



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

## 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.

Sample Part Number: **VERS-11-WD-6.0-19/30-DRY-DF-C-P1A-BW-BW-BK-CL2-CC-BK-48"-E**

1 PRODUCT	2 WATTS/FT	3 CCT	4 RATED	5 INTERNAL LENS	6 INTERNAL LOUVER
<b>VERS-11-WD</b>  See following pages for compatible power supplies.	<b>6.0</b> 6.0W/ft	<b>19/27</b> 1900K/2700K <b>19/30</b> 1900K/3000K	<b>DRY</b> IP20  Can be suitable for exterior use, contact factory for more information	<b>DF</b> Diffused Internal  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.	<b>C</b> Crosswise Internal <b>L</b> Lengthwise Internal  Louver slats are angled. Refer to diagrams to identify the side of the fixture with the most visual cutoff.
<b>VERS-11-DW</b> <b>VERS-11-DW-USA</b>  Select USA option for BAA and BABA projects. Only DRY ratings apply.  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>4.0HE</b> 4.0W/ft HE	<b>20/27</b> 2000K/2700K <b>20/30</b> 2000K/3000K <b>27/40</b> 2700K/4000K <b>27/55</b> 2700K/5500K	<b>DRY</b> IP20	<b>DMP</b> IP54	
	<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			

7	WIRE INPUT/OUTPUT	8	CONNECTOR/WIRE IN	9	CONNECTOR/WIRE OUT	10	WIRE COLOR
<b>S1A</b>	Single 1 (Input only) - End Feed	<b>BW</b>	Bare Wire (Standard 36")	<b>CLS</b>	Closed End (No feed)	<b>WH</b>	White
<b>S1B</b>	Single 1 (Input only) - End Feed	<b>CON6</b>	Connector 6"			<b>BK</b>	Black
<b>S2A</b>	Single 2 (Input only) - Bottom Feed	<b>CON24</b>	Connector 24"				
<b>S2B</b>	Single 2 (Input only) - Bottom Feed						
<b>P1A</b>	Pass Through 1 (Input/output) - End Feed	<b>BW</b>	Bare Wire (Standard 36")	<b>BW</b>	Bare Wire (Standard 36")	<b>WH</b>	White
<b>P1B</b>	Pass Through 1 (Input/output) - End Feed	<b>CON6</b>	Connector 6"	<b>CON6</b>	Connector 6"	<b>BK</b>	Black
<b>P2A</b>	Pass Through 2 (Input/output) - Bottom Feed	<b>CON24</b>	Connector 24"	<b>CON24</b>	Connector 24"		
<b>P2B</b>	Pass Through 2 (Input/output) - Bottom Feed						

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: BW148).

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

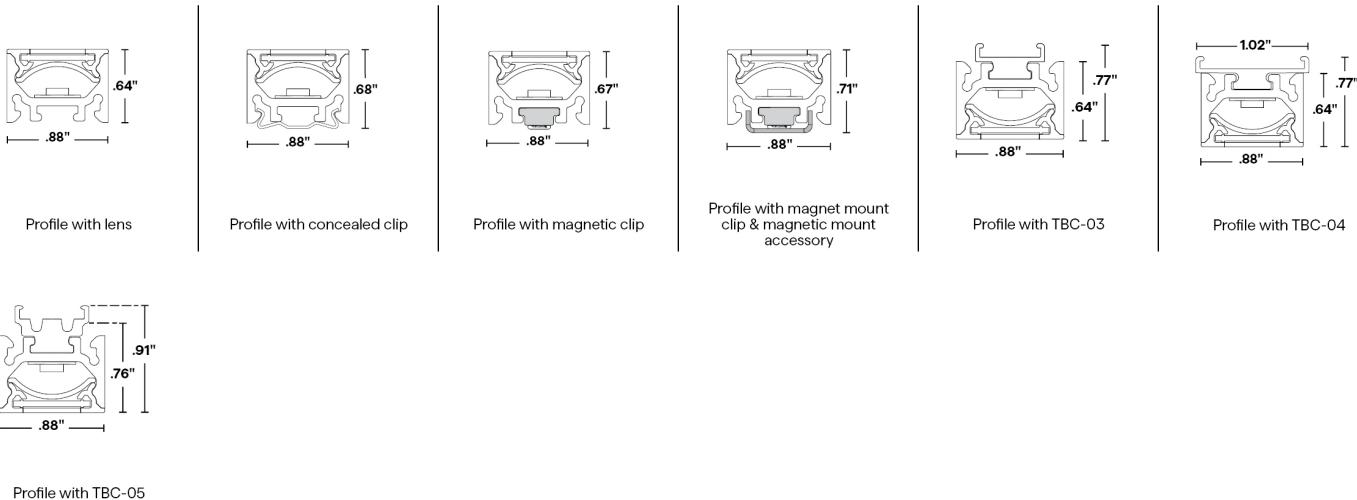
<b>11</b>	<b>WIRE TYPE</b>	<b>12</b>	<b>MOUNTING</b>	<b>13</b>	<b>FINISH</b>	<b>14</b>	<b>LENGTH (IN)</b>	<b>15</b>	<b>EXACT/OPTIMAL</b>
	<b>CL2</b> Class 2 <b>CL2P</b> Plenum Rated  CL2P only available with bare wire leads (BW)		<b>CC</b> Concealed Clip <b>MG</b> Magnet <b>TBC-03</b> 9/16" Flat TB-Grid <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>ST</b> Satin <b>BK</b> Black <b>BZ</b> Bronze <b>WH</b> White <b>CU</b> Custom		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.
					Finish applies only to aluminum extrusion and endcaps; cover lens and				
					endcaps; cover lens and				



