VERS-ASYMMETRIC (09) RGB
24VDC Linear Fixtures - Surface & Recessed

white optics · cULus LISTED · RoHS COMPLIANT · EPD ENVIRONMENTAL PRODUCT DECLARATION · 5 YEAR WARRANTY · Declare. · Red List Approved

- When surface-mounted, this VERSatile fixture directs the light in an asymmetrical direction without having to angle the fixture, making it an excellent solution for illuminating artwork, signage, or even washing a ceiling detail.
- Features an extruded aymmetric lens with a proprietary diffusing agent that allows for light to be focused in a tight 45° beam that is shifted 30° off center
- Features integrated metal endcaps
- Mounting options include a concealed clip
- With an internal White Optics coating, the fixture achieves greater lumen output
- Durable anodized aluminum housings
- Consult factory for field assembly options
- Optional plastic louver accessory available in white or black for added glare control

INFORMATION REQUIRED FOR LIGHTING SCHEDULE

1 PRODUCT	2 WATTS/ FT	3 CCT	4 RATED	5 LENS	6 EXTERNAL LOUVER
VERS-09-RGB	6.0	RGB	DRY	ASYM	

ADDITIONAL INFORMATION REQUIRED TO ORDER

7 WIRE INPUT/ OUTPUT	8 CONNECTOR/ WIRE IN	9 CONNECTOR/ WIRE OUT	10 WIRE COLOR	11 WIRE TYPE	12 MOUNTING	13 FINISH	14 LENGTH (IN)	15 EXACT/ OPTIMAL

Sample Part Number: **VERS-09-RGB-6.0-RGB-DRY-ASYM-N/A-P1A-BW-BW-BK-CL2-CC-BK-48"-E**

1 PRODUCT
VERS-09-RGB

See following pages for compatible power supplies.

2 WATTS/FT
6.0 6.0W/ft

3 CCT
RGB

4 RATED
DRY IP20

5 LENS
ASYM Asymmetric

For representation of LED visibility, see Diode Visibility section on following pages. For beam angles, see Photometric Performance section on following pages

6 EXTERNAL LOUVER
L1-WH White Plastic
L1-BK Black Plastic
N/A No Louver

Plastic Louvers come in 12" lengths, multiple pieces will be used to match fixture length. White and custom painted finishes are not compatible with L2 external louvers.

7 WIRE INPUT/OUTPUT

SINGLE (Input only)
S1A End Feed
S1B End Feed
S2A Bottom Feed
S2B Bottom Feed
S3A Left Side Feed
S3B Left Side Feed
S4A Right Side Feed
S4B Right Side Feed

When using TBC Mounting, a bare wire S2A/A2B wire feed is recommended. See install instructions for details.

PASS THROUGH (Input/output)
P1A End Feed
P1B End Feed
P2A Bottom Feed
P2B Bottom Feed
P3A Left Side Feed
P3B Left Side Feed
P4A Right Side Feed
P4B Right Side Feed

When using TBC Mounting, a bare wire P2A/P2B wire feed is recommended. See install instructions for details.

8 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)

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 CONNECTOR/WIRE OUT
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)

10 WIRE COLOR
WH White
BK Black

11 WIRE TYPE
CL2 Class 2
CL2P Plenum Rated

CL2P only available with bare wire leads (BW)

12 MOUNTING
CC Concealed Clip
TBC-03 9/16" Flat TB-Grid
TBC-04 15/16" Flat or Tegular TB-Grid
TBC-05 9/16" Tegular TB-Grid

13 FINISH
ST Satin
BK Black
BZ Bronze
WH White
CU Custom

White and custom painted finishes are not compatible with external louvers

14 LENGTH (IN)
Minimum length is 12", maximum length is 98" not including end caps. Contact us for lengths under 12".

15 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. See Exact/Optimal Fixture Length charts.
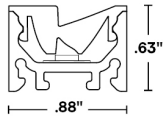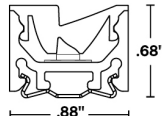
VERS-ASYMMETRIC (09) RGB
24VDC Linear Fixtures - Surface & Recessed

