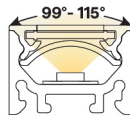
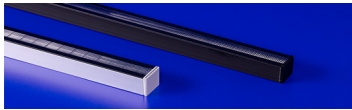




# VERS-NANO-LOUVER (11) FOR WARM DIM APPLICATIONS USA

## 24VDC Linear Fixtures - Surface & Recessed



- Features a co-extruded lens with integrated louvers that provide 35° viewing angles, delivering exceptional glare control ideal for direct view applications.
- The Crosswise louver reduces end-view glare while the Lengthwise louver reduces side-view glare.
- Lens options include frosted or diffused finishes to suit various lighting requirements.
- Integrated metal endcaps combined with extruded aluminum housing give this LED fixture a polished modern look.
- White Optics, an internal coating that results in greater lumen output, comes standard in all VERS LED fixtures.
- Consult factory for field assembly options.
- Can be suitable for exterior use when specified as wet, contact factory for more information.

### INFORMATION REQUIRED FOR LIGHTING SCHEDULE

1	2	3	4	5	6
PRODUCT	WATTS/ FT	CCT	RATED	INTERNAL LENS	INTERNAL LOUVER
				DF	

### 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-11-WD-6.0-19/30-DRY-DF-C-P1A-BW-BK-CL2-CC-BK-48"-E**

<div>1</div> <div>PRODUCT</div> <div><div><div>VERS-11-WD</div><div>See following pages for compatible power supplies.</div></div><div><div>VERS-11-DW</div><div>VERS-11-DW-USA</div><div>Select USA option for BAA and BABA projects. Only DRY ratings apply.</div><div>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</div></div></div>	<div>2</div> <div>WATTS/FT</div> <div><div><div>6.0</div><div>6.0W/ft</div></div><div><div>1.5HE</div><div>1.5W/ft HE</div></div><div><div>2.5HE</div><div>2.5W/ft HE</div></div><div><div>1.5HE</div><div>1.5W/ft HE</div></div><div><div>2.5HE</div><div>2.5W/ft HE</div></div><div><div>4.0HE</div><div>4.0W/ft HE</div></div><div><div>1.5HE</div><div>1.5W/ft HE</div></div><div><div>2.5HE</div><div>2.5W/ft HE</div></div></div>	<div>3</div> <div>CCT</div> <div><div><div>19/27</div><div>1900K/2700K</div></div><div><div>19/30</div><div>1900K/3000K</div></div><div><div>24/30</div><div>2400K/3000K</div></div><div><div>27/40</div><div>2700K/4000K</div></div><div><div>18/30</div><div>1800K/3000K</div></div><div><div>18/35</div><div>1800K/3500K</div></div><div><div>20/27</div><div>2000K/2700K</div></div><div><div>20/30</div><div>2000K/3000K</div></div><div><div>24/40</div><div>2400K/4000K</div></div><div><div>27/40</div><div>2700K/4000K</div></div><div><div>27/55</div><div>2700K/5500K</div></div><div><div>22/30</div><div>2200K/3000K</div></div><div><div>22/35</div><div>2200K/3500K</div></div><div><div>24/30</div><div>2400K/3000K</div></div><div><div>24/40</div><div>2400K/4000K</div></div><div><div>27/40</div><div>2700K/4000K</div></div></div>	<div>4</div> <div>RATED</div> <div><div><div>DRY</div><div>IP20</div><div>Can be suitable for exterior use, contact factory for more information</div></div><div><div>DMP</div><div>IP54</div></div><div><div>DRY</div><div>IP20</div></div><div><div>DMP</div><div>IP54</div></div></div>	<div>5</div> <div>INTERNAL LENS</div> <div><div><div>DF</div><div>Diffused Internal</div><div>For representation of LED visibility, see Diode Visibility section on following pages. For beam angles, see Photometric Performance section on following pages. See VERS-04 for additional 25° lens option.</div></div></div>	<div>6</div> <div>INTERNAL LOUVER</div> <div><div><div>C</div><div>L</div><div>Crosswise Internal</div><div>Lengthwise Internal</div></div><div>Louver slats are angled. Refer to diagrams to identify the side of the fixture with the most visual cutoff.</div></div>
