



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

24VDC Linear Fixtures - Surface & Recessed

white optics

cULus LISTED

RoHS COMPLIANT

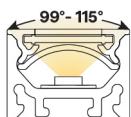
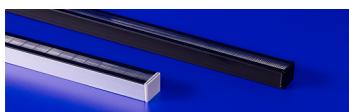
EPD ENVIRONMENTAL PRODUCT DECLARATION

5 YEAR WARRANTY

BABA

DW-HE ONLY

Red List Approved



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

7 WIRE INPUT/ OUTPUT	8 CONNECTOR/ WIRE IN	9 CONNECTOR/ WIRE OUT	10 WIRE COLOR	11 WIRE TYPE	12 MOUNTING	13 FINISH	14 LENGTH (IN)	15 EXACT/ OPTIMAL

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

1 PRODUCT VERS-11-WD See following pages for compatible power supplies.	2 WATTS/FT 6.0 6.0W/ft 1.5HE 1.5W/ft HE 2.5HE 2.5W/ft HE 1.5HE 1.5W/ft HE 2.5HE 2.5W/ft HE 4.0HE 4.0W/ft HE 1.5HE 1.5W/ft HE 2.5HE 2.5W/ft HE	3 CCT 19/27 1900K/2700K 19/30 1900K/3000K 24/30 2400K/3000K 27/40 2700K/4000K 18/30 1800K/3000K 18/35 1800K/3500K 20/27 2000K/2700K 20/30 2000K/3000K 24/40 2400K/4000K 27/40 2700K/4000K 22/30 2200K/3000K 22/35 2200K/3500K 24/30 2400K/3000K 24/40 2400K/4000K 27/40 2700K/4000K	4 RATED DRY IP20 Can be suitable for exterior use, contact factory for more information DMP IP54 DRY IP20	5 INTERNAL LENS DF 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.	6 INTERNAL LOUVER C Crosswise Internal L Lengthwise Internal Louver slats are angled. Refer to diagrams to identify the side of the fixture with the most visual cutoff.
7 WIRE INPUT/OUTPUT SINGLE (Input only) S1A End Feed S1B End Feed S2A Bottom Feed S2B Bottom Feed When using TBC Mounting, a bare wire S2 wire feed is recommended. See install instructions for details.	8 CONNECTOR/WIRE IN BW Bare Wire (Standard 36") CON6 Connector 6" CON24 Connector 24" BW Standard length is 36", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)	9 CONNECTOR/WIRE OUT CLS Closed End (No feed)	10 WIRE COLOR WH White BK Black		
11 WIRE TYPE CL2 Class 2 CL2P Plenum Rated CL2P only available with bare wire leads (BW)	12 MOUNTING 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	13 FINISH ST Satin BK Black BZ Bronze WH White CU Custom 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	14 LENGTH (IN) Minimum length is 12", maximum length is 98" not including end caps. Contact us for lengths under 12".	15 EXACT/OPTIMAL O Optimal Illumination E 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.	

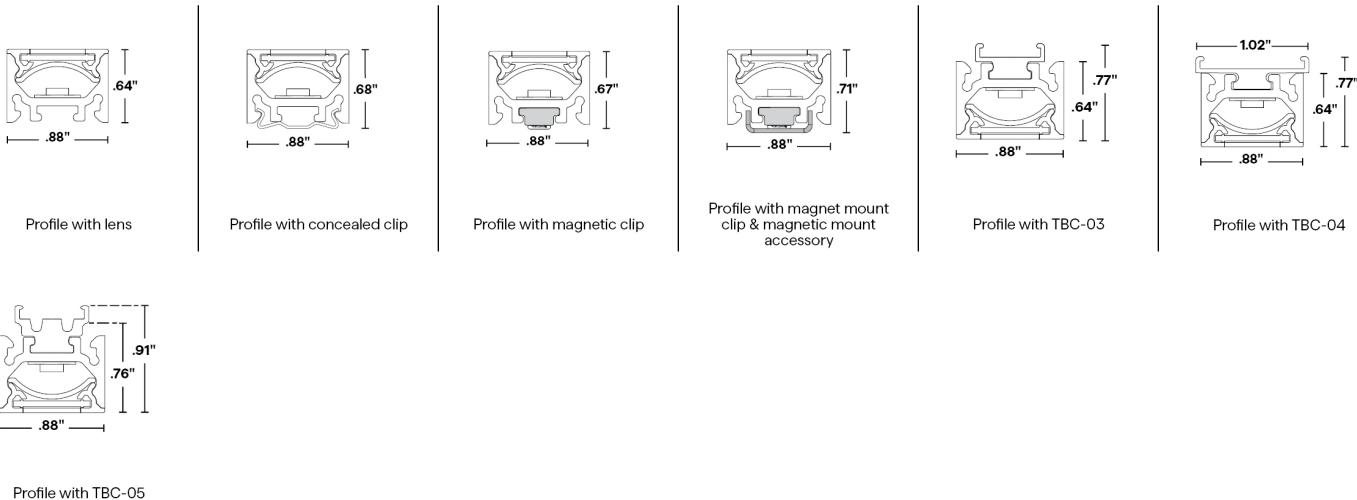
5 year warranty | Warranty only valid with QTL power supplies | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance



