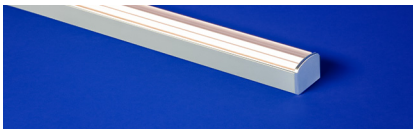
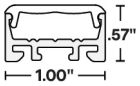
OPTI-OPTICS (02) RGB

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

INFORMATION REQUIRED FOR LIGHTING SCHEDULE

1 PRODUCT	2 WATTS/ FT	3 CCT	4 RATED	5 LENS
OP2RGB	6.0	RGB		

ADDITIONAL INFORMATION REQUIRED TO ORDER

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
					CC			

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

1 PRODUCT

OP2RGB

See following pages for compatible power supplies.

2 WATTS/FT

6.0 6.0W/ft

3 CCT

RGB

4 RATED

DRY IP20
DMP IP54

5 LENS

40D Optical 40°
60D Optical 60°
70D Optical 70°
90D Optical 90°
110D Optical 110°
155D Optical 155°
180D Optical 180°

ASYM Asymmetric
FT 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

6 WIRE INPUT/OUTPUT

SINGLE (Input only)
S1 End Feed
S2 Bottom Feed

PASS THROUGH (Input/Output)
P1 End Feed
P2 Bottom Feed

SINGLE (Input only)
S1A End Feed
S1B End Feed
S2A Bottom Feed
S2B Bottom Feed

PASS THROUGH (Input/Output)
P1A End Feed
P1B End Feed
P2A Bottom Feed
P2B Bottom Feed

For continuous mounting, consider bottom feed.

7 CONNECTOR/WIRE IN

BW Bare Wire (Standard 36")
CON6 Connector 6"
CON24 Connector 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

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"

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

WH White
BK Black

10 WIRE TYPE

CL2 Class 2
CL2P Plenum Rated

CL2P only available with bare wire leads (BW)

11 MOUNTING

CC Concealed Clip

12 FINISH

ST Satin
BK Black
WH White
CU Custom

Custom finishes have longer lead times. Non-RAL 9003 whites custom.

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

O Optimal Illumination
E Exact Specified Length

Exact fixtures are the exact length specified +0 -1/8". Optimal fixtures' length is rounded down with illumination end to end. See Exact/Optimal Fixture Length charts.

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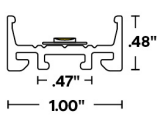
Specification subject to change. Rev-10-21-26

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

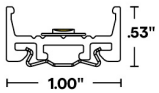
OPTI-OPTICS (02) RGB

24VDC Linear Fixtures - Surface & Recessed

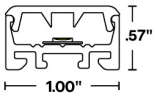
1 PRODUCT - DIMENSIONS



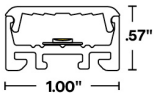
Profile



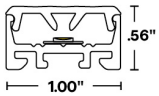
Profile with concealed clip



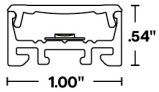
Profile with 40D lens



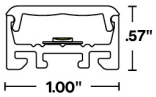
Profile with 60D lens



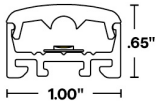
Profile with 70D lens



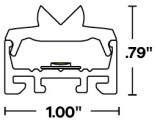
Profile with 90D lens



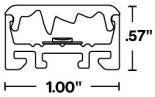
Profile with 110D lens



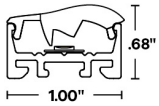
Profile with 155D lens



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

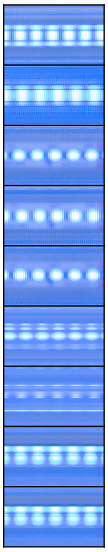
	Red		Green		Blue		All
	LM/FT	Wavelength	LM/FT	Wavelength	LM/FT	Wavelength	LM/FT
40D	64	631	182	523	54	469	292
60D	60	630	167	521	51	469	268
70D	62	631	173	519	52	469	278
90D	61	630	170	521	52	469	273
110D	59	631	165	522	49	469	265
155D	59	631	169	521	50	469	271
180D	60	631	168	521	50	469	270
ASYM	59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

