

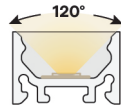


# VERS-ENCAPSULATED (06) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed



5 YEAR WARRANTY



- Wet-rated VERSatile fixture encapsulated in polyurethane
- The polyurethane encapsulation provides optimal delivered lumens
- Features integrated metal endcaps
- Mounting options include a concealed or magnetic 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-06-DW			ENC		

## ADDITIONAL INFORMATION REQUIRED TO ORDER

7	8	9	10	11	12	13	14	15	16	17
WIRE IN/ OUT	CONN/ WIRE IN	CONN/ WIRE OUT	END CAP IN	END CAP OUT	WIRE COLOR	WIRE TYPE	MOUNTING	FINISH	LENGTH (IN)	EXACT/ OPTIMAL

Sample Part Number: **VERS-06-DW-2.5HE-27/40-ENC-ENC/TL-L1-BK-P1-BW-BW-STD-STD-BK-CL2-CC-BK-48"-E**

1	2	3	4	5	6
PRODUCT	WATTS/FT	CCT	RATED	LENS	EXTERNAL LOUVER
<b>VERS-06-DW</b> LED engine is built with 3 wires requiring 0-10V, DMX or DALI control. Using DALI, DMX, or non QTL power supplies may double watts/ft. See following pages for compatible power supplies.	<b>1.5HE</b> 1.5W/ft HE <b>2.5HE</b> 2.5W/ft HE	<b>24/30</b> 2400K/3000K <b>27/40</b> 2700K/4000K	<b>ENC</b> IP67	<b>ENC/CL</b> Encapsulated in Clear <b>ENC/TL</b> Encapsulated in Translucent  For representation of LED visibility, see Diode Visibility section on following pages. For beam angles, see Photometric Performance section on following pages	<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.

7	8	9	10	11
WIRE IN/OUT	CONN/WIRE IN	CONN/WIRE OUT	END CAP IN	END CAP OUT
<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  P2, P3, P4 options not compatible with external louver	<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>CLS</b> Closed End (No feed)	<b>STD</b> Standard <b>CL</b> Clear  STD - End cap matches fixture finish chosen Select CL for continuous runs	<b>STD</b> Standard <b>CL</b> Clear  STD - End cap matches fixture finish chosen Select CL for continuous runs
	<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>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)		

12	13	14	15	16	17
WIRE COLOR	WIRE TYPE	MOUNTING	FINISH	LENGTH (IN)	EXACT/OPTIMAL
<b>WH</b> White <b>BK</b> Black	<b>CL2</b> Class 2 <b>CL2P</b> Plenum Rated  CL2P only available with bare wire leads (BW)	<b>CC</b> Concealed Clip <b>MG</b> Magnet	<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.	Minimum length is 12", maximum length is 98" not including end caps. Contact us for lengths under 12".	<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.

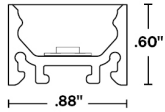
5 year warranty | Warranty only valid with QTL power supplies | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance



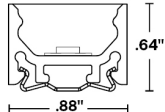
# VERS-ENCAPSULATED (06) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

