



# VERS-INSERT (08) RGBW

24VDC Linear Fixtures - Surface & Recessed

white  
optics

UL  
LISTED

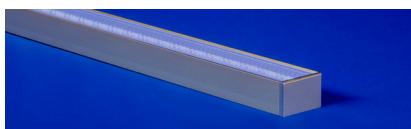
RoHS  
COMPLIANT

EPD  
ENVIRONMENTAL  
PRODUCT DECLARATION

5 YEAR  
WARRANTY

Declare

Red List  
Approved



- A VERSatile fixture with customizable options to meet the specific needs of various applications
- The batwing and prismatic lens options offer glare-reducing illumination
- 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
- Can be suitable for exterior use when specified as wet, contact factory for more information
- Optional external 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-08-RGBW					

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-08-RGBW-6.0-RGBW-30-DRY-GC-L1-BK-P1-BW-BW-BK-CL2-CC-BK-48"-E

<b>1</b> <b>PRODUCT</b> <b>VERS-08-RGBW</b> See following pages for compatible power supplies.	<b>2</b> <b>WATTS/FT</b> <b>6.0</b> 6.0W/ft <b>4.0HE</b> 4.0W/ft HE <b>8.0HE</b> 8.0W/ft HE <b>6.0</b> 6.0W/ft <b>4.0HE</b> 4.0W/ft HE <b>4.0HE</b> 4.0W/ft HE	<b>3</b> <b>CCT</b> <b>27</b> RGBW-2700K <b>30</b> RGBW-3000K <b>27</b> RGBW-2700K <b>30</b> RGBW-3000K <b>35</b> RGBW-3500K <b>40</b> RGBW-4000K <b>27</b> RGBW-2700K <b>30</b> RGBW-3000K <b>27</b> RGBW-2700K <b>30</b> RGBW-3000K <b>35</b> RGBW-3500K <b>40</b> RGBW-4000K <b>27</b> RGBW-2700K <b>30</b> RGBW-3000K <b>35</b> RGBW-3500K <b>40</b> RGBW-4000K	<b>4</b> <b>RATED</b> <b>DRY</b> IP20 <b>BAT</b> Batwing <b>GC</b> Glare Control <b>DMP</b> IP54 <b>WET</b> IP67	<b>5</b> <b>LENS</b> For representation of LED visibility, see Diode Visibility section on following pages. For beam angles, see Photometric Performance section on following pages	<b>6</b> <b>EXTERNAL LOUVER</b> L1-WH White Plastic L1-BK Black Plastic L2-ST Satin Anodized Aluminum L2-BK Black Anodized Aluminum L2-WH White Powder Coated Aluminum N/A 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</b> <b>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  When using TBC Mounting, a bare wire S2 wire feed is recommended. See install instructions for details.	<b>8</b> <b>CONNECTOR/WIRE IN</b> <b>BW</b> Bare Wire (Standard 36") <b>CON6</b> Connector 6" <b>CON24</b> Connector 24"  BW: Standard length is 36". Max length is 120". Request custom length by writing in part number next to BW (example: BW48)	<b>9</b> <b>CONNECTOR/WIRE OUT</b> <b>CLS</b> Closed End (No feed)	<b>10</b> <b>WIRE COLOR</b> <b>WH</b> White <b>BK</b> Black		
<b>11</b> <b>WIRE TYPE</b> <b>CL2</b> Class 2 <b>CL2P</b> Plenum Rated  CL2P only available with bare wire leads (BW)	<b>12</b> <b>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</b> <b>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.	<b>14</b> <b>LENGTH (IN)</b> Minimum length is 12", maximum length is 98" not including end caps. Contact us for lengths under 12".	<b>15</b> <b>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.	