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

24VDC Linear Fixtures - Surface & Recessed

1 PRODUCT - DIMENSIONS



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

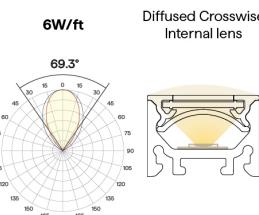
5 DIODE VISIBILITY



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 USA

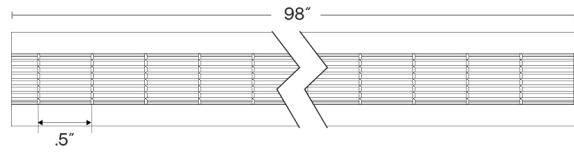
24VDC Linear Fixtures - Surface & Recessed

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

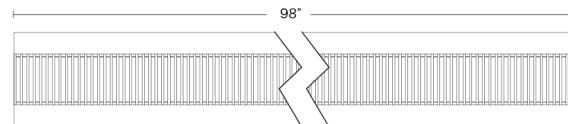
INTERNAL LOUVER - LENGTHWISE



L



INTERNAL LOUVER - CROSSWISE



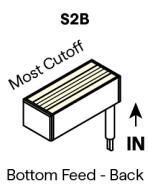
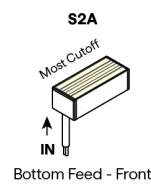
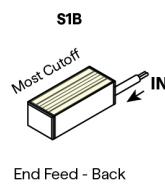
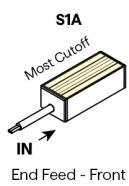
C



7 WIRE INPUT/OUTPUT

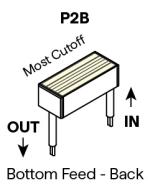
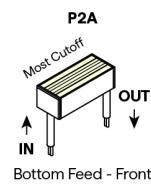
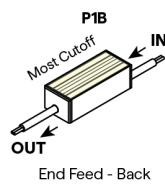
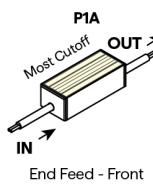
LENGTHWISE - SINGLE (Input only)

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.



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.



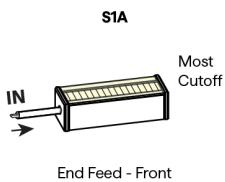


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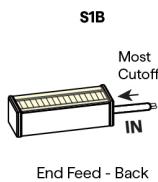
24VDC Linear Fixtures - Surface & Recessed

CROSSWISE - SINGLE (Input only)

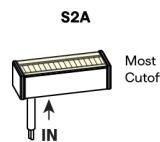
Reduced End View Glare - Louver slats are angled towards one end of the fixture. Refer to diagrams to identify the side of the fixture with the most visual cutoff.



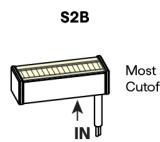
End Feed - Front



End Feed - Back



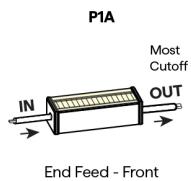
Bottom Feed - Front



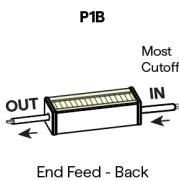
Bottom Feed - Back

CROSSWISE - PASS THROUGH (Input /Output)

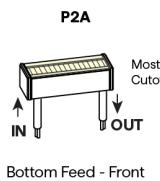
Reduced End View Glare - Louver slats are angled towards one end of the fixture. Refer to diagrams to identify the side of the fixture with the most visual cutoff.



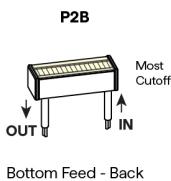
End Feed - Front



End Feed - Back



Bottom Feed - Front

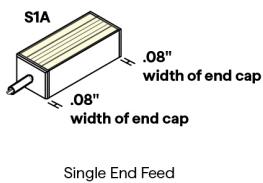


Bottom Feed - Back

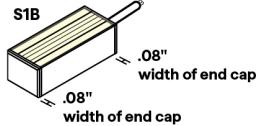
CONFIGURATION OPTIONS

LENGTHWISE

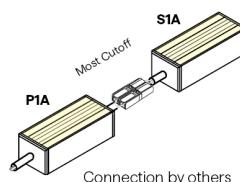
Reduced Side View Glare - Louver slats are angled towards one side of the fixture. Refer to diagrams to identify the side of the fixture with the most visual cutoff.



