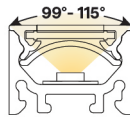
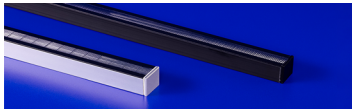




VERS-NANO-LOUVER (11) FOR TUNABLE APPLICATIONS

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.



INFORMATION REQUIRED FOR LIGHTING SCHEDULE

1	2	3	4	5	6
PRODUCT	WATTS/ FT	CCT	RATED	INTERNAL LENS	INTERNAL LOUVER
VERS-11-DW				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-DW-2.5HE-20/30-DRY-DF-C-P1A-BW-BW-BK-CL2-CC-BK-48"-E**

<div>1</div> <div>PRODUCT</div> <div>VERS-11-DW</div> <div>See following pages for compatible power supplies.</div>	<div>2</div> <div>WATTS/FT</div> <div>1.5HE 1.5W/ft HE 2.5HE 2.5W/ft HE 4.0HE 4.0W/ft HE</div> <div>1.5HE 1.5W/ft HE 2.5HE 2.5W/ft HE</div>	<div>3</div> <div>CCT</div> <div>20/27 2000K/2700K 20/30 2000K/3000K 27/40 2700K/4000K 27/55 2700K/5500K</div> <div>24/30 2400K/3000K 27/40 2700K/4000K</div>	<div>4</div> <div>RATED</div> <div>DRY IP20</div> <div>DMP IP54</div>	<div>5</div> <div>INTERNAL LENS</div> <div>DF 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>6</div> <div>INTERNAL LOUVER</div> <div>C Crosswise Internal L Lengthwise Internal</div> <div>Louver slats are angled. Refer to diagrams to identify the side of the fixture with the most visual cutoff.</div>
<div>7</div> <div>WIRE INPUT/OUTPUT</div> <div>SINGLE (Input only) S1A End Feed S1B End Feed S2A Bottom Feed S2B Bottom Feed</div> <div>When using TBC Mounting, a bare wire S2 wire feed is recommended. See install instructions for details.</div> <div>PASS THROUGH (Input/output) P1A End Feed P1B End Feed P2A Bottom Feed P2B Bottom Feed</div> <div>When using TBC Mounting, a bare wire P2 wire feed is recommended. See install instructions for details.</div>	<div>8</div> <div>CONNECTOR/WIRE IN</div> <div>BW Bare Wire (Standard 36") CON6 Connector 6" CON24 Connector 24"</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>BW Bare Wire (Standard 36") CON6 Connector 6" CON24 Connector 24"</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>9</div> <div>CONNECTOR/WIRE OUT</div> <div>CLS Closed End (No feed)</div> <div>BW Bare Wire (Standard 36") CON6 Connector 6" CON24 Connector 24"</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>10</div> <div>WIRE COLOR</div> <div>WH White BK Black</div>		
<div>11</div> <div>WIRE TYPE</div> <div>CL2 Class 2 CL2P Plenum Rated</div> <div>CL2P only available with bare wire leads (BW)</div>	<div>12</div> <div>MOUNTING</div> <div>CC Concealed Clip MG Magnet TBC-03 9/16" Flat TB-Grid TBC-04 15/16" Flat or Tegular TB-Grid TBC-05 9/16" Tegular TB-Grid or 9/16" Flat TB-Grid, with External Louver</div>	<div>13</div> <div>FINISH</div> <div>ST Satin BK Black BZ Bronze WH White CU Custom</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>14</div> <div>LENGTH (IN)</div> <div>Minimum length is 12", maximum length is 98" not including end caps. Contact us for lengths under 12".</div>	<div>15</div> <div>EXACT/OPTIMAL</div> <div>O Optimal Illumination E Exact Specified Length</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>	

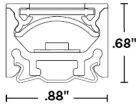
5 year warranty | Warranty only valid with QTL power supplies | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance



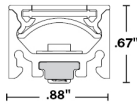
VERS-NANO-LOUVER (11) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