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OPTI-OPTICS (02) RGB

24VDC Linear Fixtures - Surface & Recessed

5 DIODE VISIBILITY



Optical 40°

Optical 60°

Optical 70°

Optical 90°

Optical 110°

Optical 155°

Optical 180°

Asymmetric

Forward Throw

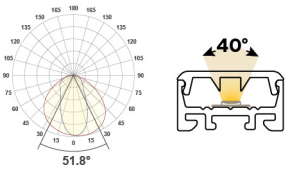
TEMPERATURE RATINGS

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

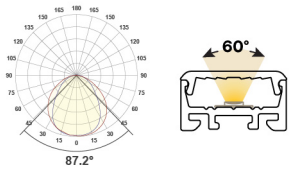
PHOTOMETRIC PERFORMANCE

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

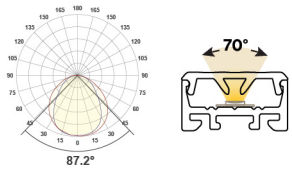
6W/ft | Green Optical 40°



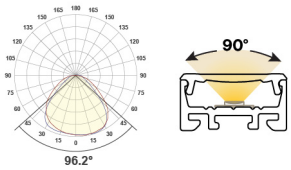
6W/ft | Green Optical 60°



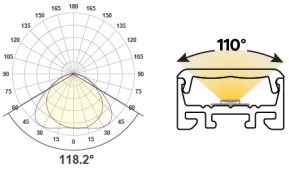
6W/ft | Green Optical 70°



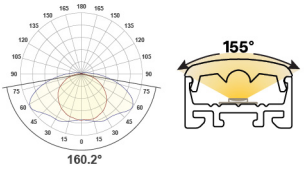
6W/ft | Green Optical 90°



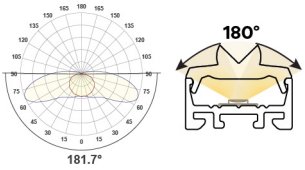
6W/ft | Green Optical 110°



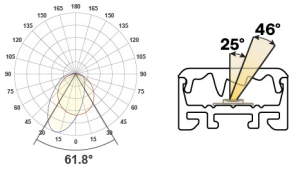
6W/ft | Green Optical 155°



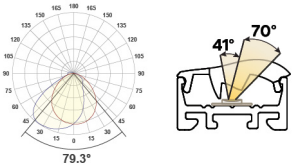
6W/ft | Green Optical 180°



6W/ft | Green Asymmetric



6W/ft | Green Forward Throw



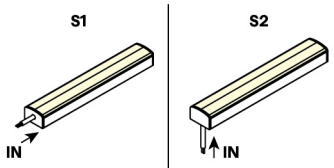
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OPTI-OPTICS (02) RGB

24VDC Linear Fixtures - Surface & Recessed

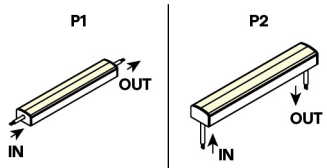
6 WIRE INPUT/OUTPUT

SINGLE (Input only)



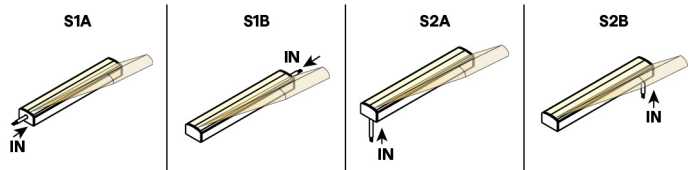
End Feed | Bottom Feed

PASS THROUGH (Input/Output)



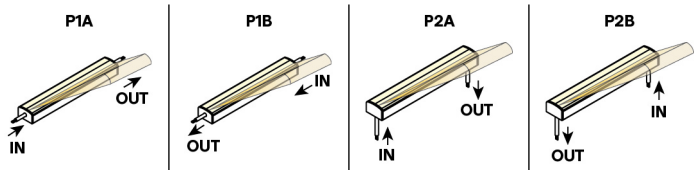
End Feed | Bottom Feed

ASYMMETRIC ONLY SINGLE (Input only)



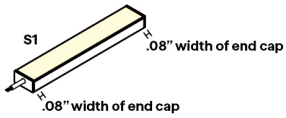
End Feed | End Feed | Bottom Feed | Bottom Feed

ASYMMETRIC ONLY PASS THROUGH (Input/Output)

