 60° Optical 70° Optical 90° Optical 110° Optical 155° Optical 180°	S1 S2 Single 1 (Input only) - End Feed Single 2 (Input only) - Bottom Feed For continuous mounting, consider bottom feed.	BW CON6 CON24 Bare Wire (Standard 36") Connector 6" Connector 24" BW: Standard length is 36". Max length is 120". Request custom length by writing in part number next to BW (example: BW48)	CLS Closed End (No feed)
ASYM FT Asymmetric Forward Throw For representation of LED visibility, see Diode Visibility section on following pages. For beam angles, see Photometric Performance section on following pages	P1 P2 P1 Pass Through 1 (Input/output) - End Feed P2 Pass Through 2 (Input/output) - Bottom Feed For continuous mounting, consider bottom feed.	BW CON6 CON24 Bare Wire (Standard 36") Connector 6" Connector 24" BW: Standard length is 36". Max length is 120". Request custom length by writing in part number next to BW (example: BW48)	BW CON6 CON24 Bare Wire (Standard 36") Connector 6" Connector 24" BW: Standard length is 36". Max length is 120". Request custom length by writing in part number next to BW (example: BW48)
S1A S1B S2A S2B Single 1 (Input only) - End Feed Single 1 (Input only) - End Feed Single 2 (Input only) - Bottom Feed Single 2 (Input only) - Bottom Feed For continuous mounting, consider bottom feed.	P1A P1B P2A P2B 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 For continuous mounting, consider bottom feed.	BW CON6 CON24 Bare Wire (Standard 36") Connector 6" Connector 24" BW: Standard length is 36". Max length is 120". Request custom length by writing in part number next to BW (example: BW48)	CLS Closed End (No feed)
9 WIRE COLOR	10 WIRE TYPE	11 MOUNTING	12 FINISH
WH White BK Black CL2P only available with bare wire leads (BW)	CL2 Class 2 CL2P Plenum Rated CL2P only available with bare wire leads (BW)	CC Concealed Clip	ST Satin BK Black WH White CU Custom
13 LENGTH (IN)	14 EXACT/OPTIMAL		
Minimum length is 12", maximum length is 98.43" not including end caps. Contact us for lengths under 12".	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.		

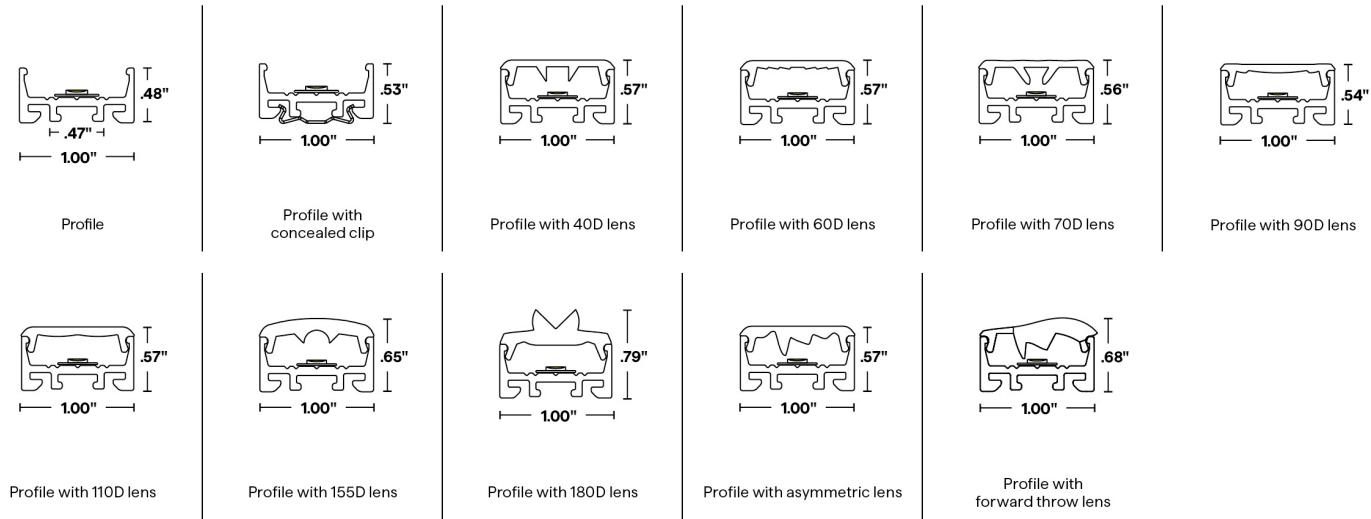
5 year warranty | Warranty only valid with QTL power supplies | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance



