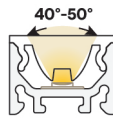
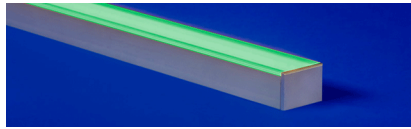




# VERS-OPTICS (05) RGB

24VDC Linear Fixtures - Surface & Recessed



- Optically enhanced VERSatile fixture provides precision beam control for when precision lighting is needed
- The high-quality lens features a proprietary diffusing agent for superior beam control and clean edges
- 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 external louver accessory available in white or black for added glare control

## INFORMATION REQUIRED FOR LIGHTING SCHEDULE

1	2	3	4	5	6
PRODUCT	WATTS/ FT	CCT	RATED	LENS	EXTERNAL LOUVER
VERS-05-RGB	6.0	RGB	DRY		

## ADDITIONAL INFORMATION REQUIRED TO ORDER

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

Sample Part Number: **VERS-05-RGB-6.0-RGB-DRY-40D-L1-BK-P1-BW-BW-BK-CL2-CC-BK-48"-E**

<b>1 PRODUCT</b> <b>VERS-05-RGB</b> See following pages for compatible power supplies.	<b>2 WATTS/FT</b> <b>6.0</b> 6.0W/ft	<b>3 CCT</b> <b>RGB</b>	<b>4 RATED</b> <b>DRY</b> IP20	<b>5 LENS</b> <b>40D</b> Optical 40° <b>50D</b> Optical 50° For representation of LED visibility, see Diode Visibility section on following pages. For beam angles, see Photometric Performance section on following pages.	<b>6 EXTERNAL LOUVER</b> <b>L1-WH</b> White Plastic <b>L1-BK</b> Black Plastic <b>L2-ST</b> Satin Anodized Aluminum <b>L2-BK</b> Black Anodized Aluminum <b>L2-WH</b> White Powder Coated Aluminum <b>N/A</b> No Louver  Plastic Louvers come in 12" lengths, multiple pieces will be used to match fixture length. Aluminum louvers come in maximum 98" lengths and will be cut to match fixture length. White and custom painted finishes are not compatible with L2 external louvers.			
<b>7 WIRE INPUT/OUTPUT</b> <b>SINGLE (Input only)</b> <b>S1</b> End Feed <b>S2</b> Bottom Feed <b>S3</b> Left Side Feed <b>S4</b> Right Side Feed  <b>PASS THROUGH (Input/output)</b> <b>P1</b> End Feed <b>P2</b> Bottom Feed <b>P3</b> Left Side Feed <b>P4</b> Right Side Feed	<b>8 CONNECTOR/WIRE IN</b> <b>BW</b> Bare Wire (Standard 36") <b>CON6</b> Connector 6" <b>CON24</b> Connector 24"  <b>BW</b> Bare Wire (Standard 36") <b>CON6</b> Connector 6" <b>CON24</b> Connector 24"	<b>9 CONNECTOR/WIRE OUT</b> <b>CLS</b> Closed End (No feed)  <b>BW</b> Bare Wire (Standard 36") <b>CON6</b> Connector 6" <b>CON24</b> Connector 24"	<b>10 WIRE COLOR</b> <b>WH</b> White <b>BK</b> Black	<b>11 WIRE TYPE</b> <b>CL2</b> Class 2 <b>CL2P</b> Plenum Rated  CL2P only available with bare wire leads (BW)	<b>12 MOUNTING</b> <b>CC</b> Concealed Clip <b>TBC-03</b> 9/16" Flat TB-Grid <b>TBC-04</b> 15/16" Flat or Tegular TB-Grid <b>TBC-05</b> 9/16" Tegular TB-Grid or 9/16" Flat TB-Grid, with External Louver <b>TBC-06</b> 9/16" Tegular TB-Grid, with External Louver <b>TBC-07</b> 15/16" Flat TB-Grid, with External Louver <b>TBC-08</b> 15/16" Tegular TB-Grid, with External Louver	<b>13 FINISH</b> <b>ST</b> Satin <b>BK</b> Black <b>BZ</b> Bronze <b>WH</b> White <b>CU</b> Custom  White and custom painted finishes are not compatible with external louvers. Custom finishes require a longer lead time, consult factory. Any white finish other than RAL 9003 must be custom ordered	<b>14 LENGTH (IN)</b> Minimum length is 12", maximum length is 98" not including end caps. Contact us for lengths under 12".	<b>15 EXACT/OPTIMAL</b> <b>O</b> Optimal Illumination <b>E</b> 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.