<div>7</div> <div>WIRE INPUT/OUTPUT</div> <div><div><div>SINGLE (Input only)</div><div><div>S1A</div><div>End Feed</div></div><div><div>S1B</div><div>End Feed</div></div><div><div>S2A</div><div>Bottom Feed</div></div><div><div>S2B</div><div>Bottom Feed</div></div><div>When using TBC Mounting, a bare wire S2 wire feed is recommended. See install instructions for details.</div></div><div><div><div>PASS THROUGH (Input/output)</div><div><div>P1A</div><div>End Feed</div></div><div><div>P1B</div><div>End Feed</div></div><div><div>P2A</div><div>Bottom Feed</div></div><div><div>P2B</div><div>Bottom Feed</div></div><div>When using TBC Mounting, a bare wire P2 wire feed is recommended. See install instructions for details.</div></div></div></div>	<div>8</div> <div>CONNECTOR/WIRE IN</div> <div><div><div>BW</div><div>CON6</div><div>CON24</div><div>Bare Wire (Standard 36")</div><div>Connector 6"</div><div>Connector 24"</div></div><div>BW: Standard length is 36", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)</div></div> <div><div><div>BW</div><div>CON6</div><div>CON24</div><div>Bare Wire (Standard 36")</div><div>Connector 6"</div><div>Connector 24"</div></div><div>BW: Standard length is 36", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)</div></div>	<div>9</div> <div>CONNECTOR/WIRE OUT</div> <div><div><div>CLS</div><div>Closed End (No feed)</div></div><div><div><div>BW</div><div>CON6</div><div>CON24</div><div>Bare Wire (Standard 36")</div><div>Connector 6"</div><div>Connector 24"</div></div><div>BW: Standard length is 36", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)</div></div></div>	<div>10</div> <div>WIRE COLOR</div> <div><div><div>WH</div><div>BK</div><div>White</div><div>Black</div></div></div>		
<div>11</div> <div>WIRE TYPE</div> <div><div><div>CL2</div><div>CL2P</div><div>Class 2</div><div>Plenum Rated</div></div><div>CL2P only available with bare wire leads (BW)</div></div>	<div>12</div> <div>MOUNTING</div> <div><div><div>CC</div><div>MG</div><div>TBC-03</div><div>TBC-04</div><div>TBC-05</div><div>Concealed Clip</div><div>Magnet</div><div>9/16" Flat TB-Grid</div><div>15/16" Flat or Tegular TB-Grid</div><div>9/16" Tegular TB-Grid or 9/16" Flat TB-Grid, with External Louver</div></div></div>	<div>13</div> <div>FINISH</div> <div><div><div>ST</div><div>BK</div><div>BZ</div><div>WH</div><div>CU</div><div>Satin</div><div>Black</div><div>Bronze</div><div>White</div><div>Custom</div></div><div>Finish is only applicable to the aluminum extrusion and endcaps. The Cover Lens and Internal Louver is always black. Custom finishes require a longer lead time, consult factory</div></div>	<div>14</div> <div>LENGTH (IN)</div> <div><div><div>Minimum length is 12", maximum length is 98" not including end caps. Contact us for lengths under 12".</div></div></div>	<div>15</div> <div>EXACT/OPTIMAL</div> <div><div><div>O</div><div>E</div><div>Optimal Illumination</div><div>Exact Specified Length</div></div><div>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.</div></div>	

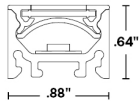
5 year warranty | Warranty only valid with QTL power supplies | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance



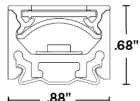
# VERS-NANO-LOUVER (11) FOR WARM DIM APPLICATIONS USA

24VDC Linear Fixtures - Surface & Recessed

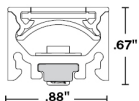
## 1 PRODUCT - DIMENSIONS



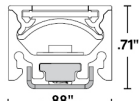
Profile with lens



Profile with concealed clip



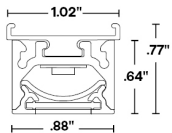
Profile with magnetic clip



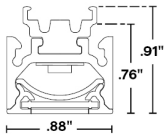
Profile with magnet mount clip & magnetic mount accessory



Profile with TBC-03



Profile with TBC-04



Profile with TBC-05

## 2 DELIVERED LUMENS

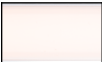
[Calculated L70 = 70000 hrs]  
Tested with VERS-11-WD-6.0-\*\*-DRY