1 PRODUCT - DIMENSIONS

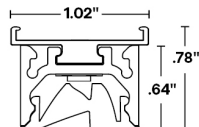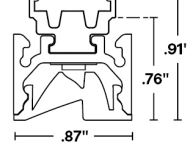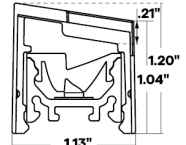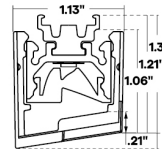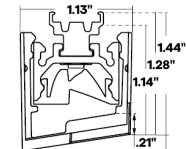|					
.63" / .88"	.68" / .88"	.77" / .64" / .87"	1.02" / .78" / .64"	.91" / .76" / .87"	.21" / 1.20" / 1.04" / 1.13"
Profile with lens	Profile with concealed clip	Profile with TBC-03	Profile with TBC-04	Profile with TBC-05	Profile with L1 Louver
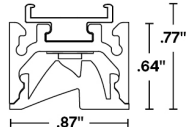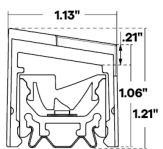
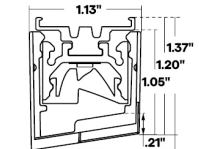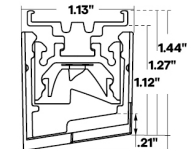|				
1.13" / .21" / 1.06" / 1.21"	1.13" / 1.37" / 1.21" / 1.06" / .21"	1.13" / 1.44" / 1.28" / 1.14" / .21"	1.13" / 1.37" / 1.20" / 1.05" / .21"	1.13" / 1.44" / 1.27" / 1.12" / .21"
Profile with concealed clip & L1 Louver	Profile with TBC-05 & L1 Louver	Profile with TBC-06 & L1 Louver	Profile with TBC-07 & L1 Louver	Profile with TBC-08 & L1 Louver

2 DELIVERED LUMENS

[Calculated L70 = 52000 hrs]
Tested with VERS-09-RGB-6.0-RGB-DRY

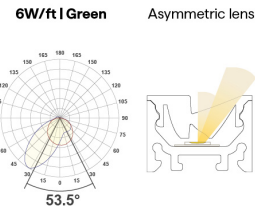|	Red		Green		Blue		All
	LM/FT	Wavelength	LM/FT	Wavelength	LM/FT	Wavelength	LM/FT
ASYM	83	631	163	523	45	470	262

5 DIODE VISIBILITY

ASYM - Asymmetric lens

PHOTOMETRIC PERFORMANCE

Nominal beam spread shown, beam spread varies based on light engine. For more detailed information, see photometric data.
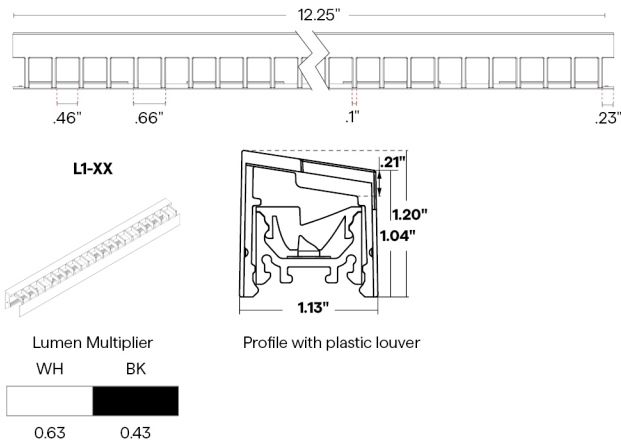
6W/ft | Green   Asymmetric lens

53.5°

TEMPERATURE RATINGS

		6.0 W/FT	
		Min	Max
DRY	Ambient Operating Temp - Surface	-13°F	105°F

6 EXTERNAL LOUVER

PLASTIC

12.25"
.46"   .66"   .1"   .23"

L1-XX

.21"
1.20"
1.04"
1.13"

Profile with plastic louver

Lumen Multiplier

WH	BK
0.63	0.43

7 WIRE INPUT/OUTPUT

ASYMMETRIC ONLY SINGLE (Input only)