When using TBC Mounting, a bare wire S2 wire feed is recommended. See install instructions for details.

BW: Standard length is 36", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)

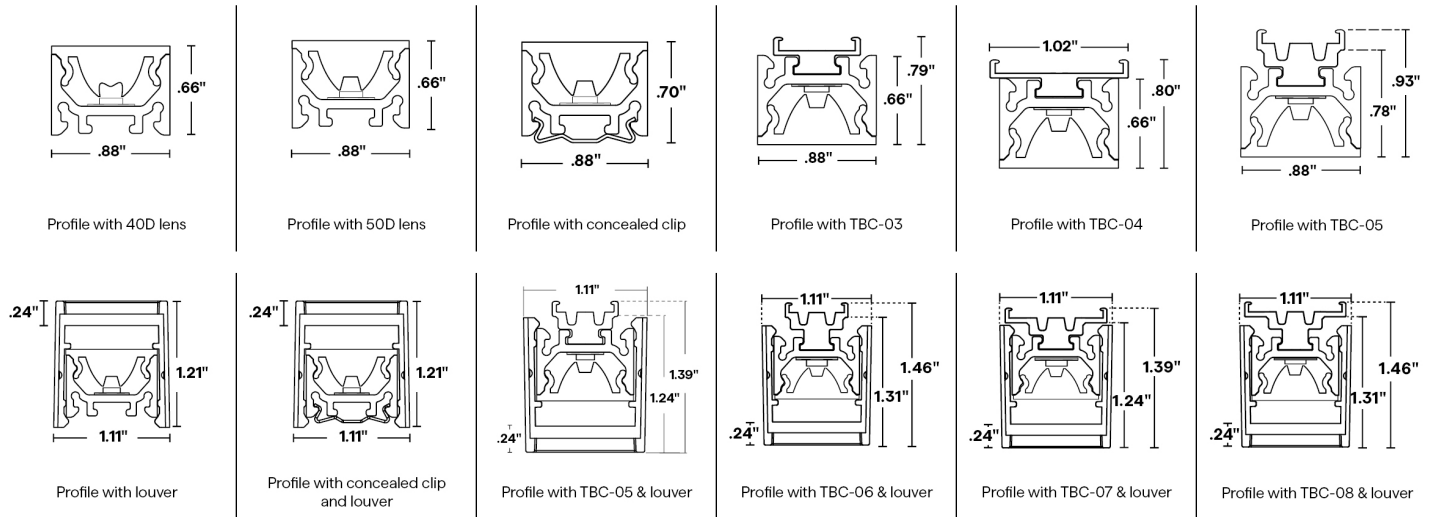
BW: Standard length is 36", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)



# VERS-OPTICS (05) RGB

24VDC Linear Fixtures - Surface & Recessed

## 1 PRODUCT - DIMENSIONS



## 2 DELIVERED LUMENS

[Calculated L70 = 52000 hrs]  
Tested with VERS-05-RGB-6.0-RGB-DRY

	Red		Green		Blue		All
	LM/FT	Wavelength	LM/FT	Wavelength	LM/FT	Wavelength	
40D	91	632	178	522	49	470	286
50D	93	632	182	523	49	470	292

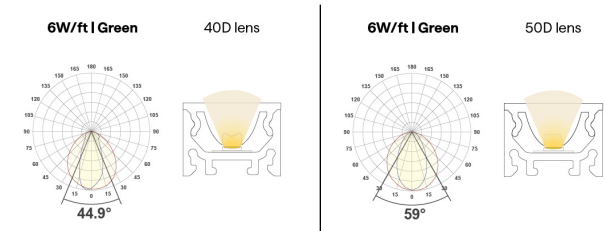
## 5 DIODE VISIBILITY



Optical lens

## PHOTOMETRIC PERFORMANCE

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





VERS-OPTICS (05) RGB

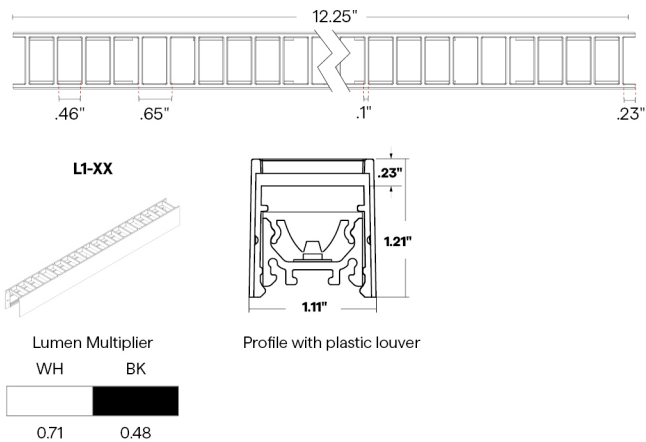
24VDC Linear Fixtures - Surface & Recessed