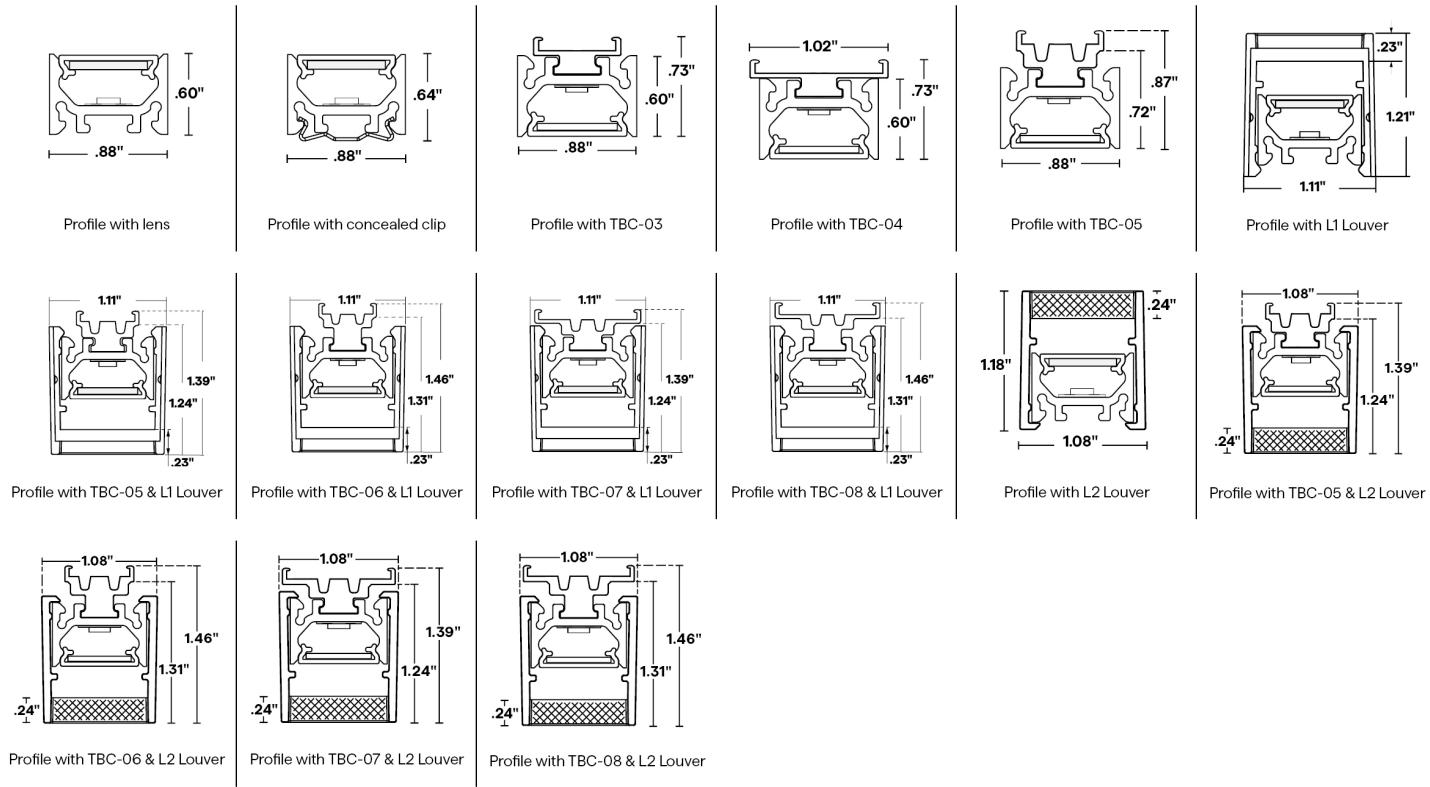
5 year warranty | Warranty only valid with QTL power supplies | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance



# VERS-INSERT (08) RGBW

## 24VDC Linear Fixtures - Surface & Recessed

### 1 PRODUCT - DIMENSIONS



### 2 DELIVERED LUMENS

[Calculated L70 = 51000 hrs]  
Tested with VERS-08-RGBW-\*\*-\*\*-DRY

	6.0 W/FT											
	3000K			Red			Green			Blue		
	LM/FT	CRI	UGR	LM/FT	Wavelength	UGR	LM/FT	Wavelength	UGR	LM/FT	Wavelength	UGR
BAT	116	93	N/A	33	631	N/A	88	514	N/A	27	464	N/A
GC	126	92	≤17.8	36	631	≤13.6	102	515	≤17.4	30	463	≤13.2
4.0HE W/FT												
	3000K			Red			Green			Blue		
	LM/FT	CRI	UGR	LM/FT	Wavelength	UGR	LM/FT	Wavelength	UGR	LM/FT	Wavelength	UGR
	BAT	70	98	N/A	22	630	N/A	98	522	N/A	25	469
GC	75	98	≤ 15.3	24	628	≤ 11.9	108	525	≤ 17	27	469	≤ 12.2



