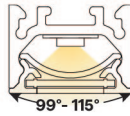




# VERS-NANO-LOUVER-SK (11) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Suspended



- Features a co-extruded lens with integrated louvers that provide 35° viewing angles, delivering exceptional glare control ideal for direct view applications.
- 80 Suspension Kit configurations allow fixture to be seamlessly incorporated into any interior.
- Create long, continuous lines of light with easy-to-use inline bracket and double feed joiner connectors.
- 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.

## 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
	BW	CLS	SV	AWM	SK			

Sample Part Number: **VERS-11-SK-DW-2.5HE-20/30-DRY-DF-C-S2A-CON6-CON6-BK-CL2-MG-BK-48"-E**

1

PRODUCT

VERS-11-SK-DW

VERS-11-SK-DW-USA

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.

2

WATTS/FT

1.5HE

1.5W/ft HE

2.5HE

2.5W/ft HE

4.0HE

4.0W/ft HE

3

CCT

20/27

2000K/2700K

20/30

2000K/3000K

27/40

2700K/4000K

27/55

2700K/5500K

4

RATED

DRY

IP20

DMP

IP54

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.

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)

S2A Bottom Feed

S2B Bottom Feed

8

CONNECTOR/WIRE IN

BW

Bare Wire (Standard 36")

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

SV

Silver

11

WIRE TYPE

AWM

Appliance Wiring Material

12

MOUNTING

SK

Suspension Bracket

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.

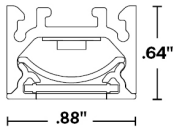
5 year warranty | Warranty only valid with QTL power supplies | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance



# VERS-NANO-LOUVER-SK (11) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Suspended

## 1 PRODUCT - DIMENSIONS



Profile with lens

## 2 DELIVERED LUMENS

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

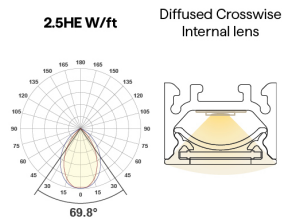
## 5 DIODE VISIBILITY



DF - Diffused lens

## PHOTOMETRIC PERFORMANCE

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



## 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	
		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
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	—	—	—	—

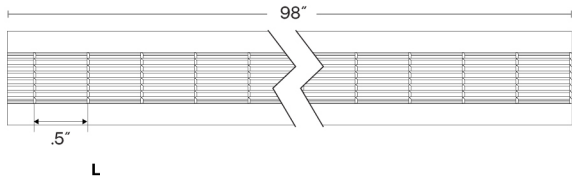


# VERS-NANO-LOUVER-SK (11) FOR TUNABLE APPLICATIONS

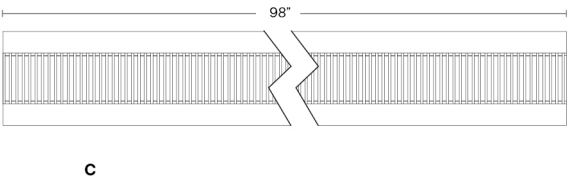
24VDC Linear Fixtures - Suspended

## 6 INTERNAL LOUVER

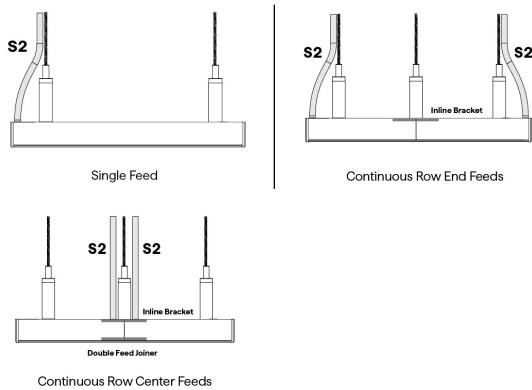
INTERNAL LOUVER - LENGTHWISE



INTERNAL LOUVER - CROSSWISE



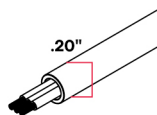
## CONFIGURATION OPTIONS



## 8 / 9 CONNECTOR/WIRE – IN/OUT

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

BW



Bare Wire 36" | 22 AWG  
Clear outer jacket, metal shield

## 10 WIRE COLOR

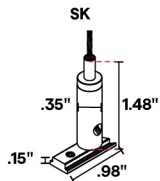




# VERS-NANO-LOUVER-SK (11) FOR TUNABLE APPLICATIONS

## 24VDC Linear Fixtures - Suspended

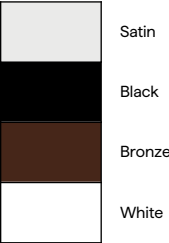
### 12 MOUNTING



Suspension Bracket

2 required up to 6' lengths;  
additional support required  
between 6' to 8'