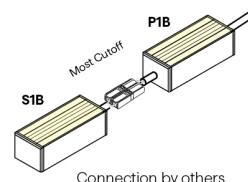
Single End Feed



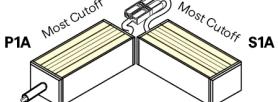
Single End Feed



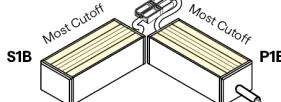
Non-Continuous End Feed



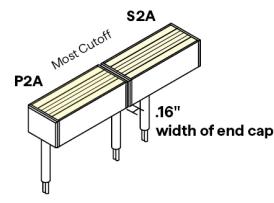
Non-Continuous End Feed



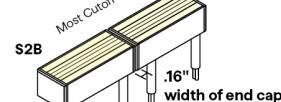
Connection by others
Non-Continuous Corner Feed



Connection by others
Non-Continuous Corner Feed



Continuous Bottom Feed



Continuous Bottom Feed

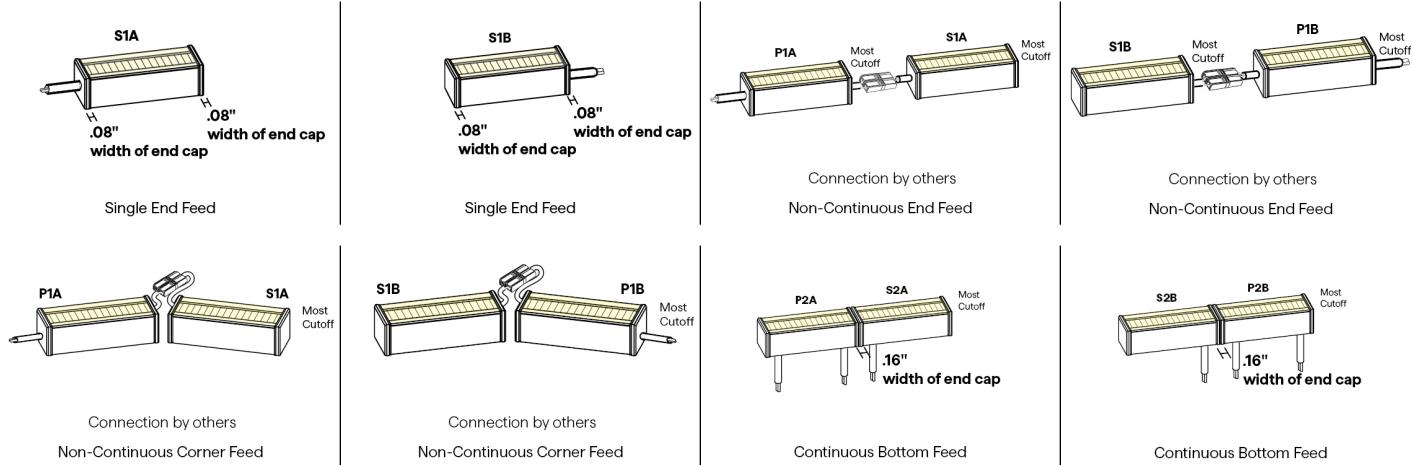


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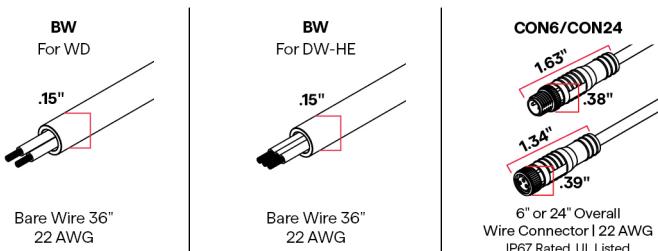
CROSSWISE

