

# VEVE-ENCAPSULATED (03)

Linear Fixtures



Perfect for applications when the light needs to be flush in a corner, VEV Encapsulated is now available as a fully assembled fixture. VEV Encapsulated LED strips encapsulated in a rigid extrusion providing a robust fixture for various environments.

## Part Number Builder

Static White



Product	W/FT	CCT	Rated	Efficiency	Lens	Input/Output	Connector/Wire In	Connector/Wire Out	Wire Color	Wire Type	Mounting	Finish	Length* (in)
VV3SW			ENC	STD									
Voltage: 24 VDC Typical lumens at 5.0W/ft with CL lens at 3000K: 264 lm/ft	1.5 3.0 4.0 5.0	24 27 30 35 40	ENC (IP67)	STD Standard	CL TL	S1 P1 Single (Closed exit) Pass through	BW BRL CON6 CON24 BW BRL CON6 CON24	CLS	WH BK N/A	CL2 CL2P N/A	SST MG	ST BK BZ	

\*Available in 1" increments, maximum length of 98.43" not including end caps. Tolerance +0.0"/-0.5. Minimum fixture length 6".

Static White High Efficacy



Product	W/FT	CCT	Rated	Efficiency	Lens	Input/Output	Connector/Wire In	Connector/Wire Out	Wire Color	Wire Type	Mounting	Finish	Length* (in)
VV3SW			ENC	STD									
Voltage: 24 VDC Typical lumens at 6.0W/ft with CL lens at 3000K: 478 lm/ft	1.5HE 3.0HE 6.0HE	24 27 30 35 40	ENC (IP67)	STD Standard	CL TL	S1 P1 Single (Closed exit)	BW BRL CON6 CON24 BW BRL CON6 CON24	CLS	WH BK N/A	CL2 CL2P N/A	SST MG	ST BK BZ	

\*Available in 2" increments, maximum length of 98.43" not including end caps. Tolerance +0.0"/-0.5. Minimum fixture length 6".

- If selecting **BRL**, select N/A for wire color and type
- **BW** comes in standard 24"- request custom length (Max 120") by writing it in inches next to "BW" in the order code box (ex. BW48)
- **Connector/Wire In or Out** not needed to specify product. Standard configuration is Type S1, Connector/Wire In: BW & Connector/Wire Out: CLS
- Specify **CL2P** for plenum rated wire

- 5 year warranty
- Field modifications void warranty
- Data subject to change, all data has +/- 5% tolerance
- Compatible for use with Q-Tran power supplies
- IK10 rated

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## Dynamic White



Product	W/FT	CCT	Rated	Efficiency	Lens	Input/ Output	Connector/ Wire In	Connector/ Wire Out	Wire Color	Wire Type	Mounting	Finish	Length* (in)
<b>VV3DW</b>	<b>6.0</b>	<b>24/30</b>	<b>ENC</b>	<b>STD</b>									
Voltage: 24 VDC	<b>6.0</b>	<b>24/30</b>	<b>ENC</b> (IP67)	<b>STD</b> Standard	<b>CL TL</b>	<b>S1</b> Single (Closed exit)	<b>BW CON6 CON24</b>	<b>CLS</b>	<b>WH BK</b>	<b>CL2 CL2P</b>	<b>SST MG</b>	<b>ST BK BZ</b>	
Typical lumens at 6.0W/ft with CL at 3000K: 164 lm/ft						<b>P1</b> Pass through	<b>BW CON6 CON24</b>	<b>BW CON6 CON24</b>					

\*Available in 2" increments, maximum length of 98.43" not including end caps. Tolerance +0.0"/-0.5. Minimum fixture length 6".

## Dynamic White High Efficacy



Product	W/FT	CCT	Rated	Efficiency	Lens	Input/ Output	Connector/ Wire In	Connector/ Wire Out	Wire Color	Wire Type	Mounting	Finish	Length* (in)
<b>VV3DW</b>			<b>ENC</b>	<b>STD</b>									
Voltage: 24 VDC	<b>3.0HE</b> <b>5.0HE</b>	<b>24/30</b> <b>27/40</b>	<b>ENC</b> (IP67)	<b>STD</b> Standard	<b>CL TL</b>	<b>S1</b> Single (Closed exit)	<b>BW CON6 CON24</b>	<b>CLS</b>	<b>WH BK</b>	<b>CL2 CL2P</b>	<b>SST MG</b>	<b>ST BK BZ</b>	
Typical lumens at 5.0W/ft with CL at 3000K: 178 lm/ft						<b>P1</b> Pass through	<b>BW CON6 CON24</b>	<b>BW CON6 CON24</b>					

\*Available in 2" increments, maximum length of 98.43" not including end caps. Tolerance +0.0"/-0.5. Minimum fixture length 6".