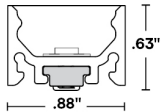
## 1 PRODUCT - DIMENSIONS



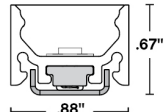
Profile



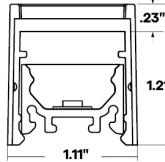
Profile with concealed clip



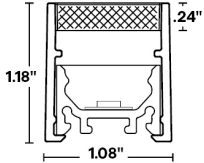
Profile with magnetic clip



Profile with magnet mount clip & magnetic mount accessory



Profile with L1 Louver



Profile with L2 Louver

## 2 DELIVERED LUMENS

[Calculated L70 = 40000 hrs]  
Tested with VERS-06-DW-\*\*-\*\*-ENC

	1.5HE W/FT		2.5HE W/FT	
	LM/FT	CRI	LM/FT	CRI
ENC/CL	114	97	169	97
ENC/TL	96	97	141	96

## 5 DIODE VISIBILITY

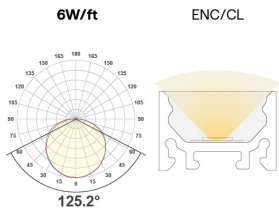


ENC/CL - Clear encapsulation

ENC/TL - Translucent encapsulation

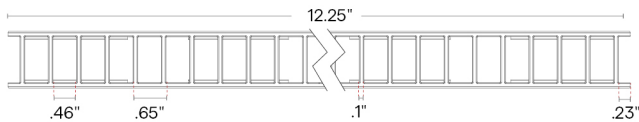
## PHOTOMETRIC PERFORMANCE

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

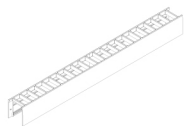


## 6 EXTERNAL LOUVER

### PLASTIC

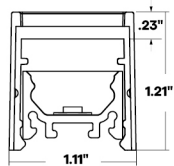


#### L1-XX



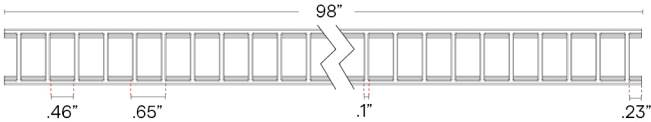
Lumen Multiplier  
WH BK

0.65	0.40
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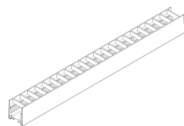


Profile with plastic louver

### METAL

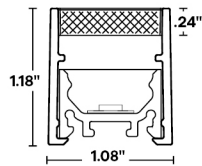


#### L2-XX



Lumen Multiplier  
WH BK ST

0.67	0.40	0.62
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Profile with metal louver



# VERS-ENCAPSULATED (06) FOR TUNABLE APPLICATIONS

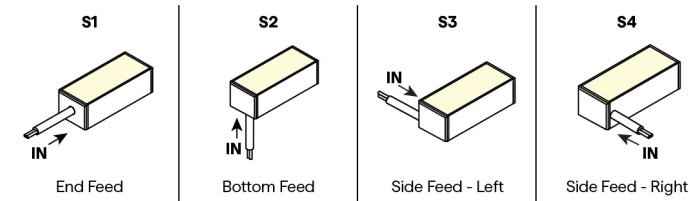
## 24VDC Linear Fixtures - Surface & Recessed

### TEMPERATURE RATINGS

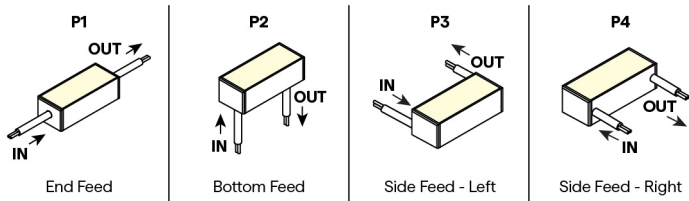
	DW 1.5 HE W/FT				DW 2.5 HE W/FT			
	Q-Tran power supply other than DALI, DMX		DALI, DMX, or non-Q-Tran power supply		Q-Tran power supply other than DALI, DMX		DALI, DMX, or non-Q-Tran power supply	
	Min	Max	Min	Max	Min	Max	Min	Max
Ambient Operating Temp - Surface	-4°F	135°F	-4°F	120°F	-4°F	125°F	-4°F	105°F