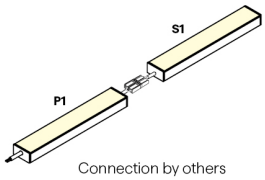


End Feed | End Feed | Bottom Feed | Bottom Feed

CONFIGURATION OPTIONS

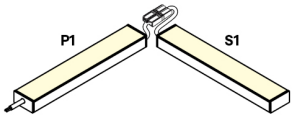


Single End Feed



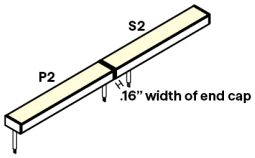
Connection by others

Non-Continuous End Feed

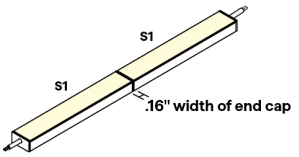


Connection by others

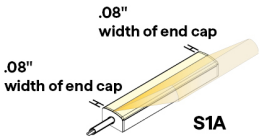
Non-Continuous Corner Feed



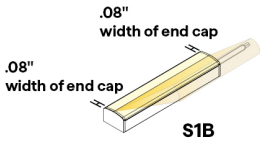
Continuous Bottom Feed



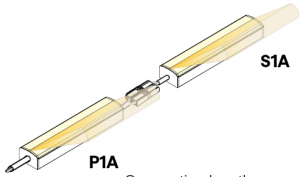
Single End Feed



Single End Feed

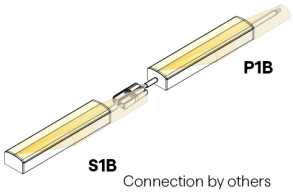


Single End Feed



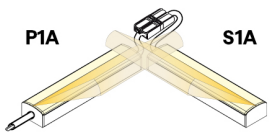
Connection by others

Non-Continuous End Feed



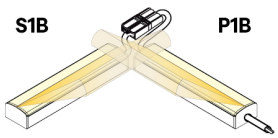
Connection by others

Non-Continuous End Feed



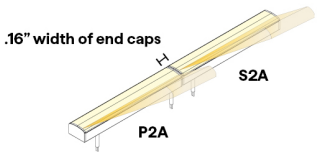
Connection by others

Non-Continuous Corner Feed

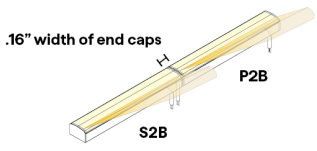


Connection by others

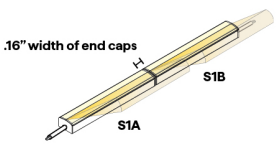
Non-Continuous Corner Feed



Continuous Bottom Feed



Continuous Bottom Feed



Single End Feed

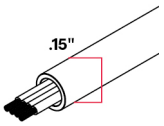
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OPTI-OPTICS (02) RGB

24VDC Linear Fixtures - Surface & Recessed

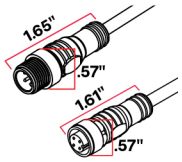
7/8 CONNECTOR/WIRE – IN/OUT

BW



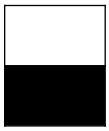
Bare Wire 36"
22 AWG

CON6/CON24



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

9 WIRE COLOR

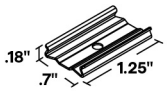


White

Black

11 MOUNTING

CC
(CC-01)



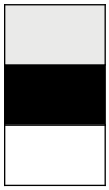
Concealed Clip

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

To order separately use CC-01 (sold in pairs)

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

12 FINISH



Satin

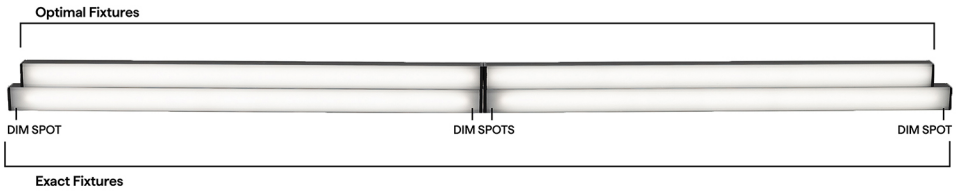
Black

White

Custom finishes have longer lead times. Non-RAL 9003 whites custom.

14 EXACT/OPTIMAL FIXTURE LENGTH

Exact fixtures are the exact length specified +0 -1/8". 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.



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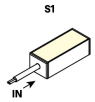
OPTI-OPTICS (02) RGB

24VDC Linear Fixtures - Surface & Recessed

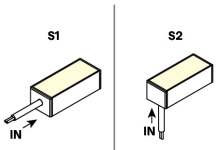
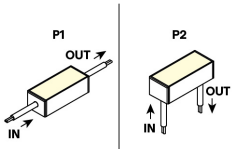
RGB DRY DMP LENGTHS BY INCH

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  End Feed
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  End Feed / Bottom Feed	P1 & P1A/B & P2 & P2A/B  End Feed / 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

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OPTI-OPTICS (02) RGB

24VDC Linear Fixtures - Surface & Recessed

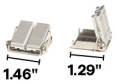
COMPATIBLE MOUNTING ACCESSORIES

HINGE - HMB-M



Adjustable mounting bracket - Medium

HINGE - HMB-L



Adjustable mounting bracket - Large

HINGE - HMB-XL



Adjustable mounting bracket - XLarge

Q-PIVOT



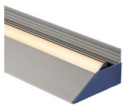
Small mounting accessory

Q-ANGLE



Adjustable mounting accessory

QUOVA-STANDARD



QUOVA Knife Edge

NJ-LARGE



J Mounting Bracket

NU-LARGE



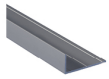
U Mounting Bracket

SD-J-LARGE



J Mounting Bracket

BL-LARGE



Backwards L Mounting Bracket

NL-LARGE



L Mounting Bracket

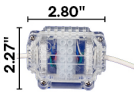
SD-L-LARGE



L Mounting Bracket

COMPATIBLE WIRING ACCESSORIES

Q-mini-J5



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

Q-NFC

Read and write DMX addresses and adjust voltage

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