## Static Color



Product	W/FT	CCT	Rated	Efficiency	Lens	Input/ Output	Connector/ Wire In	Connector/ Wire Out	Wire Color	Wire Type	Mounting	Finish	Length* (in)
<b>VV3SC</b>	<b>5.0</b>		<b>ENC</b>	<b>STD</b>									
Voltage: 24 VDC	<b>5.0</b>	<b>GR BL RD AB</b>	<b>ENC</b> (IP67)	<b>STD</b> Standard	<b>CL TL</b>	<b>S1</b> Single (Closed exit)	<b>BW BRL CON6 CON24</b>	<b>CLS</b>	<b>WH BK N/A</b>	<b>CL2 CL2P N/A</b>	<b>SST MG</b>	<b>ST BK BZ</b>	
Typical lumens at 5.0W/ft with CL in green: 330 lm/ft						<b>P1</b> Pass through	<b>BW BRL CON6 CON24</b>	<b>BW BRL CON6 CON24</b>					

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- If selecting **BRL**, select N/A for wire color and type
- **BW** comes in standard 24"- request custom length (Max 120") by writing it in inches next to "BW" in the order code box (ex. BW48)
- **Connector/Wire In or Out** not needed to specify product. Standard configuration is Type S1, Connector/Wire In: BW & Connector/Wire Out: CLS
- Specify **CL2P** for plenum rated wire

- 5 year warranty
- Field modifications void warranty
- Data subject to change, all data has +/- 5% tolerance
- Compatible for use with Q-Tran power supplies
- Florida Fish and Wildlife Conservation Commission (FWC) rated Strips: DRY and WET rated, Red and Amber
- IK10 rated

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RGB **5 YEAR WARRANTY**

Product	W/FT	CCT	Rated	Efficiency	Lens	Input/Output	Connector/Wire In	Connector/Wire Out	Wire Color	Wire Type	Mounting	Finish	Length* (in)
<b>VV3RGB</b>	<b>6.0</b>	<b>RGB</b>	<b>ENC</b>	<b>STD</b>									
Voltage: 24 VDC	<b>6.0</b>	<b>RGB</b>	<b>ENC (IP67)</b>	<b>STD Standard</b>	<b>CL TL</b>	<b>S1</b> Single (Closed exit)	<b>BW CON6 CON24</b>	<b>CLS</b>	<b>WH BK</b>	<b>CL2 CL2P</b>	<b>SST MG</b>	<b>ST BK BZ</b>	
Typical lumens at 6.0W/ft with CL in green: 140 lm/ft													

\*Available in 2" increments, maximum length of 98.43" not including end caps. Tolerance +0.0"/-0.5. Minimum fixture length 6".

RGBW **5 YEAR WARRANTY**

Product	W/FT	CCT	Rated	Efficiency	Lens	Input/Output	Connector/Wire In	Connector/Wire Out	Wire Color	Wire Type	Mounting	Finish	Length* (in)
<b>VV3RGBW</b>	<b>6.0</b>		<b>ENC</b>	<b>STD</b>									
Voltage: 24 VDC	<b>6.0</b>	<b>27 30</b>	<b>ENC (IP67)</b>	<b>STD Standard</b>	<b>CL TL</b>	<b>S1</b> Single (Closed exit)	<b>BW CON6 CON24</b>	<b>CLS</b>	<b>WH BK</b>	<b>CL2 CL2P</b>	<b>SST MG</b>	<b>ST BK BZ</b>	
Typical lumens at 4.0W/ft with CL lens at 3000K: 102 lm/ft													

\*Available in 4" increments, maximum length of 98.43" not including end caps. Tolerance +0.0"/-0.5. Minimum fixture length 6".

RGBW High Efficacy **5 YEAR WARRANTY**

Product	W/FT	CCT	Rated	Efficiency	Lens	Input/Output	Connector/Wire In	Connector/Wire Out	Wire Color	Wire Type	Mounting	Finish	Length* (in)
<b>VV3RGBW</b>	<b>4.0HE</b>		<b>ENC</b>	<b>STD</b>									
Voltage: 24 VDC	<b>4.0HE</b>	<b>27 30 35 40</b>	<b>ENC (IP67)</b>	<b>STD Standard</b>	<b>CL TL</b>	<b>S1</b> Single (Closed exit)	<b>BW CON6 CON24</b>	<b>CLS</b>	<b>WH BK</b>	<b>CL2 CL2P</b>	<b>SST MG</b>	<b>ST BK BZ</b>	
Typical lumens at 4.0W/ft with CL lens at 3000K: 69 lm/ft													

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- **Connector/Wire In or Out** not needed to specify product. Standard configuration is Type S1, Connector/Wire In: BW & Connector/Wire Out: CLS
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## Technical Information