S1A
IN
End Feed - Front

S1B
IN
End Feed - Back

S2A
IN
Bottom Feed - Front

S2B
IN
Bottom Feed - Back

S3A
IN
Side Feed Front Left

S3B
IN
Side Feed Back Left

S4A
IN
Side Feed Front Right

S4B
IN
Side Feed Back Right
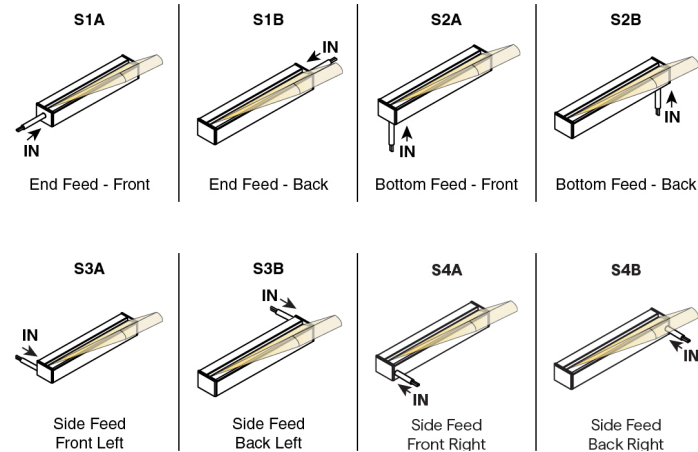
ASYMMETRIC ONLY PASS THROUGH (Input/Output)

P1A
OUT
IN
End Feed Front to Back

P1B
IN
OUT
End Feed Back to Front

P2A
OUT
IN
Bottom Feed Front to Back

P2B
IN
OUT
Bottom Feed Back to Front

P3A
IN
OUT
Side Feed Front Left to Back

P3B
IN
OUT
Side Feed Back Left to Front

P4A
OUT
IN
Side Feed Front Right to Back
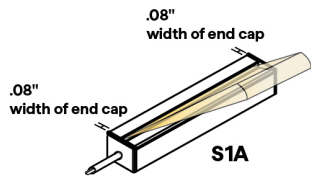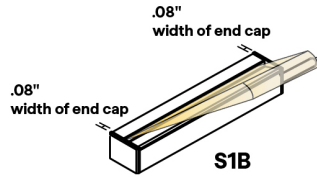
P4B
IN
OUT
Side Feed Back Right to Front
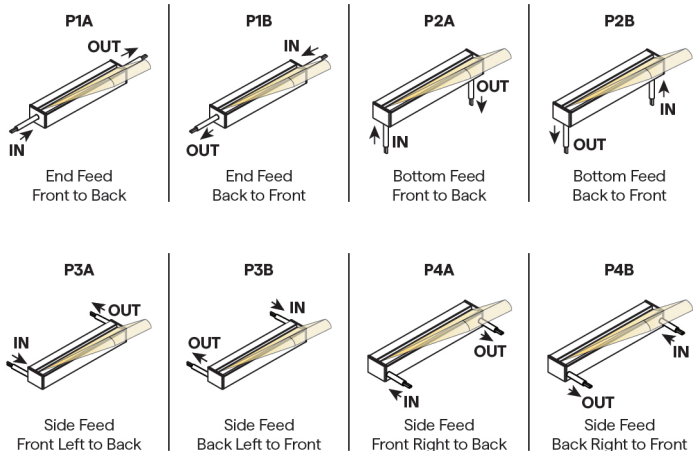
VERS-ASYMMETRIC (09) RGB
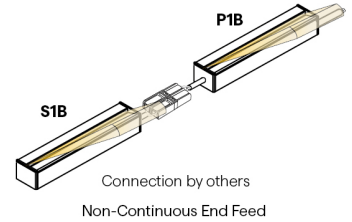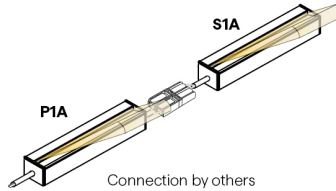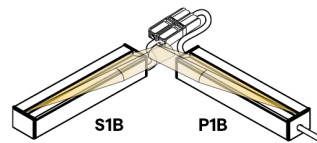## 24VDC Linear Fixtures - Surface & Recessed

CONFIGURATION OPTIONS
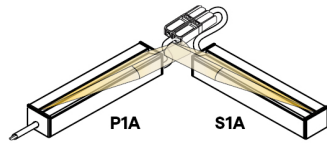
.08" width of end cap
.08" width of end cap
S1A