OPTI-OPTICS (O2) RGB

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1 PRODUCT - DIMENSIONS



2 DELIVERED LUMENS

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

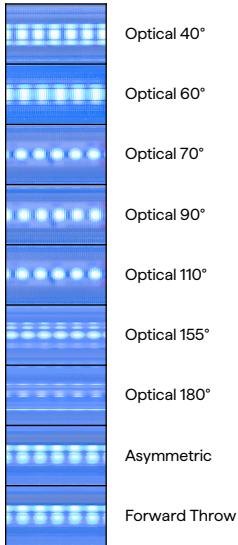
	Red		Green		Blue		All
	LM/FT	Wavelength	LM/FT	Wavelength	LM/FT	Wavelength	LM/FT
40D	64	631	182	523	54	469	292
60D	60	630	167	521	51	469	268
70D	62	631	173	519	52	469	278
90D	61	630	170	521	52	469	273
110D	59	631	165	522	49	469	265
155D	59	631	169	521	50	469	271
180D	60	631	168	521	50	469	270
ASYM	59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



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5 DIODE VISIBILITY

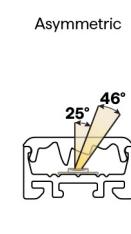
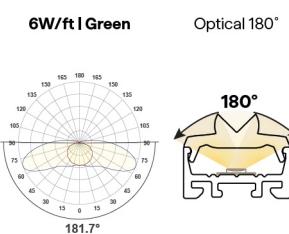
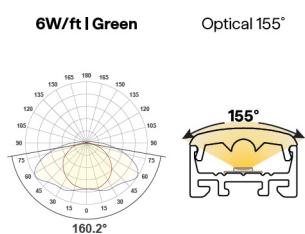
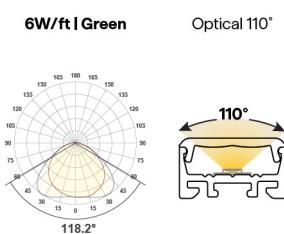
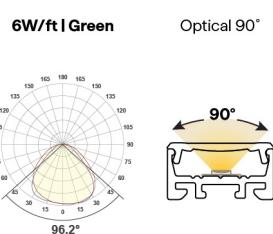
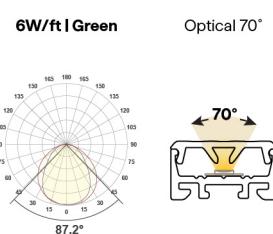
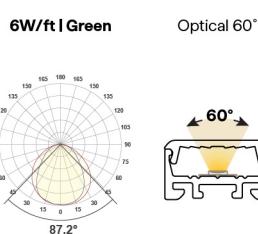
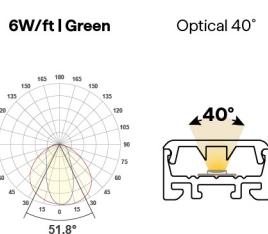


TEMPERATURE RATINGS

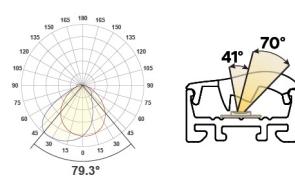
		6.0 W/FT	
DRY	Ambient Operating Temp - Surface	Min	Max
		-13°F	110°F

PHOTOMETRIC PERFORMANCE

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



6W/ft | Green Forward Throw



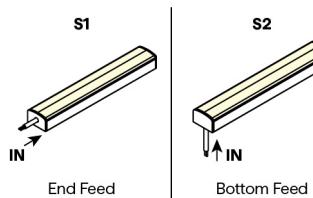


OPTI-OPTICS (02) RGB

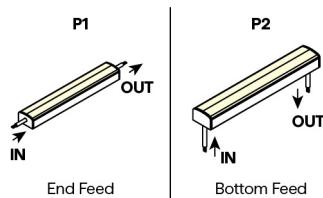
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6 WIRE INPUT/OUTPUT