	6.0 W/FT		
	LM/FT	CRI	UGR
3000K			
DF-C	95	97	≤ 14.4
DF-L	114	97	≤ 17.5

[Calculated L70 = 70000 hrs]  
Tested with VERS-11-DW-\*\*-\*\*-DRY

	1.5HE W/FT			2.5HE W/FT			4.0HE W/FT		
	LM/FT	CRI	UGR	LM/FT	CRI	UGR	LM/FT	CRI	UGR
3000K									
DF-C	36	98	≤ 11.0	60	98	≤ 12.8	80	99	≤ 13.8
DF-L	43	98	≤ 14.3	71	98	≤ 15.9	99	98	≤ 17.4

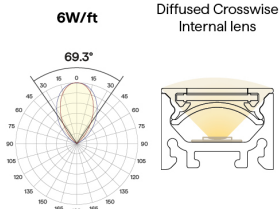
## 5 DIODE VISIBILITY



DF - Diffused lens

## PHOTOMETRIC PERFORMANCE

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





# VERS-NANO-LOUVER (11) FOR WARM DIM APPLICATIONS USA

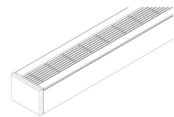
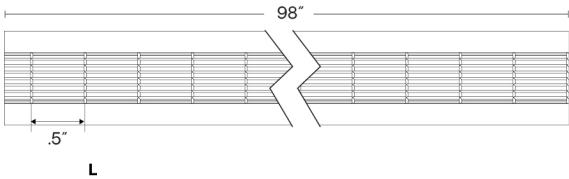
24VDC Linear Fixtures - Surface & Recessed

## TEMPERATURE RATINGS

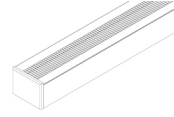
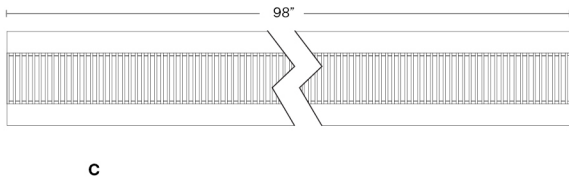
		WD 6.0 W/FT		DW 1.5 HE W/FT		DW 3.0 HE W/FT		DW 2.5 HE W/FT		DW 5.0 HE W/FT		DW 4.0 HE W/FT		DW 8.0 HE W/FT	
				QTL power supply other than DALI, DMX		DALI, DMX, or non-QTL power supply		QTL power supply other than DALI, DMX		DALI, DMX, or non-QTL power supply		QTL power supply other than DALI, DMX		DALI, DMX, or non-QTL power supply	
		Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
DRY	Ambient Operating Temp - Surface	-4°F	115°F	-4°F	145°F	-4°F	135°F	-4°F	135°F	-4°F	120°F	-4°F	125°F	-4°F	110°F
DMP	Ambient Operating Temp - Surface	—	—	-4°F	140°F	-4°F	130°F	-4°F	130°F	-4°F	115°F	—	—	—	—

## 6 INTERNAL LOUVER

### INTERNAL LOUVER - LENGTHWISE



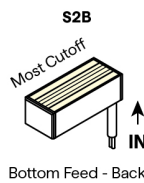
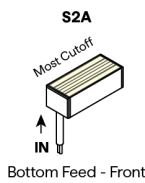
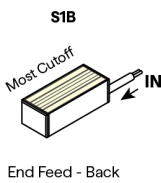
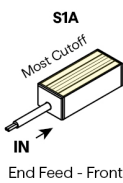
### INTERNAL LOUVER - CROSSWISE



## 7 WIRE INPUT/OUTPUT

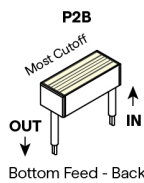
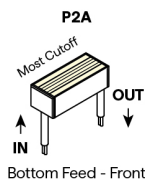
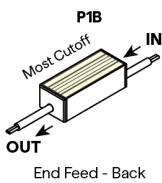
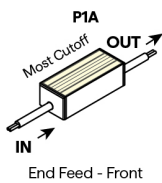
### LENGTHWISE - SINGLE (Input only)

Reduced Side View Glare - Louver slats are angled towards one side of the fixture. Refer to diagrams to identify the side of the fixture with the most visual cutoff.



### LENGTHWISE - PASS THROUGH (Input/Output)

Reduced Side View Glare - Louver slats are angled towards one side of the fixture. Refer to diagrams to identify the side of the fixture with the most visual cutoff.