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

24VDC Linear Fixtures - Surface & Recessed

## 1 PRODUCT - DIMENSIONS



Profile with TBC-05

## 2 DELIVERED LUMENS

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

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

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

3000K	1.5HE W/FT			2.5HE W/FT			4.0HE W/FT		
	LM/FT	CRI	UGR	LM/FT	CRI	UGR	LM/FT	CRI	UGR
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

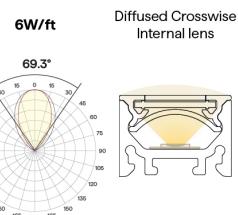
## 5 DIODE VISIBILITY



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

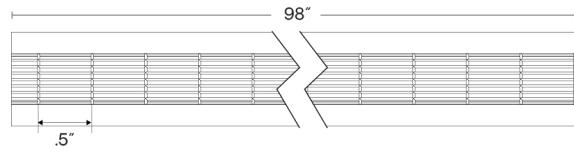
24VDC Linear Fixtures - Surface & Recessed

## TEMPERATURE RATINGS

		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			
		WD 6.0 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

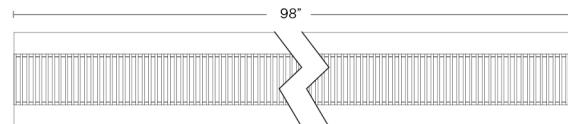
### INTERNAL LOUVER - LENGTHWISE



L



### INTERNAL LOUVER - CROSSWISE



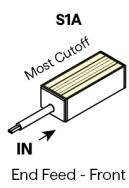
C



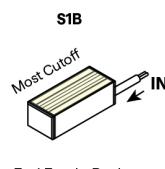
## 7 WIRE INPUT/OUTPUT

### LENGTHWISE - SINGLE (Input only)

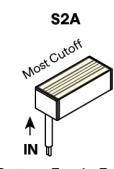
Reduced Side View Glare - Louver slats are angled towards one side of the fixture. Refer to diagrams to identify the side of the fixture with the most visual cutoff.



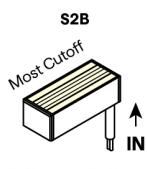
End Feed - Front



End Feed - Back



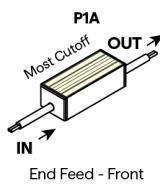
Bottom Feed - Front



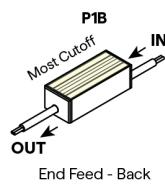
Bottom Feed - Back

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

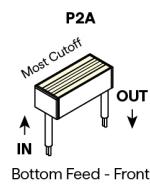
Reduced Side View Glare - Louver slats are angled towards one side of the fixture. Refer to diagrams to identify the side of the fixture with the most visual cutoff.