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

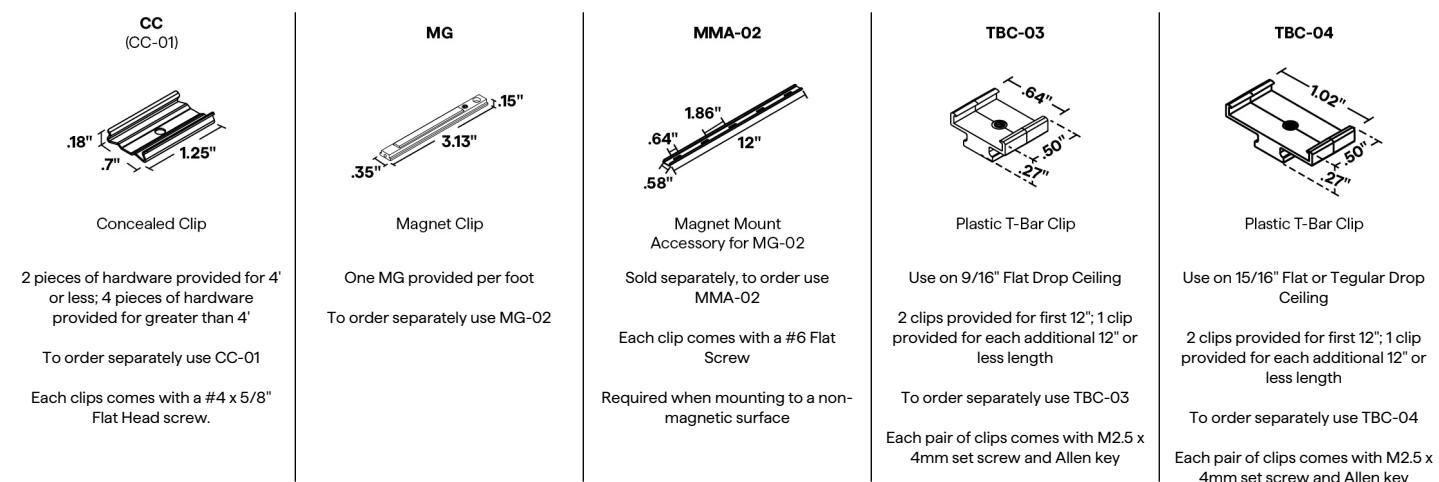
Connector/Wire In or Out not needed to specify product.



10 WIRE COLOR



12 MOUNTING



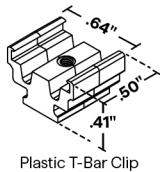


VERS-NANO-LOUVER (11) FOR WARM DIM APPLICATIONS USA

24VDC Linear Fixtures - Surface & Recessed

MOUNTING CONTINUED

TBC-05



Use on 9/16" Regular 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



Satin

Black

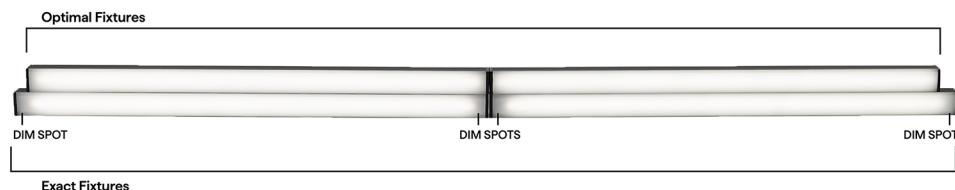
Bronze

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 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
12"	10.49"	10.74"	10.34"	10.44"
13"	12.49"	12.74"	12.34"	12.44"
14"	12.49"	12.74"	12.34"	12.44"
15"	14.49"	14.74"	14.34"	14.44"
16"	14.49"	14.74"	14.34"	14.44"
17"	16.49"	16.74"	16.34"	16.44"
18"	16.49"	16.74"	16.34"	16.44"
19"	18.49"	18.74"	18.34"	18.44"
20"	18.49"	18.74"	18.34"	18.44"
21"	20.49"	20.74"	20.34"	20.44"
22"	20.49"	20.74"	20.34"	20.44"
23"	22.49"	22.74"	22.34"	22.44"
24"	22.49"	22.74"	22.34"	22.44"
36"	34.49"	34.74"	34.34"	34.44"
48"	46.49"	46.74"	46.34"	46.44"
60"	58.49"	58.74"	58.34"	58.44"
72"	70.49"	70.74"	70.34"	70.44"
84"	82.49"	82.74"	82.34"	82.44"
96"	94.49"	94.74"	94.34"	94.44"

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".

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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
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	
	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

HINGE - HMB-M 1.41" 1.71"	HINGE - HMB-L 1.46" 1.29" 1.46"	HINGE - HMB-XL 4" 1.46"	Q-PIVOT 75" 1.03"	Q-ANGLE 1.38" 2.23"	NJ-LARGE 	NU-LARGE 	SD-J-LARGE 	BL-LARGE Backwards L Mounting Bracket	NL-LARGE L Mounting Bracket
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		
SD-L-LARGE L Mounting Bracket	MMA-02 Magnet Mount Accessory for MG-02 1.86" .64" 12" .58"								

COMPATIBLE WIRING ACCESSORIES

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