### 7 WIRE INPUT/OUTPUT

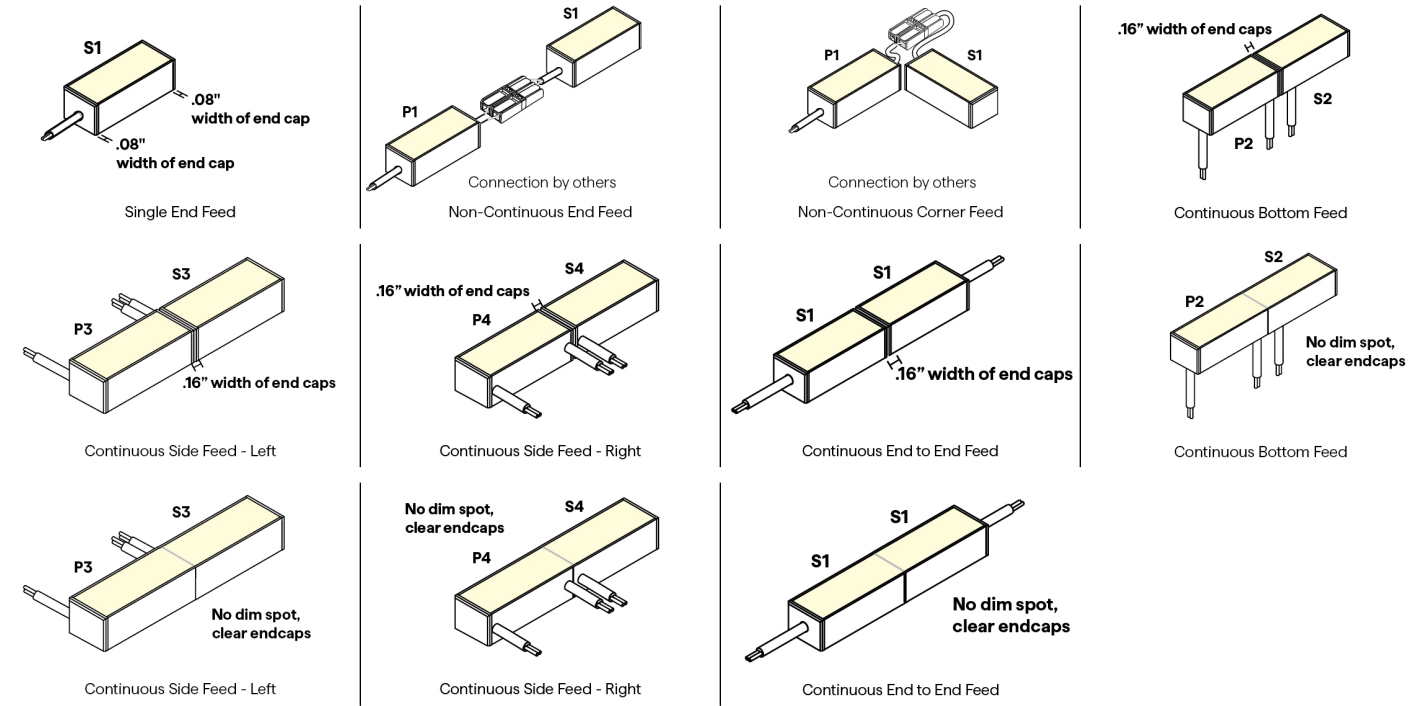
SINGLE (Input only)



PASS THROUGH (Input/Output)



### CONFIGURATION OPTIONS



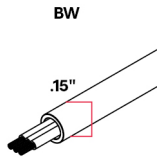


# VERS-ENCAPSULATED (06) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

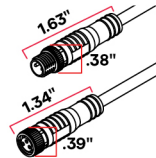
## 8 / 9 CONNECTOR/WIRE – IN/OUT

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



Bare Wire 36"  
22 AWG

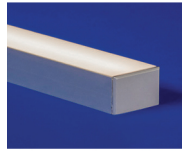
CON6/CON24



6" or 24" Overall  
Wire Connector | 22 AWG  
IP67 Rated, UL Listed

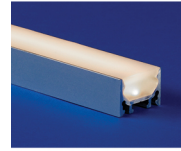
## 10 / 11 END CAP – IN/OUT

STD



End cap matches fixture  
finish chosen

CL



Clear end cap

## 12 WIRE COLOR

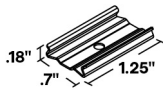


White

Black

## 14 MOUNTING

CC  
(CC-01)



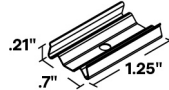
Concealed Clip

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

To order separately use CC-01

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

CC  
(CC-02)



Louver Concealed Clip  
Required if L1 or L2 Louver is selected

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.