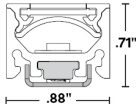
1 PRODUCT - DIMENSIONS



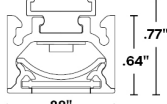
Profile with concealed clip



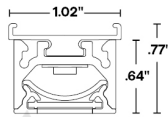
Profile with magnetic clip



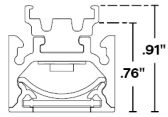
Profile with magnet mount clip & magnetic mount accessory



Profile with TBC-03



Profile with TBC-04



Profile with TBC-05

2 DELIVERED LUMENS

[Calculated L70 = 70000 hrs]
Tested with VERS-11-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
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

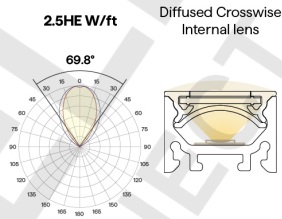
5 DIODE VISIBILITY



DF - Diffused lens

PHOTOMETRIC PERFORMANCE

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



TEMPERATURE RATINGS

		DW 1.5 HE W/FT				DW 2.5 HE W/FT				DW 4.0 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		Q-Tran power supply other than DALI, DMX		DALI, DMX, or non-Q-Tran power supply	
		Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
DRY	Ambient Operating Temp - Surface	-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	—	—	—	—

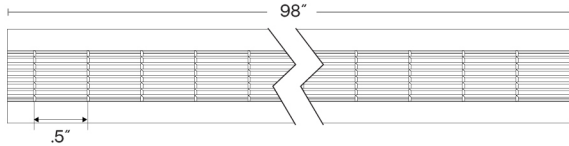


VERS-NANO-LOUVER (11) FOR TUNABLE APPLICATIONS

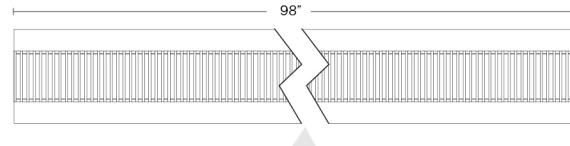
24VDC Linear Fixtures - Surface & Recessed

6 INTERNAL LOUVER

INTERNAL LOUVER - LENGTHWISE



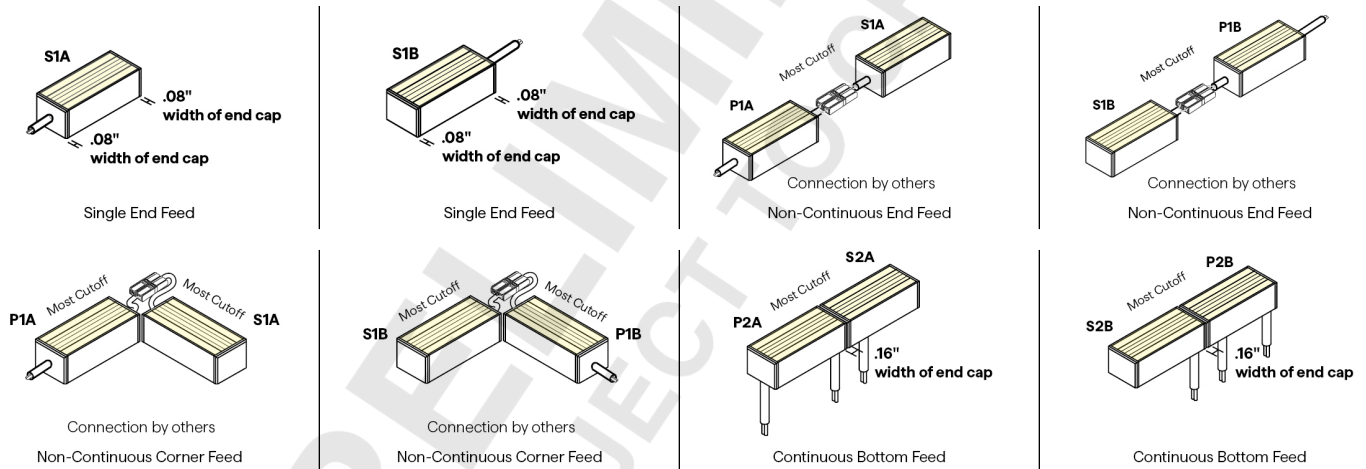
INTERNAL LOUVER - CROSSWISE



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.