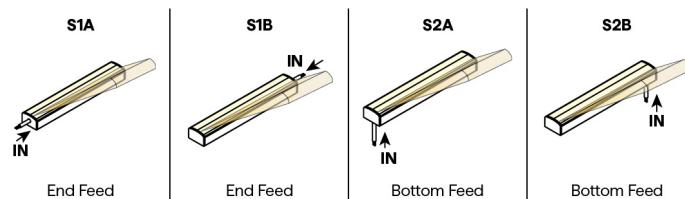
SINGLE (Input only)



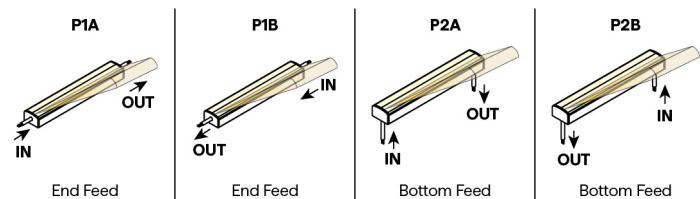
PASS THROUGH (Input/Output)



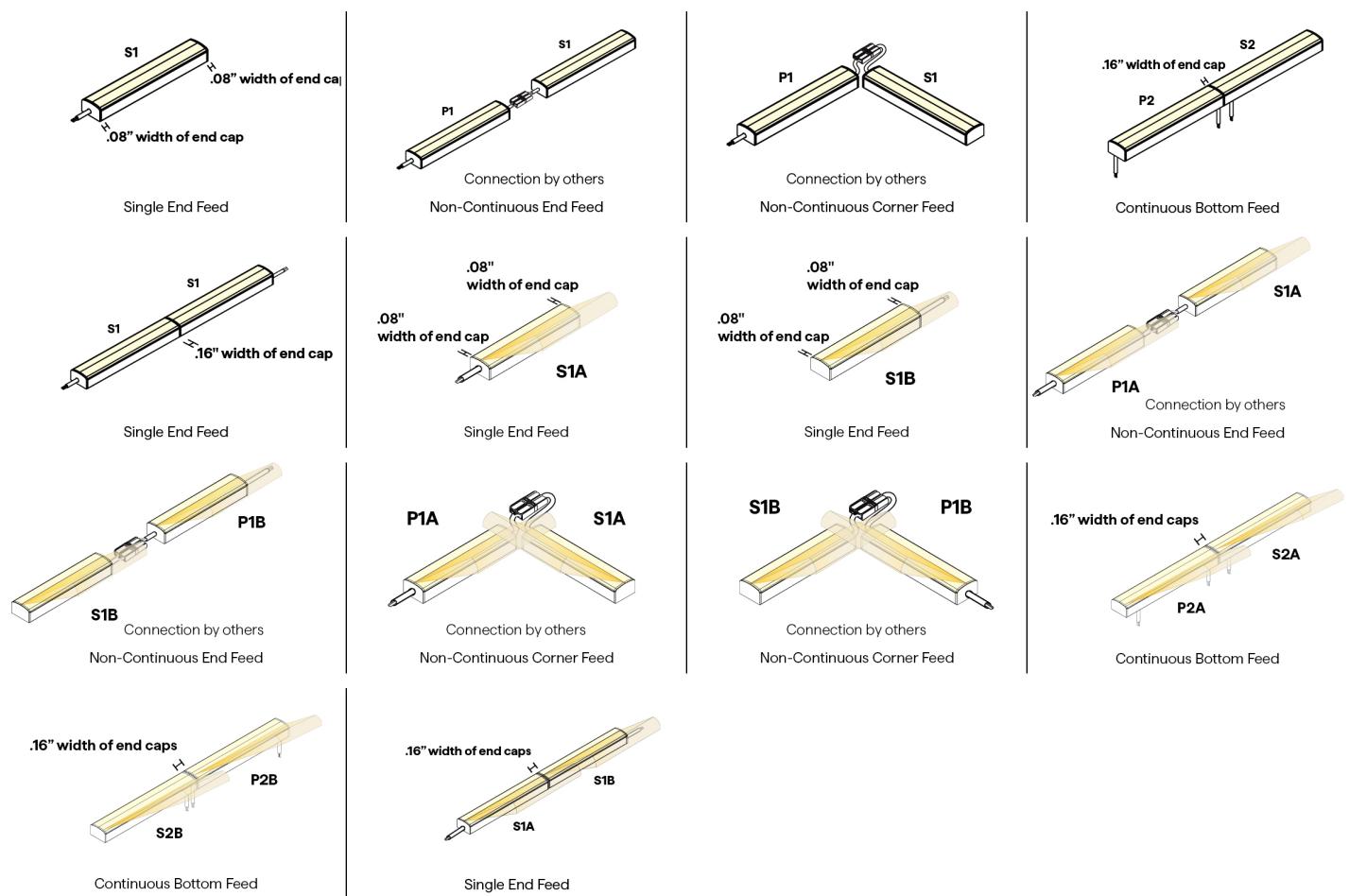
ASYMMETRIC ONLY SINGLE (Input only)