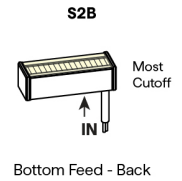
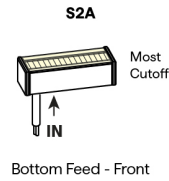
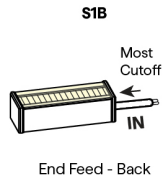
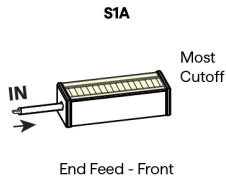


# VERS-NANO-LOUVER (11) FOR WARM DIM APPLICATIONS USA

24VDC Linear Fixtures - Surface & Recessed

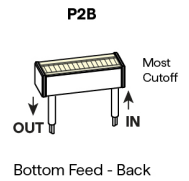
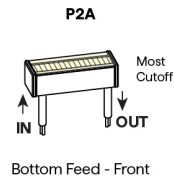
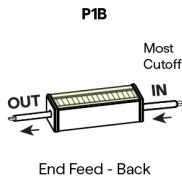
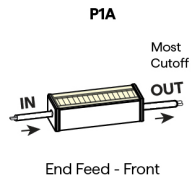
## CROSSWISE - SINGLE (Input only)

Reduced End View Glare - Louver slats are angled towards one end of the fixture. Refer to diagrams to identify the side of the fixture with the most visual cutoff.



## CROSSWISE - PASS THROUGH (Input /Output)

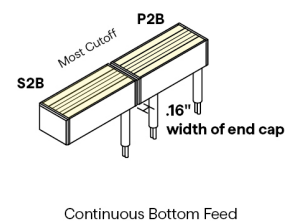
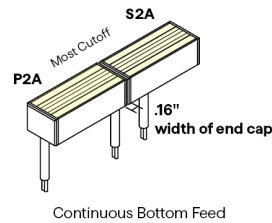
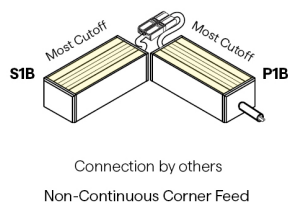
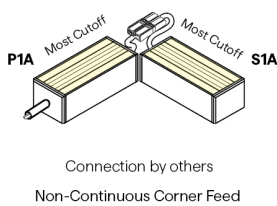
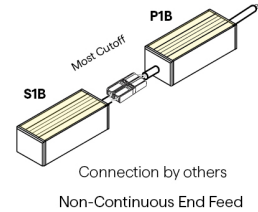
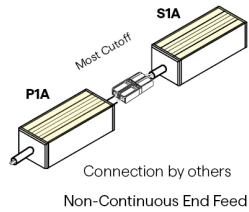
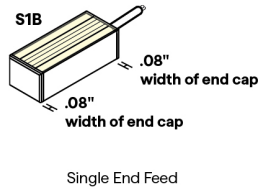
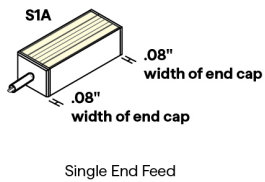
Reduced End View Glare - Louver slats are angled towards one end of the fixture. Refer to diagrams to identify the side of the fixture with the most visual cutoff.



## CONFIGURATION OPTIONS

### LENGTHWISE

Reduced Side View Glare - Louver slats are angled towards one side of the fixture. Refer to diagrams to identify the side of the fixture with the most visual cutoff.