# VERS-INSERT (08) RGBW

## 24VDC Linear Fixtures - Surface & Recessed

### 5 DIODE VISIBILITY

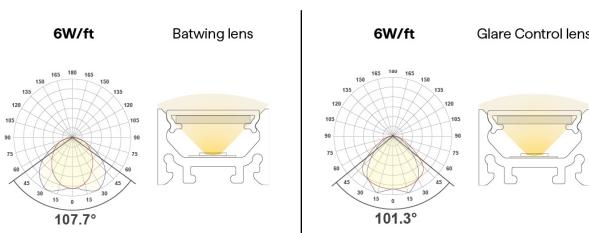


BAT - Batwing lens

GC - Glare Control lens

### PHOTOMETRIC PERFORMANCE

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

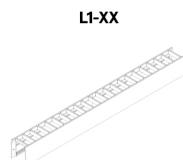
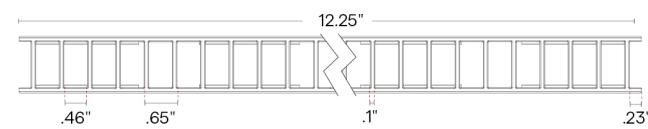


### TEMPERATURE RATINGS

		6.0 W/FT		4.0 HE W/FT		8.0 HE W/FT	
		Min	Max	Min	Max	Min	Max
DRY	Ambient Operating Temp - Surface	-4°F	115°F	-4°F	125°F	-4°F	110°F
DMP	Ambient Operating Temp - Surface	-4°F	110°F	-4°F	120°F	—	—
WET	Ambient Operating Temp - Surface	—	—	-4°F	120°F	—	—

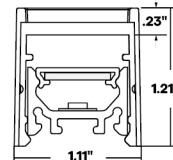
### 6 EXTERNAL LOUVER

#### PLASTIC



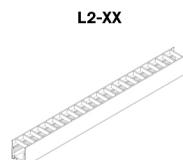
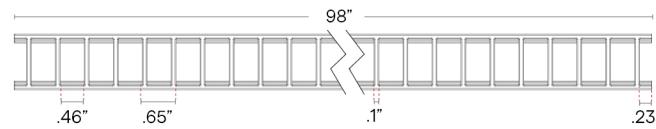
Lumen Multiplier

WH BK



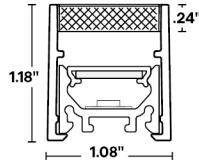
Profile with plastic louver

#### METAL



Lumen Multiplier

WH BK ST



Profile with metal louver

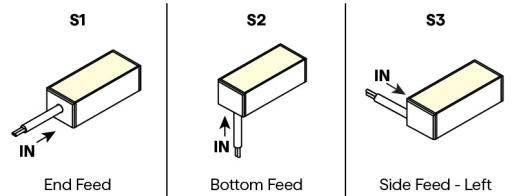


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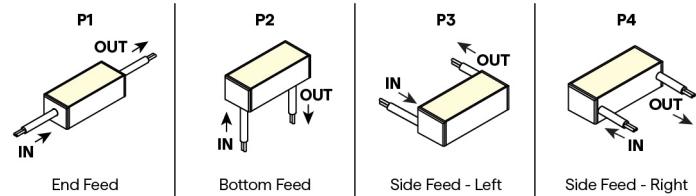
## 24VDC Linear Fixtures - Surface & Recessed

### 7 WIRE INPUT/OUTPUT

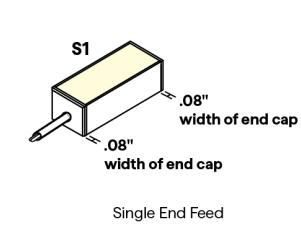
SINGLE (Input only)