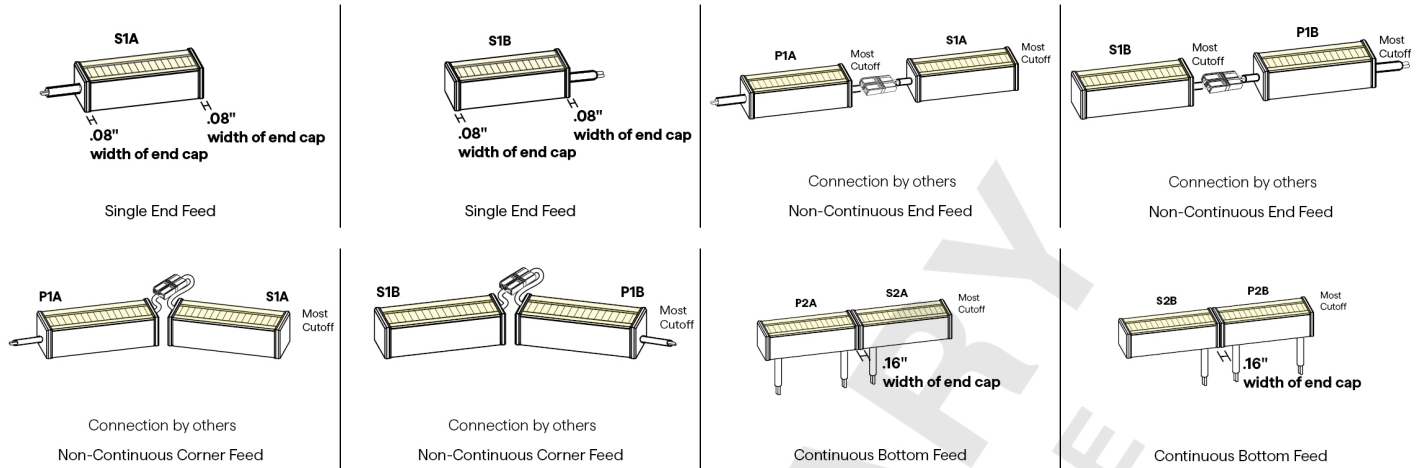


VERS-NANO-LOUVER (11) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

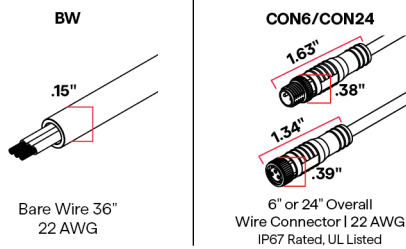
CROSSWISE

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

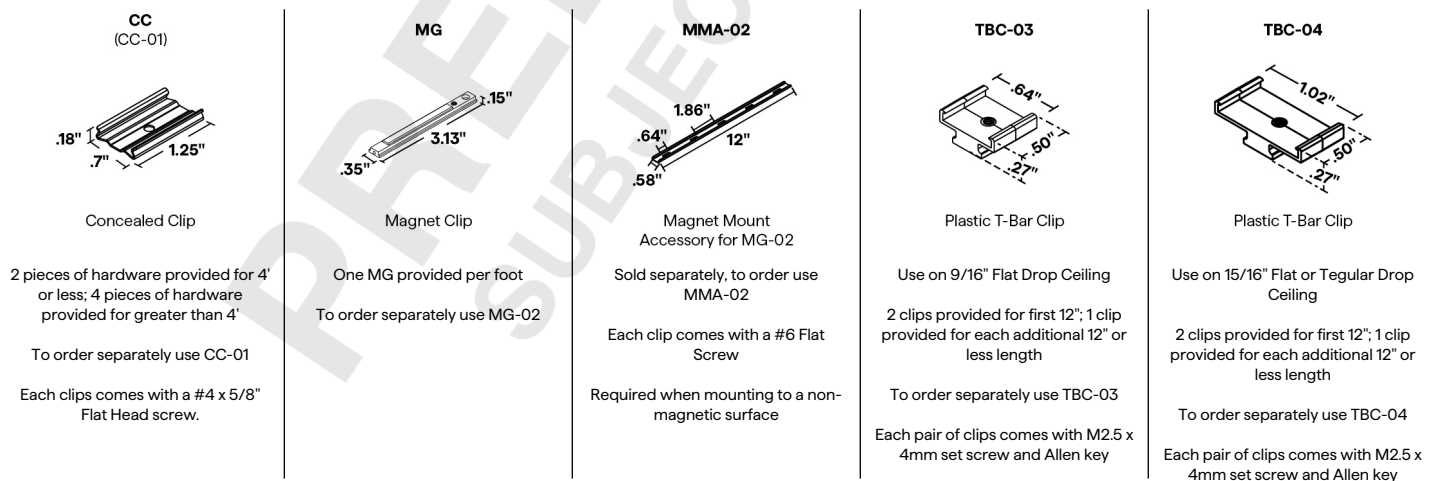
Connector/Wire In or Out not needed to specify product.



10 WIRE COLOR



12 MOUNTING



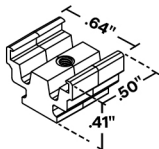


VERS-NANO-LOUVER (11) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

MOUNTING CONTINUED

TBC-05



Plastic T-Bar Clip

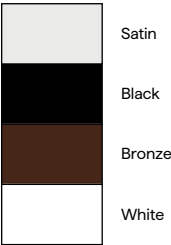
Use on 9/16" Tegular Drop Ceiling or with Louver on 9/16" Flat Drop Ceiling

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

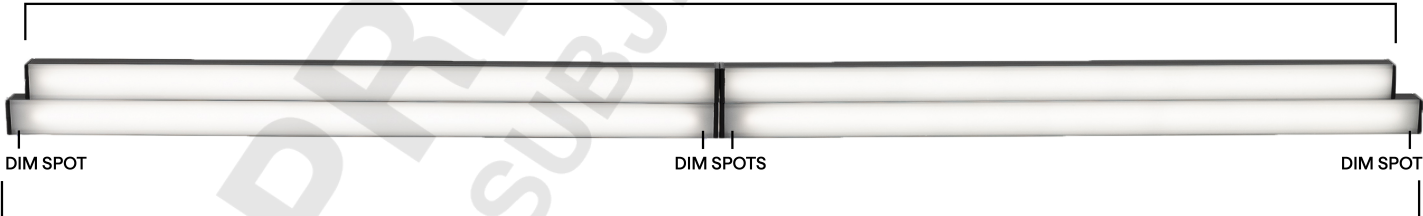


Custom color available

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



VERS-NANO-LOUVER (11) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

DW-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	
	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"		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"

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
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
1%	QZ-DALI-DT8
10%	Non-Dim Power Supply with TW App Dongle



VERS-NANO-LOUVER (11) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Surface & Recessed

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

COMPATIBLE MOUNTING ACCESSORIES

HINGE - HMB-M

Adjustable mounting bracket - Medium

HINGE - HMB-L

Adjustable mounting bracket - Large

HINGE - HMB-XL

Adjustable mounting bracket - XLarge

Q-PIVOT

Small mounting accessory

Q-ANGLE

Adjustable mounting accessory

NJ-LARGE

J Mounting Bracket

NU-LARGE

U Mounting Bracket

SD-J-LARGE

J Mounting Bracket

BL-LARGE

Backwards L Mounting Bracket

NL-LARGE

L Mounting Bracket

SD-L-LARGE

L Mounting Bracket

COMPATIBLE WIRING ACCESSORIES

Q-mini-J5

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



VERS-NANO-LOUVER (11) FOR TUNABLE APPLICATIONS

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

PRELIMINARY
SUBJECT TO CHANGE