Single End Feed

.08" width of end cap
.08" width of end cap
S1B

Single End Feed

S1A
P1A
Connection by others
Non-Continuous End Feed

P1B
S1B
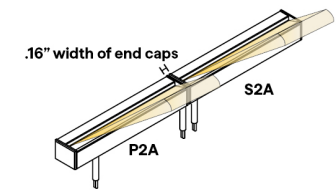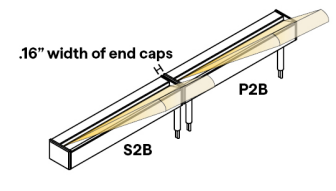Connection by others
Non-Continuous End Feed

P1A   S1A
Connection by others
Non-Continuous Corner Feed

S1B   P1B
Connection by others
Non-Continuous Corner Feed

.16" width of end caps
S2A
P2A
Continuous Bottom Feed

.16" width of end caps
P2B
S2B
Continuous Bottom Feed

S3A
.16" width of end caps
P3A
Continuous Side Feed - Left

P3B
.16" width of end caps
S3B
Continuous Side Feed - Left

.16" width of end caps
S4A
P4A
Continuous Side Feed - Right

.16" width of end caps
P4B
S4B
Continuous Side Feed - Right
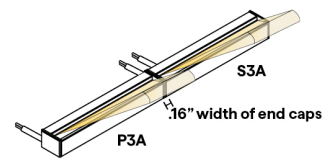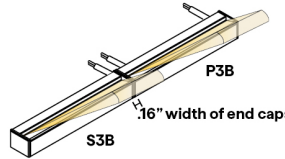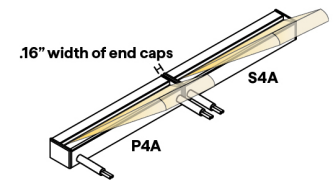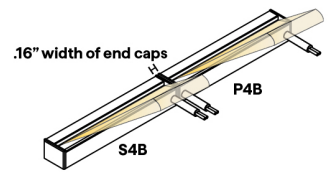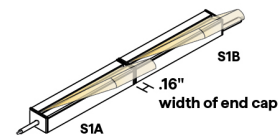
S1B
.16" width of end cap
S1A
Continuous End to End Feed

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⑧ / ⑨ CONNECTOR/WIRE – IN/OUT

Connector/Wire In or Out not needed to specify product.

BW
.14"
Bare Wire 24"
24 AWG
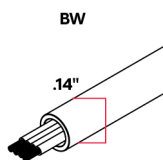
CON6/CON24
1.65"
.57"
1.61"
.57"
6" or 24" Overall
Wire Connector | 24 AWG
IP67 Rated, UL Listed

⑩ WIRE COLOR
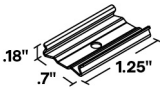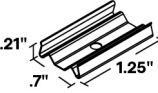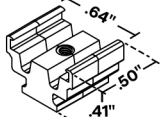
White

Black

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12 MOUNTING

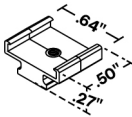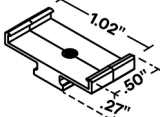| CC (CC-01)	CC (CC-02)	TBC-03	TBC-04	TBC-05
.18" .7" 1.25"	.21" .7" 1.25"	.64" .50" .27"	1.02" .50" .27"	.64" .50" .41"
Concealed Clip	Louver Concealed Clip *Required if L1 or L2 Louver is selected*	Plastic T-Bar Clip	Plastic T-Bar Clip	Plastic T-Bar Clip
2 pieces of hardware provided for 4' or less; 4 pieces of hardware provided for greater than 4'	2 pieces of hardware provided for 4' or less; 4 pieces of hardware provided for greater than 4'	Use on 9/16" Flat Drop Ceiling	Use on 15/16" Flat or Tegular Drop Ceiling	Use on 9/16" Tegular Drop Ceiling
To order separately use CC-01	To order separately use CC-02	2 clips provided for first 12"; 1 clip provided for each additional 12" or less length	2 clips provided for first 12"; 1 clip provided for each additional 12" or less length	2 clips provided for first 12"; 1 clip provided for each additional 12" or less length
Each clips comes with a #4 x 5/8" Flat Head screw.	Each clips comes with a #4 x 5/8" Flat Head screw.	To order separately use TBC-03	To order separately use TBC-04	To order separately use TBC-05
		Each pair of clips comes with M2.5 x 4mm set screw and Allen key	Each pair of clips comes with M2.5 x 4mm set screw and Allen key	Each pair of clips comes with M2.5 x 4mm set screw and Allen key