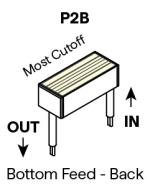
End Feed - Front



End Feed - Back



Bottom Feed - Front



Bottom Feed - Back

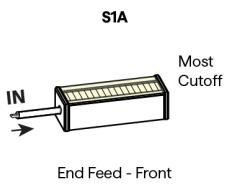


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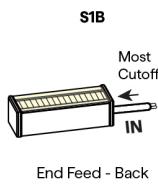
24VDC Linear Fixtures - Surface & Recessed

## CROSSWISE - SINGLE (Input only)

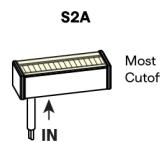
Reduced End View Glare - Louver slats are angled towards one end of the fixture. Refer to diagrams to identify the side of the fixture with the most visual cutoff.



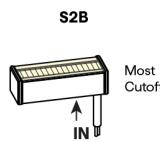
End Feed - Front



End Feed - Back



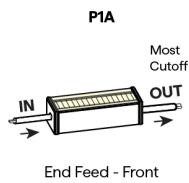
Bottom Feed - Front



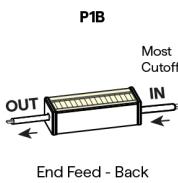
Bottom Feed - Back

## CROSSWISE - PASS THROUGH (Input /Output)

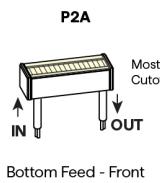
Reduced End View Glare - Louver slats are angled towards one end of the fixture. Refer to diagrams to identify the side of the fixture with the most visual cutoff.



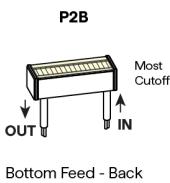
End Feed - Front



End Feed - Back



Bottom Feed - Front

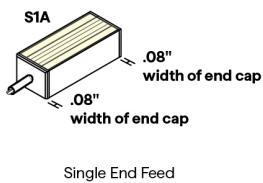


Bottom Feed - Back

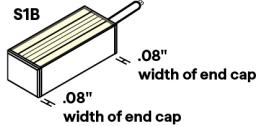
## CONFIGURATION OPTIONS

### LENGTHWISE

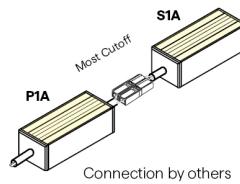
Reduced Side View Glare - Louver slats are angled towards one side of the fixture. Refer to diagrams to identify the side of the fixture with the most visual cutoff.