TEMPERATURE RATINGS

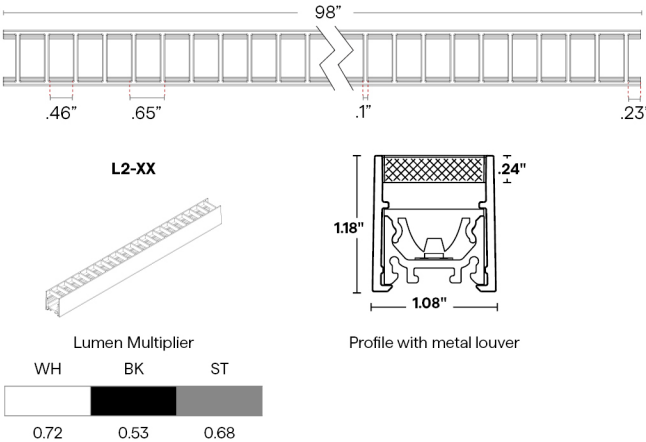
		6.0 W/FT	
		Min	Max
DRY	Ambient Operating Temp - Surface	-13°F	105°F

6 EXTERNAL LOUVER

PLASTIC

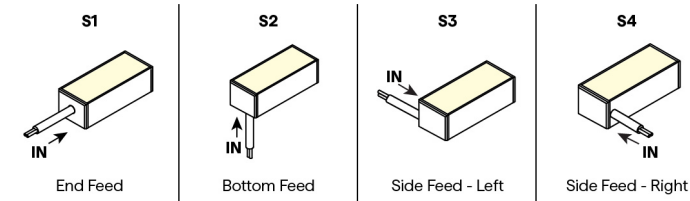


METAL

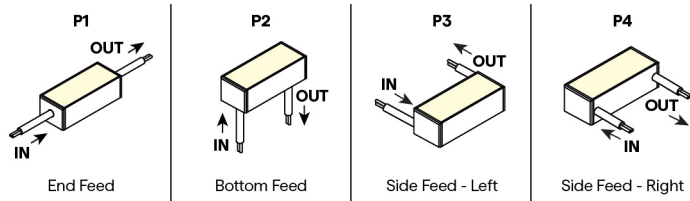


7 WIRE INPUT/OUTPUT

SINGLE (Input only)



PASS THROUGH (Input/Output)





# VERS-OPTICS (05) RGB

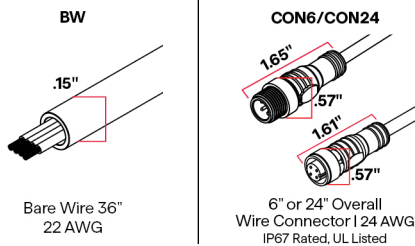
24VDC Linear Fixtures - Surface & Recessed

## CONFIGURATION OPTIONS

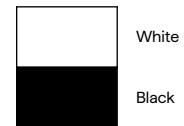


## 8 / 9 CONNECTOR/WIRE - IN/OUT

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



## 10 WIRE COLOR



## 12 MOUNTING

<p><b>CC</b> (CC-01)</p> <p>Concealed Clip</p> <p>2 pieces of hardware provided for 4' or less; 4 pieces of hardware provided for greater than 4'</p> <p>To order separately use CC-01 (sold in pairs)</p> <p>Each clips comes with a #4 x 5/8" Flat Head screw.</p>	<p><b>CC</b> (CC-02)</p> <p>Louver Concealed Clip Required if L1 or L2 Louver is selected</p> <p>2 pieces of hardware provided for 4' or less; 4 pieces of hardware provided for greater than 4'</p> <p>To order separately use CC-02 (sold in pairs)</p> <p>Each clips comes with a #4 x 5/8" Flat Head screw.</p>	<p><b>TBC-03</b></p> <p>Plastic T-Bar Clip</p> <p>Use on 9/16" Flat Drop Ceiling</p> <p>2 clips provided for first 12"; 1 clip provided for each additional 12" or less length. 1 T-Bar Mounting Jig included with each fixture.</p> <p>To order separately use TBC-03</p> <p>Each pair of clips comes with M2.5 x 4mm set screw and Allen key</p>	<p><b>TBC-04</b></p> <p>Plastic T-Bar Clip</p> <p>Use on 15/16" Flat or Tegular Drop Ceiling</p> <p>2 clips provided for first 12"; 1 clip provided for each additional 12" or less length. 1 T-Bar Mounting Jig included with each fixture.</p> <p>To order separately use TBC-04</p> <p>Each pair of clips comes with M2.5 x 4mm set screw and Allen key</p>	<p><b>TBC-05</b></p> <p>Plastic T-Bar Clip</p> <p>Use on 9/16" Tegular Drop Ceiling</p> <p>2 clips provided for first 12"; 1 clip provided for each additional 12" or less length. 1 T-Bar Mounting Jig included with each fixture.</p> <p>To order separately use TBC-05</p> <p>Each pair of clips comes with M2.5 x 4mm set screw and Allen key</p>
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VERS-OPTICS (05) RGB