ASYMMETRIC ONLY PASS THROUGH (Input/Output)



CONFIGURATION OPTIONS

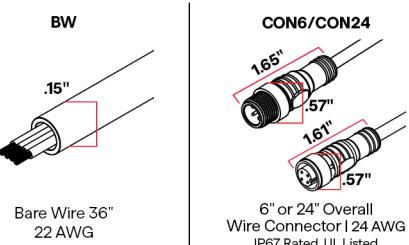




OPTI-OPTICS (02) RGB

24VDC Linear Fixtures - Surface & Recessed

7 / 8 CONNECTOR/WIRE – IN/OUT



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

Bare Wire 36"
22 AWG

9 WIRE COLOR

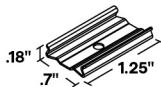


White

Black

11 MOUNTING

CC
(CC-01)



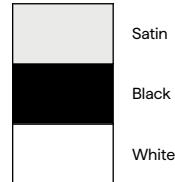
Concealed Clip

2 pieces of hardware provided
for 4' or less; 4 pieces of
hardware provided for greater
than 4'

To order separately use CC-01

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

12 FINISH



Satin

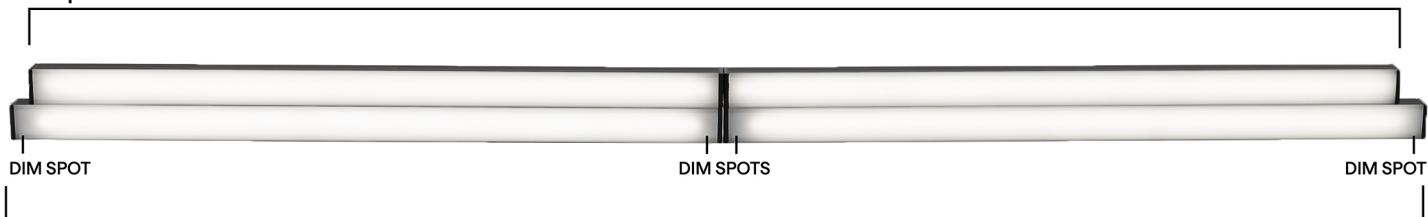
Black

White

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.

Optimal Fixtures



Exact Fixtures



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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 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	
SCENE App Dimmed	Non-Dim Power Supply with RGB App Dongle	



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COMPATIBLE MOUNTING ACCESSORIES

| HINGE - HMB-M |
|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| 1.41" .71" | 1.41" .71" | 1.41" .71" | 1.41" .71" | 1.41" .71" | 1.41" .71" | 1.41" .71" | 1.41" .71" | 1.41" .71" | 1.41" .71" | 1.41" .71" |
| Adjustable mounting bracket - Medium |
| HINGE - HMB-M |
| 1.41" .71" | 1.41" .71" | 1.41" .71" | 1.41" .71" | 1.41" .71" | 1.41" .71" | 1.41" .71" | 1.41" .71" | 1.41" .71" | 1.41" .71" | 1.41" .71" |
| Adjustable mounting bracket - Medium |
| HINGE - HMB-M |
| 1.41" .71" | 1.41" .71" | 1.41" .71" | 1.41" .71" | 1.41" .71" | 1.41" .71" | 1.41" .71" | 1.41" .71" | 1.41" .71" | 1.41" .71" | 1.41" .71" |
| 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

NFC APP



Read and write DMX addresses and adjust voltage