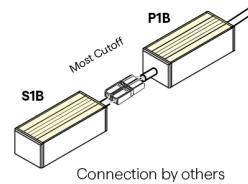
Single End Feed



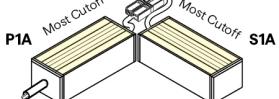
Single End Feed



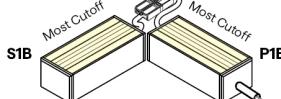
Non-Continuous End Feed



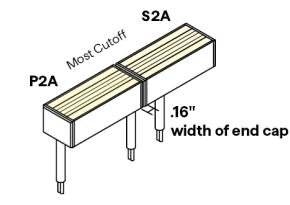
Non-Continuous End Feed



Connection by others  
Non-Continuous Corner Feed



Connection by others  
Non-Continuous Corner Feed



Continuous Bottom Feed



Continuous Bottom Feed

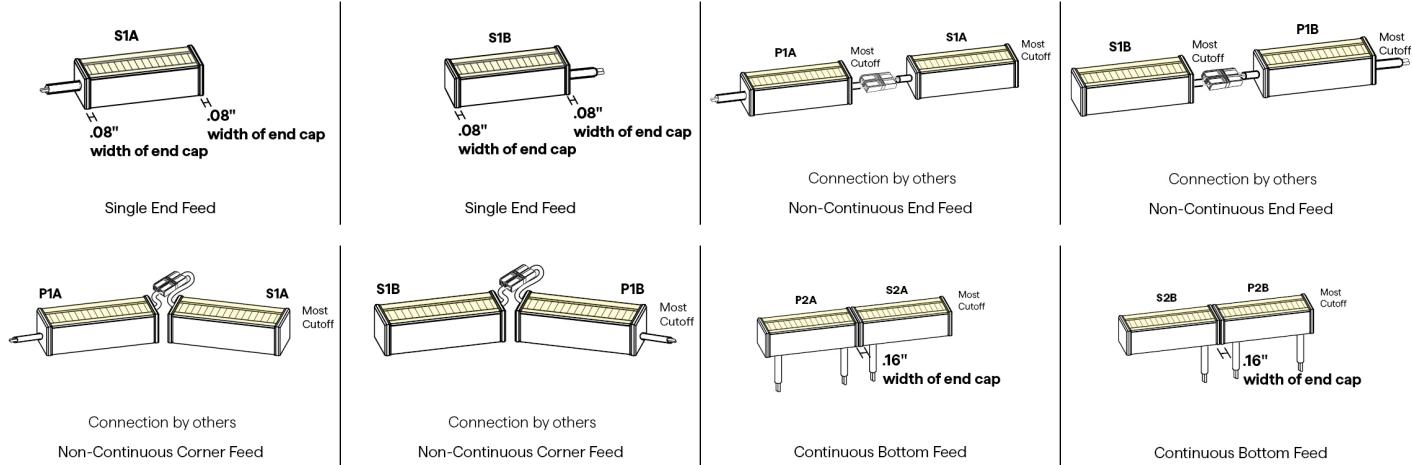


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24VDC Linear Fixtures - Surface & Recessed

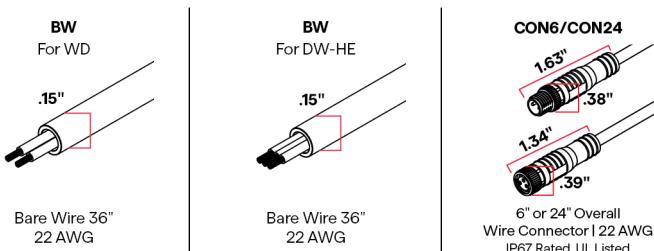
## CROSSWISE

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

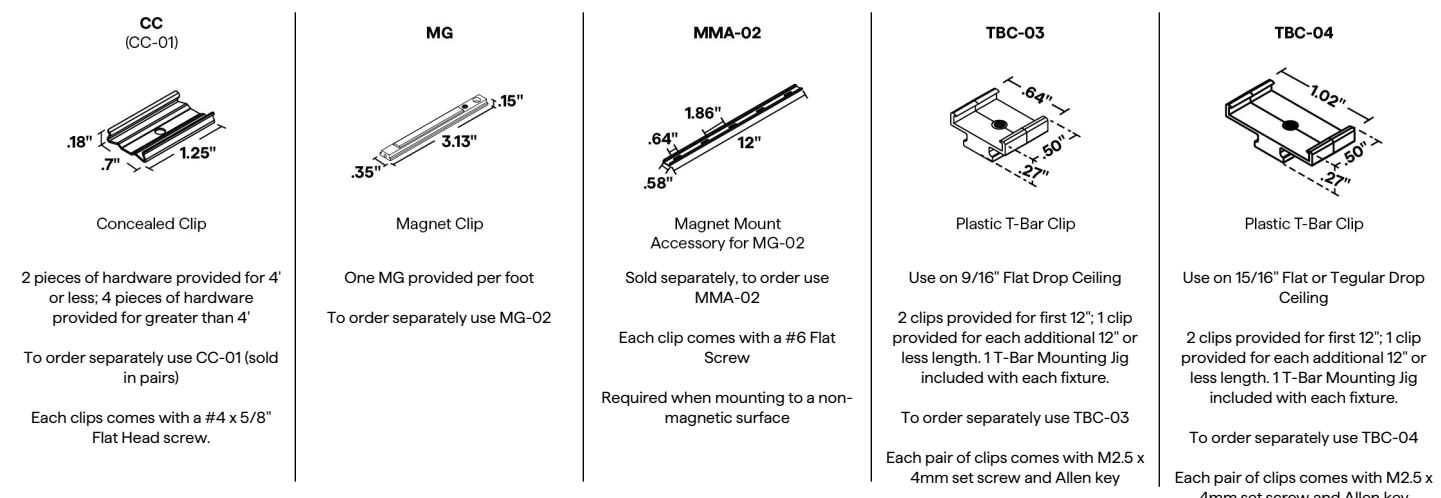
Connector/Wire In or Out not needed to specify product.



## 10 WIRE COLOR



## 12 MOUNTING



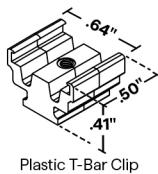


## VERS-NANO-LOUVER (11) FOR WARM DIM APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

### MOUNTING CONTINUED

TBC-05



Use on 9/16" Tegular Drop Ceiling

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.