MOUNTING CONTINUED

MOUNTING CONTINUED

MOUNTING CONTINUED

13 FINISH

- Satin
- Black
- Bronze
- White

Custom color available

15 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

DIM SPOT   DIM SPOTS   DIM SPOT
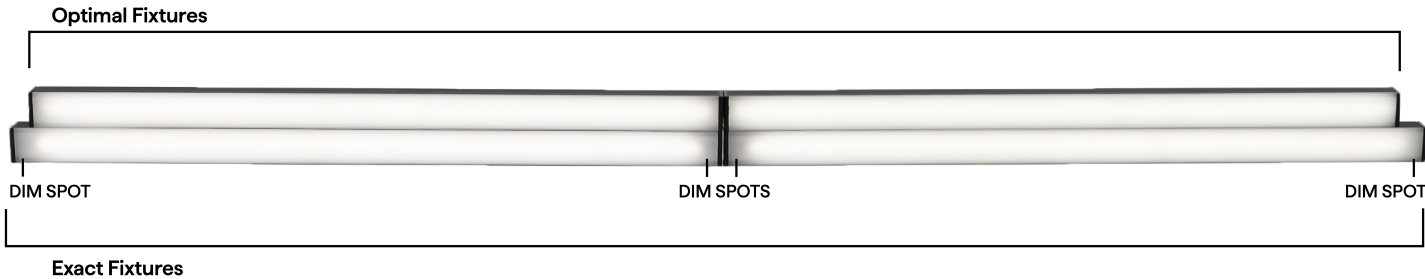
Exact Fixtures

RGB DRY LENGTHS BY INCH

Available in any length in between 12" and 98" 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	S1A/B & S2A/B	P1A/B & P2A/B	S3A/B & S4A/B	P3A/B & P4A/B
12"	10.59"	10.94"	10.49"	10.59"
13"	12.59"	12.94"	12.49"	12.59"
14"	12.59"	12.94"	12.49"	12.59"
15"	14.59"	14.94"	14.49"	14.59"
16"	14.59"	14.94"	14.49"	14.59"
17"	16.59"	16.94"	16.49"	16.59"
18"	16.59"	16.94"	16.49"	16.59"
19"	18.59"	18.94"	18.49"	18.59"
20"	18.59"	18.94"	18.49"	18.59"
21"	20.59"	20.94"	20.49"	20.59"
22"	20.59"	20.94"	20.49"	20.59"
23"	22.59"	22.94"	22.49"	22.59"
24"	22.59"	22.94"	22.49"	22.59"
36"	34.59"	34.94"	34.49"	34.59"
48"	46.59"	46.94"	46.49"	46.59"
60"	58.59"	58.94"	58.49"	58.59"
72"	70.59"	70.94"	70.49"	70.59"
84"	82.59"	82.94"	82.49"	82.59"
96"	94.59"	94.94"	94.49"	94.59"

Sub-columns for each group: S1 (End Feed) / S2 (Bottom Feed); P1 (End Feed) / P2 (Bottom Feed); S3 (Side Feed - Left) / S4 (Side Feed - Right); P3 (Side Feed - Left) / P4 (Side Feed - Right)

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		

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
1.41" .71" Adjustable mounting bracket - Medium	1.46" 1.29" Adjustable mounting bracket - Large	4" 1.46" Adjustable mounting bracket - XLarge	.75" 1.03" Small mounting accessory	2.23" 1.38" Adjustable mounting accessory	QUOVA Knife Edge	J Mounting Bracket	U Mounting Bracket	J Mounting Bracket	Backwards L Mounting Bracket

NL-LARGE	SD-L-LARGE
L Mounting Bracket	L Mounting Bracket

COMPATIBLE WIRING ACCESSORIES

Q-mini-J5

2.80" 2.27"
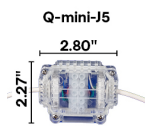
UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)

COMPATIBLE CONTROL ACCESSORIES

SCENE APP DONGLE

1.36" 2.58"

Wi-Fi or Bluetooth Connectivity

COMPATIBLE APPS

NFC APP

Q-NFC
BY QTL

Read and write
DMX addresses and
adjust voltage