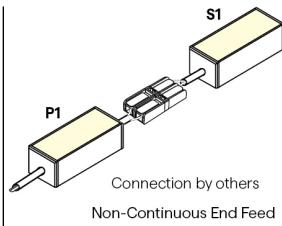
PASS THROUGH (Input/Output)



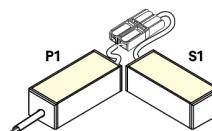
### CONFIGURATION OPTIONS



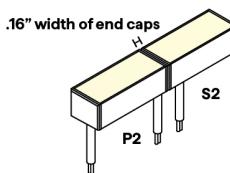
Single End Feed



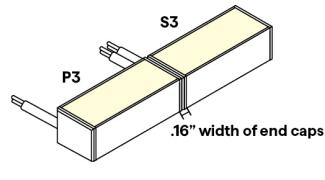
Connection by others  
Non-Continuous End Feed



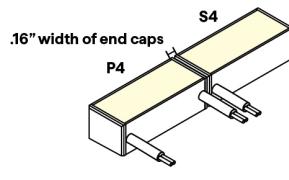
Connection by others  
Non-Continuous Corner Feed



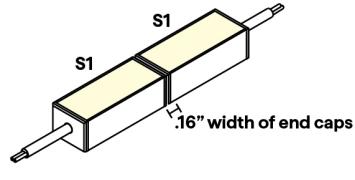
Continuous Bottom Feed



Continuous Side Feed - Left



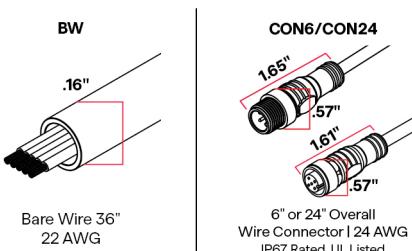
Continuous Side Feed - Right



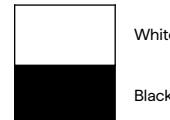
Continuous End to End Feed

### 8 / 9 CONNECTOR/WIRE – IN/OUT

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



### 10 WIRE COLOR



White

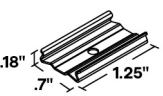
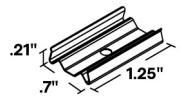
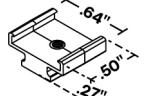
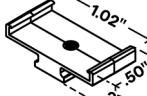
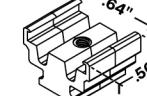
Black



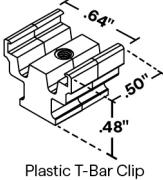
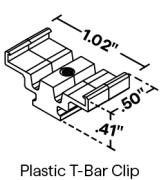
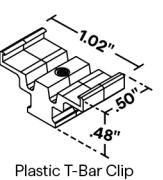
# VERS-INSERT (08) RGBW

## 24VDC Linear Fixtures - Surface & Recessed

### 12 MOUNTING

CC (CC-01)	CC (CC-02)	TBC-03	TBC-04	TBC-05
 .18" x .7" x 1.25" Concealed Clip	 .21" x .7" x 1.25" Louver Concealed Clip Required if L1 or L2 Louver is selected	 .64" x .50" x .27" Plastic T-Bar Clip	 .702" x .50" x .27" Plastic T-Bar Clip	 .64" x .50" x .41" Plastic T-Bar 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.	2 pieces of hardware provided for 4' or less; 4 pieces of hardware provided for greater than 4' To order separately use CC-02 Each clips comes with a #4 x 5/8" Flat Head screw.	Use on 9/16" Flat Drop Ceiling 2 clips provided for first 12"; 1 clip provided for each additional 12" or less length To order separately use TBC-03 Each pair of clips comes with M2.5 x 4mm set screw and Allen key	Use on 15/16" Flat or Tegular Drop Ceiling 2 clips provided for first 12"; 1 clip provided for each additional 12" or less length To order separately use TBC-04 Each pair of clips comes with M2.5 x 4mm set screw and Allen key	Use on 9/16" Tegular Drop Ceiling or with Louver on 9/16" Flat Drop Ceiling 2 clips provided for first 12"; 1 clip provided for each additional 12" or less length To order separately use TBC-05 Each pair of clips comes with M2.5 x 4mm set screw and Allen key