MG

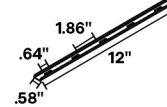


Magnet Clip

One MG provided per foot

To order separately use MG-02

MMA-02



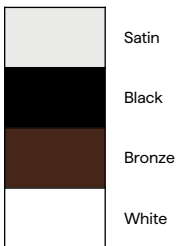
Magnet Mount  
Accessory for MG-02

Sold separately, to order use  
MMA-02

Each clip comes with a #6 Flat  
Screw

Required when mounting to a non-  
magnetic surface

## 15 FINISH



Satin

Black

Bronze

White

Custom finishes require a longer  
lead time, consult factory



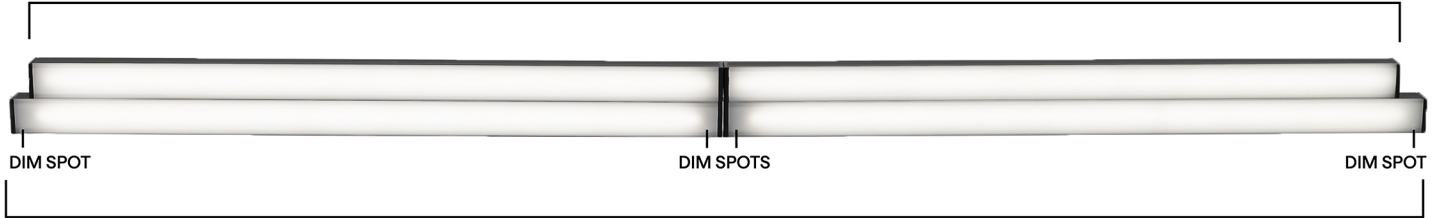
# VERS-ENCAPSULATED (06) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

## 17 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

## DW-HE ENC 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	
	S1 IN End Feed	S2 IN Bottom Feed	P1 IN End Feed	P2 OUT Bottom Feed	S3 IN Side Feed - Left	S4 IN Side Feed - Right	P3 IN Side Feed - Left	P4 OUT Side Feed - Right
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"



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## 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
	DW-HE Tunable Applications	DW-HE Tunable Applications
0.1%	QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT8 QT-CAB-eLED+DALI-DT8-AWN QT-CAB-eLED+TW QT-CAB-eLED+TW-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT8 QTM-eLED+DALI-DT8-AWN QTM-eLED+TW QTM-eLED+TW-AWN QZ-DMX	Q-SET-QZ-DMX QOM-eLED+DALI-DT6 QOM-eLED+DALI-DT8 QOM-eLED+PS-DALI-DT6 QOM-eLED+PS-DALI-DT8 QOM-eLED+TW QZ-DMX
1%	QZ-DALI-DT8	Q-SET+QZ-DALI-DT8
10%	Non-Dim Power Supply with TW App Dongle	

DIMMING PROTOCOL	INDOOR	OUTDOOR
	DW-HE Tunable Applications	DW-HE Tunable Applications
0-10V	QT-CAB-eLED+TW QT-CAB-eLED+TW-AWN QTM-eLED+TW QTM-eLED+TW-AWN	QOM-eLED+TW
Lutron Athena	QT-CAB-eLED+DALI-DT8-AWN QT-CAB-eLED+TW-AWN QTM-eLED+DALI-DT8-AWN QTM-eLED+TW-AWN	
DMX LED wattage must be doubled for DW-HE products	QZ-DMX	Q-SET-QZ-DMX QZ-DMX
DALI-2: DT6 LED wattage must be doubled for DW-HE products except for AWN	QT-CAB-eLED+DALI-DT6 QTM-eLED+DALI-DT6	QOM-eLED+DALI-DT6
DALI-2: DT8 LED wattage must be doubled for DW-HE products except for AWN	QT-CAB-eLED+DALI-DT8 QT-CAB-eLED+DALI-DT8-AWN QTM-eLED+DALI-DT8 QTM-eLED+DALI-DT8-AWN QZ-DALI-DT8	Q-SET+QZ-DALI-DT8 QOM-eLED+DALI-DT8
SCENE App Dimmed	Non-Dim Power Supply with TW App Dongle	



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## 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