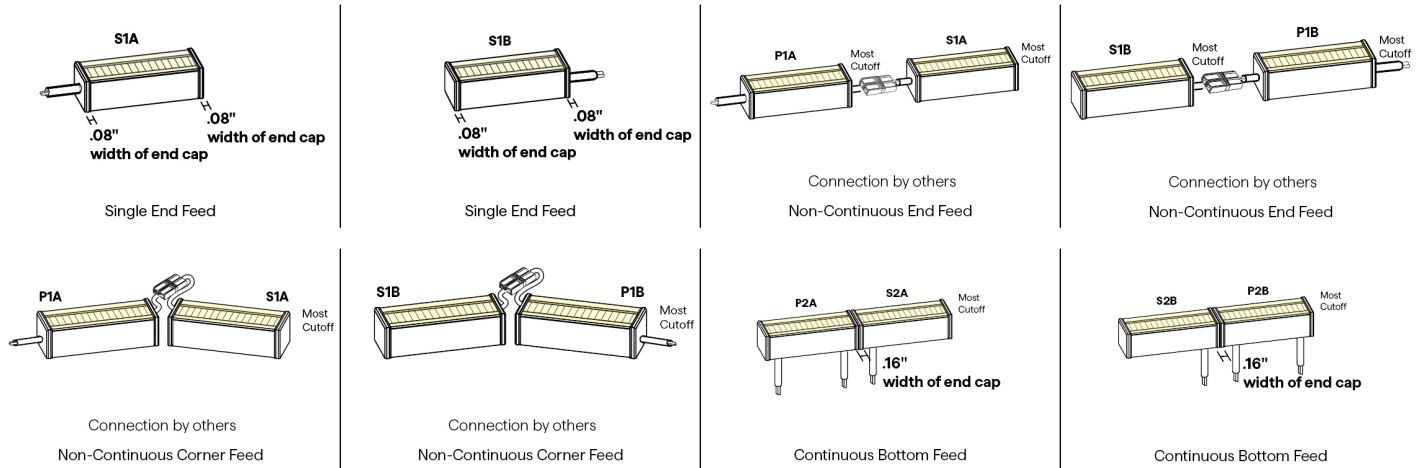


# VERS-NANO-LOUVER (11) FOR WARM DIM APPLICATIONS USA

24VDC Linear Fixtures - Surface & Recessed

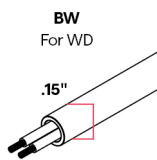
## CROSSWISE

Reduced End View Glare - Louver slats are angled towards one end of the fixture. Refer to diagrams to identify the side of the fixture with the most visual cutoff.

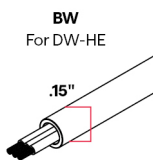


## 8 / 9 CONNECTOR/WIRE - IN/OUT

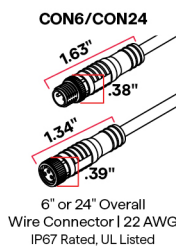
Connector/Wire In or Out not needed to specify product.



Bare Wire 36\"  
22 AWG



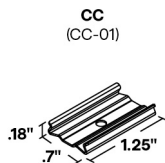
Bare Wire 36\"  
22 AWG



## 10 WIRE COLOR



## 12 MOUNTING

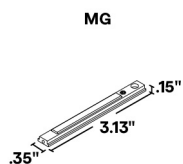


Concealed Clip

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

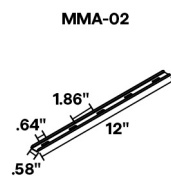
To order separately use CC-01

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



Magnet Clip

One MG provided per foot  
To order separately use MG-02

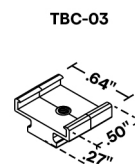


Magnet Mount  
Accessory for MG-02

Sold separately, to order use MMA-02

Each clip comes with a #6 Flat  
Screw

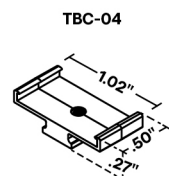
Required when mounting to a non-  
magnetic surface



Plastic T-Bar Clip

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



Plastic T-Bar Clip

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

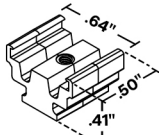


# VERS-NANO-LOUVER (11) FOR WARM DIM APPLICATIONS USA

24VDC Linear Fixtures - Surface & Recessed

## MOUNTING CONTINUED

TBC-05



Plastic T-Bar Clip

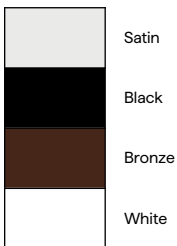
Use on 9/16" Tegular Drop Ceiling or  
with Louver on 9/16" Flat Drop  
Ceiling

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

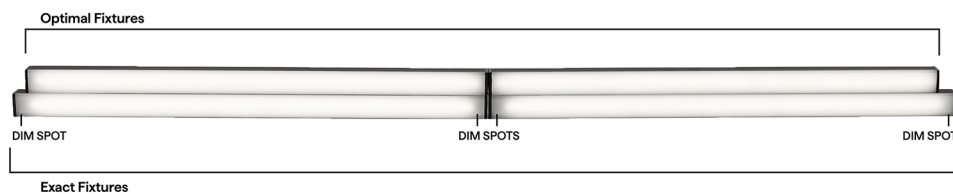
## 13 FINISH



Custom finishes require a longer  
lead time, consult factory. Finish  
is only applicable to the  
aluminum extrusion and  
endcaps. The Cover Lens and  
Internal Louver is always black.