### MOUNTING CONTINUED

TBC-06	TBC-07	TBC-08
 .64" x .50" x .48" Plastic T-Bar Clip	 .702" x .50" x .41" Plastic T-Bar Clip	 .702" x .50" x .48" Plastic T-Bar Clip
Use with Louver on 9/16" Tegular Drop Ceiling 2 clips provided for first 12"; 1 clip provided for each additional 12" or less length To order separately use TBC-06 Each pair of clips comes with M2.5 x 4mm set screw and Allen key	Use with Louver on 15/16" Flat Drop Ceiling 2 clips provided for first 12"; 1 clip provided for each additional 12" or less length To order separately use TBC-07 Each pair of clips comes with M2.5 x 4mm set screw and Allen key	Use with Louver on 15/16" Tegular Drop Ceiling 2 clips provided for first 12"; 1 clip provided for each additional 12" or less length To order separately use TBC-08 Each pair of clips comes with M2.5 x 4mm set screw and Allen key

### 13 FINISH



Satin

Black

Bronze

White

Custom color available



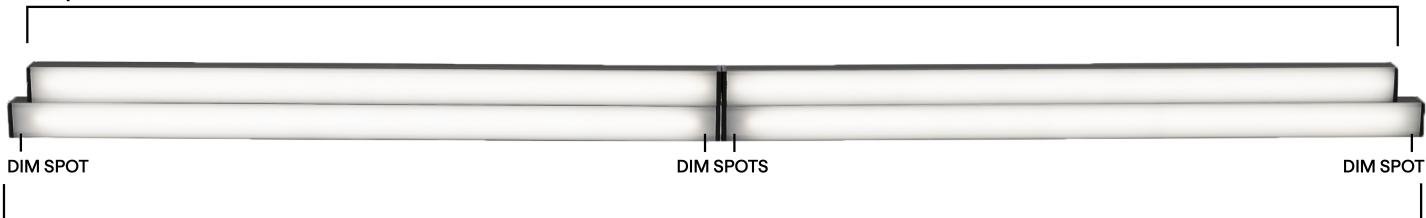
# VERS-INSERT (08) RGBW

## 24VDC Linear Fixtures - Surface & Recessed

### 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



#### Exact Fixtures

### RGBW DRY, DMP 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"	2"
13"	0.5"
14"	1"
15"	1.5"
16"	2"
17"	0.5"
18"	1"
19"	1.5"
20"	2"
21"	0.5"
22"	1"
23"	1.5"
24"	2"
36"	2"
48"	2"
60"	2"
72"	2"
84"	2"
96"	2"

#### OPTIMAL LENGTH: highlighted rows are closest to requested nominal length

Requested Nominal Length	S1 & S2	P1 & P2	S3 & S4	P3 & P4
12"	8.59"	8.94"	8.49"	8.59"
13"	12.59"	12.94"	12.49"	12.59"
14"	12.59"	12.94"	12.49"	12.59"
15"	12.59"	12.94"	12.49"	12.59"
16"	12.59"	12.94"	12.49"	12.59"
17"	16.59"	16.94"	16.49"	16.59"
18"	16.59"	16.94"	16.49"	16.59"
19"	16.59"	16.94"	16.49"	16.59"
20"	16.59"	16.94"	16.49"	16.59"
21"	20.59"	20.94"	20.49"	20.59"
22"	20.59"	20.94"	20.49"	20.59"
23"	20.59"	20.94"	20.49"	20.59"
24"	20.59"	20.94"	20.49"	20.59"
36"	32.59"	32.94"	32.49"	32.59"
48"	44.59"	44.94"	44.49"	44.59"
60"	56.59"	56.94"	56.49"	56.59"
72"	68.59"	68.94"	68.49"	68.59"
84"	80.59"	80.94"	80.49"	80.59"
96"	92.59"	92.94"	92.49"	92.59"



# VERS-INSERT (08) RGBW

## 24VDC Linear Fixtures - Surface & Recessed

### RGBW-HE DRY, DMP 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	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"