**Static White** [Calculated L70 = 70000 hrs]  
Tested with VV3SW-\*\*-30-DRY-STD

	1.5W/FT	3.0W/FT	4.0W/FT	5.0W/FT
	LM/FT	LM/FT	LM/FT	LM/FT
CL	110	184	235	264
TL	71	123	146	171

## Static White High Efficacy

[Calculated L70 = 70000 hrs]  
Tested with VV3SW-\*\*-30-DRY-STD

	1.5HEW/FT	3.0HEW/FT	6.0HEW/FT
	LM/FT	LM/FT	LM/FT
CL	119	245	478
TL	85	161	326

**Dynamic White** [Calculated L70 = 70000 hrs]  
Tested with VV3DW-6.0-\*\*-DRY-STD

	3000K
	LM/FT
CL	164
TL	111

**Dynamic White High Efficacy** [Calculated L70 = 70000 hrs]  
Tested with VV3DW-\*\*-30-DRY-STD

	3.0W/FT	5.0W/FT
	LM/FT	LM/FT
CL	113	178
TL	74	116

**Static Color** [Calculated L70 = 30000 hrs]  
Tested with VV3SC-5.0-\*\*-DRY-STD

	Red	Green	Blue	Amber
	LM/FT	LM/FT	LM/FT	LM/FT
CL	81	330	83	73
TL	57	209	51	48

**RGB** [Calculated L70 = 55000 hrs]  
Tested with VV3RGB-6.0-RGB-DRY-STD

	Red	Green	Blue
	LM/FT	LM/FT	LM/FT
CL	51	140	42
TL	32	89	27

**RGBW** [Calculated L70 = 70000 hrs]  
Tested with VV3RGBW-6.0-30-DRY-STD

	Red	Green	Blue	3000K
	LM/FT	LM/FT	LM/FT	LM/FT
CL	30	80	26	102
TL	22	55	17	66

**RGBW High Efficacy** [Calculated L70 = 70000 hrs]  
Tested with VV3RGBW-4.0HE-30-DRY-STD

	Red	Green	Blue	3000K
	LM/FT	LM/FT	LM/FT	LM/FT
CL	30	101	27	69
TL	20	66	18	45

## Temperature Ratings Dependent on LED Strip W/FT

Light Engine (LED Strip)	W/FT	Minimum Limit (°F)	Maximum Limit (°F)
Static White	1.5	-40	138
	3.0	-40	124
	4.0	-40	115
	5.0	-40	108
Static White High-Efficacy	1.5HE	-40	152
	3.0HE	-40	140
	6.0HE	-40	118

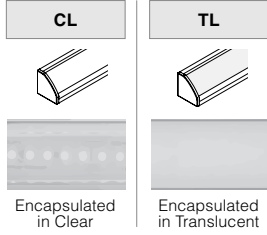
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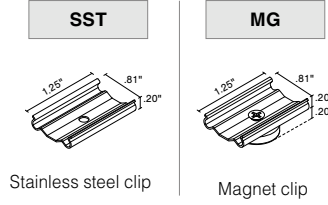
## Lens

with LED visibility

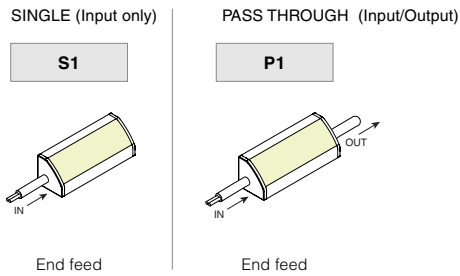


## Mounting

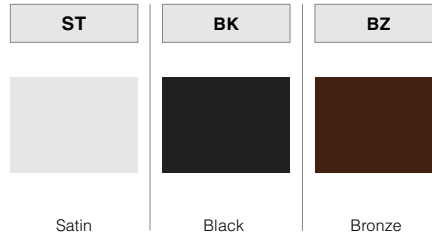
2 clips provided for 4' or less; 4 clips provided for greater than 4'



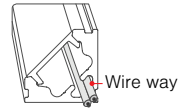
## Type



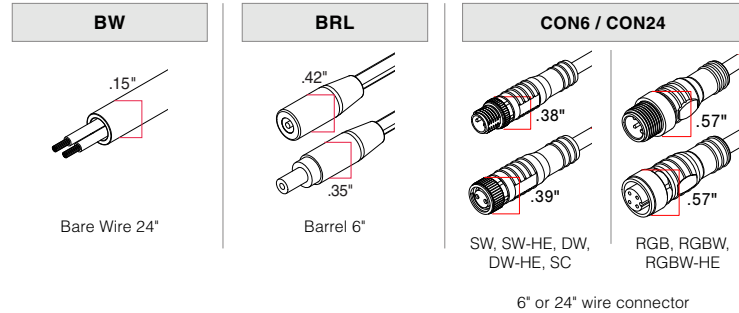
## Finish



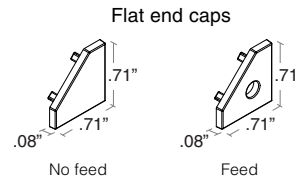
## Wire Way



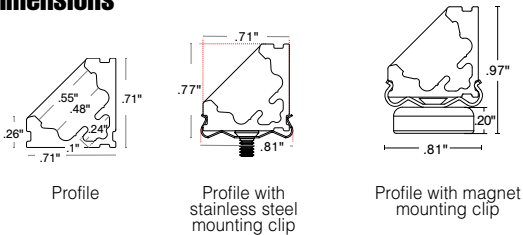
## Connector/Wire – In/Out



## End Caps



## Dimensions



## Length (in)

Add to nominal LED length for fixture length