## 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-NANO-LOUVER (11) FOR WARM DIM APPLICATIONS USA

24VDC Linear Fixtures - Surface & Recessed

## WD 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	
	S1 End Feed IN	S2 Bottom Feed IN	P1 End Feed IN	P2 Bottom Feed IN	S3 Side Feed - Left IN	S4 Side Feed - Right IN	P3 Side Feed - Left IN	P4 Side Feed - Right IN
12"								
13"								
14"								
15"								
16"								
17"								
18"								
19"								
20"								
21"								
22"								
23"								
24"								
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48"								
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72"								
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96"								

## DW-HE DRY, DMP LENGTHS BY INCH

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	S1 End Feed IN	S2 Bottom Feed IN	P1 End Feed IN	P2 Bottom Feed IN	S3 Side Feed - Left IN	S4 Side Feed - Right IN	P3 Side Feed - Left IN	P4 Side Feed - Right IN
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# VERS-NANO-LOUVER (11) FOR WARM DIM APPLICATIONS USA

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	
	DW-HE Tunable Applications	WD
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	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+0-10V QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN QZ-BOWTIE+DIMMER QZ-DMX QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP
1%	QZ-DALI-DT8	QTM-eLED(E) QZ-DALI-DT6
10%	Non-Dim Power Supply with TW App Dongle	Non-Dim Power Supply with SW App Dongle

DIMMING PROTOCOL	INDOOR	
	DW-HE Tunable Applications	WD
Phase		QT-CAB-QZ-PH/0-10V QTM-eLED(E) QZ-BOWTIE+DIMMER QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP
0-10V	QT-CAB-eLED+TW QT-CAB-eLED+TW-AWN QTM-eLED+TW QTM-eLED+TW-AWN	QT-CAB-QZ-PH/0-10V QT-CAB-eLED+0-10V QTM-eLED+0-10V QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP
Lutron Athena	QT-CAB-eLED+DALI-DT8-AWN QT-CAB-eLED+TW-AWN QTM-eLED+DALI-DT8-AWN QTM-eLED+TW-AWN	QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+DALI-DT6-AWN
ECO System		QTM-eLED(E)
DMX If using DW LED, wattage must be doubled	QZ-DMX	QZ-DMX
DALI-2: DT6 If using DW LED, wattage must be doubled except for AWN	QT-CAB-eLED+DALI-DT6 QTM-eLED+DALI-DT6	QT-CAB-eLED+DALI-DT6 QT-CAB-eLED+DALI-DT6-AWN QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AWN QZ-DALI-DT6
DALI-2: DT8 If using DW LED, wattage must be doubled 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	
SCENE App Dimmed	Non-Dim Power Supply with TW App Dongle	Non-Dim Power Supply with SW App Dongle


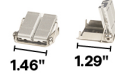









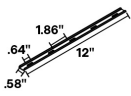





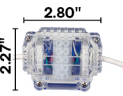
# VERS-NANO-LOUVER (11) FOR WARM DIM APPLICATIONS USA

24VDC Linear Fixtures - Surface & Recessed

## COMPATIBLE MOUNTING ACCESSORIES

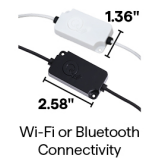
<b>HINGE - HMB-M</b>  1.41" .71" Adjustable mounting bracket - Medium	<b>HINGE - HMB-L</b>  1.46" 1.29" Adjustable mounting bracket - Large	<b>HINGE - HMB-XL</b>  1.46" 4" Adjustable mounting bracket - XLarge	<b>Q-PIVOT</b>  .75" 1.03" Small mounting accessory	<b>Q-ANGLE</b>  2.23" 1.38" Adjustable mounting 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	<b>MMA-02</b>  1.86" 12" .64" .58" Magnet Mount Accessory for MG-02								

## COMPATIBLE WIRING ACCESSORIES

<b>Q-mini-J</b>  2" 1.25" UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)	<b>Q-mini-J5</b>  2.80" 2.27" UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)
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## COMPATIBLE CONTROL ACCESSORIES

### SCENE APP DONGLE



## COMPATIBLE APPS

### NFC APP



Read and write DMX addresses and adjust voltage