### RGBW-HE WET 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	S1 & S2	P1 & P2	S3 & S4	P3 & P4
12"	10.74"	11.14"	10.64"	10.84"
13"	12.74"	11.14"	12.64"	12.84"
14"	12.74"	13.14"	12.64"	12.84"
15"	14.74"	13.14"	14.64"	14.84"
16"	14.74"	15.14"	14.64"	14.84"
17"	16.74"	15.14"	16.64"	16.84"
18"	16.74"	17.14"	16.64"	16.84"
19"	18.74"	17.14"	18.64"	18.84"
20"	18.74"	19.14"	18.64"	18.84"
21"	20.74"	19.14"	20.64"	20.84"
22"	20.74"	21.14"	20.64"	20.84"
23"	22.74"	21.14"	22.64"	22.84"
24"	22.74"	23.14"	22.64"	22.84"
36"	34.74"	35.14"	34.64"	34.84"
48"	46.74"	47.14"	46.64"	46.84"
60"	58.74"	59.14"	58.64"	58.84"
72"	70.74"	71.14"	70.64"	70.84"
84"	82.74"	83.14"	82.64"	82.84"
96"	94.74"	95.14"	94.64"	94.84"



# VERS-INSERT (08) RGBW

## 24VDC Linear Fixtures - Surface & Recessed

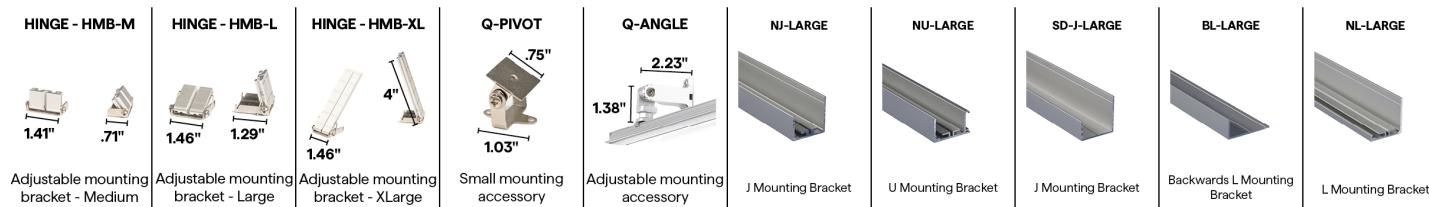
### COMPATIBLE POWER SUPPLIES

See power supplies cut sheets for more information. Data subject to change, all data has +/- 5% tolerance.

DIM TO LEVEL	INDOOR	OUTDOOR
	RGBW, RGBW-HE	RGBW, RGBW-HE
0.1%	QT-CAB-eLED+DALI-DT8 QT-CAB-eLED+DMX QTM-eLED+DALI-DT8 QTM-eLED+DMX QZ-DMX	Q-SET-QZ-DMX QOM-eLED+DALI-DT8 QOM-eLED+DMX QOM-eLED+PS-DALI-DT8 QZ-DMX
1%	QZ-DALI-DT8	Q-SET+QZ-DALI-DT8
10%	Non-Dim Power Supply with RGBW App Dongle	

DIMMING PROTOCOL	INDOOR	OUTDOOR
	RGBW, RGBW-HE	RGBW, RGBW-HE
DMX	QTM-eLED+DMX QZ-DMX	Q-SET-QZ-DMX QOM-eLED+DMX QZ-DMX
DALI-2: DT8	QT-CAB-eLED+DALI-DT8 QTM-eLED+DALI-DT8 QZ-DALI-DT8	Q-SET+QZ-DALI-DT8 QOM-eLED+DALI-DT8
SCENE App Dimmed	Non-Dim Power Supply with RGBW App Dongle	

### COMPATIBLE MOUNTING ACCESSORIES

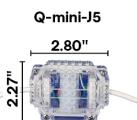


SD-L-LARGE



L Mounting Bracket

### COMPATIBLE WIRING ACCESSORIES



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



## VERS-INSERT (08) RGBW

### 24VDC Linear Fixtures - Surface & Recessed

## COMPATIBLE CONTROL ACCESSORIES

### SCENE APP DONGLE



Wi-Fi or Bluetooth  
Connectivity

## COMPATIBLE APPS

### NFC APP



Read and write  
DMX addresses and  
adjust voltage