24VDC Linear Fixtures - Surface & Recessed

MOUNTING CONTINUED

<div><div>TBC-06</div><div></div><div>Plastic T-Bar Clip</div></div> <div>Use with Louver on 9/16" Tegular Drop Ceiling</div> <div>2 clips provided for first 12"; 1 clip provided for each additional 12" or less length. 1 T-Bar Mounting Jig included with each fixture.</div> <div>To order separately use TBC-06</div> <div>Each pair of clips comes with M2.5 x 4mm set screw and Allen key</div>	<div><div>TBC-07</div><div></div><div>Plastic T-Bar Clip</div></div> <div>Use with Louver on 15/16" Flat Drop Ceiling</div> <div>2 clips provided for first 12"; 1 clip provided for each additional 12" or less length. 1 T-Bar Mounting Jig included with each fixture.</div> <div>To order separately use TBC-07</div> <div>Each pair of clips comes with M2.5 x 4mm set screw and Allen key</div>	<div><div>TBC-08</div><div></div><div>Plastic T-Bar Clip</div></div> <div>Use with Louver on 15/16" Tegular Drop Ceiling</div> <div>2 clips provided for first 12"; 1 clip provided for each additional 12" or less length. 1 T-Bar Mounting Jig included with each fixture.</div> <div>To order separately use TBC-08</div> <div>Each pair of clips comes with M2.5 x 4mm set screw and Allen key</div>
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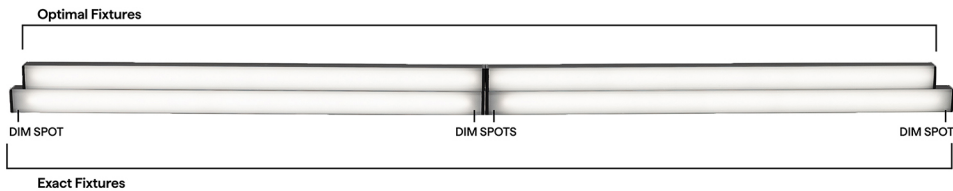
13 FINISH

	Satin
	Black
	Bronze
	White

Custom finishes require a longer lead time, consult factory

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.





VERS-OPTICS (05) RGB

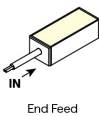
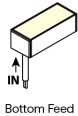
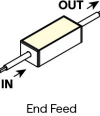
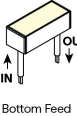
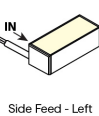
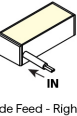
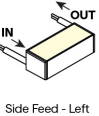
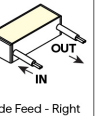
24VDC Linear Fixtures - Surface & Recessed

RGB DRY LENGTHS BY INCH

EXACT LENGTH

Requested Length	Potential dim spot on either end of a S1 fixture
	S1
	
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 & S2		P1 & P2		S3 & S4		P3 & P4	
	S1	S2	P1	P2	S3	S4	P3	P4
								
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"

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



# VERS-OPTICS (05) RGB

24VDC Linear Fixtures - Surface & Recessed

## COMPATIBLE MOUNTING ACCESSORIES

<b>HINGE - HMB-M</b>  1.41" .71" Adjustable mounting bracket - Medium	<b>HINGE - HMB-L</b>  1.46" 1.29" Adjustable mounting bracket - Large	<b>HINGE - HMB-XL</b>  1.46" 4" Adjustable mounting bracket - XLarge	<b>Q-PIVOT</b>  .75" 1.03" Small mounting accessory	<b>Q-ANGLE</b>  2.23" 1.38" Adjustable mounting accessory	<b>NJ-LARGE</b>  J Mounting Bracket	<b>NU-LARGE</b>  U Mounting Bracket	<b>SD-J-LARGE</b>  J Mounting Bracket	<b>BL-LARGE</b>  Backwards L Mounting Bracket	<b>NL-LARGE</b>  L Mounting Bracket
<b>SD-L-LARGE</b>  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