To order separately use TBC-05

Each pair of clips comes with M2.5 x 4mm set screw and Allen key

### 13 FINISH



Satin

Black

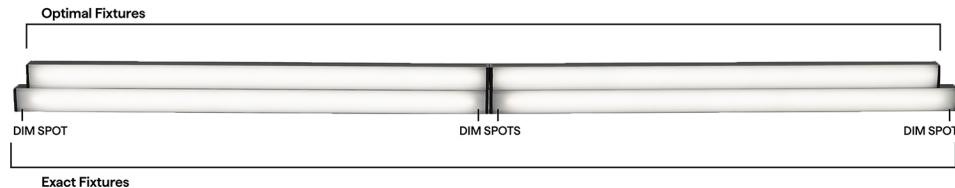
Bronze

White

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

24VDC Linear Fixtures - Surface & Recessed

## WD DRY DMP LENGTHS BY INCH

### EXACT LENGTH

Requested Length	Potential dim spot on either end of a S1 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

Requested Nominal Length	S1A/B & S2A/B		P1A/B & P2A/B	
	S1 End Feed	S2 Bottom Feed	P1 End Feed	P2 Bottom Feed
12"	10.49"		10.74"	
13"	12.49"		12.74"	
14"	12.49"		12.74"	
15"	14.49"		14.74"	
16"	14.49"		14.74"	
17"	16.49"		16.74"	
18"	16.49"		16.74"	
19"	18.49"		18.74"	
20"	18.49"		18.74"	
21"	20.49"		20.74"	
22"	20.49"		20.74"	
23"	22.49"		22.74"	
24"	22.49"		22.74"	
36"	34.49"		34.74"	
48"	46.49"		46.74"	
60"	58.49"		58.74"	
72"	70.49"		70.74"	
84"	82.49"		82.74"	
96"	94.49"		94.74"	

## DW-HE DRY DMP LENGTHS BY INCH

### EXACT LENGTH

Requested Length	Potential dim spot on either end of a S1 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

Requested Nominal Length	S1A/B & S2A/B		P1A/B & P2A/B	
	S1 End Feed	S2 Bottom Feed	P1 End Feed	P2 Bottom Feed
12"	10.59"		10.94"	
13"	12.59"		12.94"	
14"	12.59"		12.94"	
15"	14.59"		14.94"	
16"	14.59"		14.94"	
17"	16.59"		16.94"	
18"	16.59"		16.94"	
19"	18.59"		18.94"	
20"	18.59"		18.94"	
21"	20.59"		20.94"	
22"	20.59"		20.94"	
23"	22.59"		22.94"	
24"	22.59"		22.94"	
36"	34.59"		34.94"	
48"	46.59"		46.94"	
60"	58.59"		58.94"	
72"	70.59"		70.94"	
84"	82.59"		82.94"	
96"	94.59"		94.94"	



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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-DT8-AWN QTM-eLED+0-10V QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT8-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

24VDC Linear Fixtures - Surface & Recessed

## COMPATIBLE MOUNTING ACCESSORIES

<b>HINGE - HMB-M</b> 1.41" 1.71"	<b>HINGE - HMB-L</b> 1.46" 1.29" 1.46"	<b>HINGE - HMB-XL</b> 4" 1.46"	<b>Q-PIVOT</b> 75" 1.03"	<b>Q-ANGLE</b> 1.38" 2.23"	<b>NJ-LARGE</b> 	<b>NU-LARGE</b> 	<b>SD-J-LARGE</b> 	<b>BL-LARGE</b> 	<b>NL-LARGE</b> 
Adjustable mounting bracket - Medium	Adjustable mounting bracket - Large	Adjustable mounting bracket - XLarge	Small mounting accessory	Adjustable mounting accessory	J Mounting Bracket	U Mounting Bracket	J Mounting Bracket	Backwards L Mounting Bracket	L Mounting Bracket
<b>SD-L-LARGE</b> 	<b>MMA-02</b> 1.86" .64" 12" .58"	Magnet Mount Accessory for MG-02							

## COMPATIBLE WIRING ACCESSORIES

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

## COMPATIBLE CONTROL ACCESSORIES

<b>SCENE APP DONGLE</b> 1.36" 2.58"
Wi-Fi or Bluetooth Connectivity

## COMPATIBLE APPS

<b>NFC APP</b> Q-NFC
Read and write DMX addresses and adjust voltage