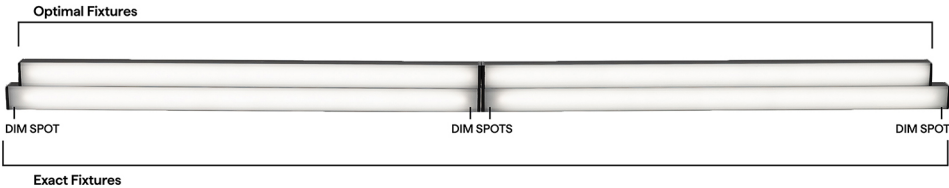
### 13 FINISH



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.

### 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.



### DW-HE DRY, DMP LENGTHS BY INCH

Available in any length in between 24" 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 24".

#### 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	S2 S2 IN
12"	10.59"
13"	12.59"
14"	12.59"
15"	14.59"
16"	14.59"
17"	16.59"
18"	16.59"
19"	18.59"
20"	18.59"
21"	20.59"
22"	20.59"
23"	22.59"
24"	22.59"
36"	34.59"
48"	46.59"
60"	58.59"
72"	70.59"
84"	82.59"
96"	94.59"



# VERS-NANO-LOUVER-SK (11) FOR TUNABLE APPLICATIONS

## 24VDC Linear Fixtures - Suspended

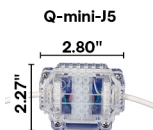
### COMPATIBLE POWER SUPPLIES

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

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 WIRING ACCESSORIES



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



# VERS-NANO-LOUVER-SK (11) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Suspended

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## COMPATIBLE CONTROL ACCESSORIES

### SCENE APP DONGLE



Wi-Fi or Bluetooth  
Connectivity

## COMPATIBLE APPS

### NFC APP



Read and write  
DMX addresses and  
adjust voltage



# VERS-SK

## Linear Fixtures - Suspended



- Shop drawings required for run lengths over 8ft
- If no suspension length provided, 36" is standard
- Suspension cable maximum length: 120"
- Suspension cable is field cuttable
- Suspended fixtures over 6ft require additional suspension points. 8ft lengths will bow 0.25" in middle without additional support.
- Any run length over 8' requires inline brackets
- Consult factory for power over aircraft
- Consult factory for custom color of canopy
- Lag Screw is for mounting into drywall, wood, or other types of finished ceilings for non-feed mounting only

### POWER FEED SUSPENSION KIT

1	2	3	4	5	6	7
PRODUCT	FEED	CANOPY SHAPE	CANOPY SIZE	CANOPY FINISH	APPLICATION	SUSPENSION CABLE LENGTH (IN)
SK			5"			

Sample Part Number: **SK-SF-RD-5"-WH-JB-36"**

1	2	3	4	5	6	7
PRODUCT	FEED	CANOPY SHAPE	CANOPY SIZE	CANOPY FINISH	APPLICATION	SUSPENSION CABLE LENGTH (IN)
SK	SF DF Single Double	RD SQ Round Square	5"	WH BK White Black	JB TB Junction Box T-Bar Mount  JB - mounting bracket only, junction box not included TB - mounting bracket and junction box	36" 120"

### NON-FEED SUSPENSION KIT

1	2	3	4	5	6	7
PRODUCT	FEED	CANOPY SHAPE	CANOPY SIZE	CANOPY FINISH	APPLICATION	SUSPENSION CABLE LENGTH (IN)
SK	NF					

Sample Part Number: **SK-SF-RD-5"-WH-JB-36"**

1	2	3	4	5	6	7
PRODUCT	FEED	CANOPY SHAPE	CANOPY SIZE	CANOPY FINISH	APPLICATION	SUSPENSION CABLE LENGTH (IN)
SK	NF No Feed	RD SQ Round Square	2" 5"  5"	WH BK White Black  WH BK White Black	TB LS T-Bar Mount Lag Screw  TB - T-Bar clip only, junction box not included  JB Junction Box  Mounting bracket only, junction box not included	36" 120"

### KIT CONTENTS

- 1/16" Steel suspension cable – 36" standard
- Selected canopy
- Cable Gripper
- Cable Coupler

#### JBOX

- Bracket to mount to junction box (junction box not included)
- Wire strain relief
- Ties for securing electrical cable to suspension cable

#### T-BAR – feed

- Includes junction box specifically designed for T-BAR applications
- Bracket to mount to junction box
- Wire strain relief
- Ties for securing electrical wire to suspension cable

#### T-BAR – non-feed

- Bracket to mount to T-BAR (no junction box)

#### LAG SCREW – non-feed only

- Double ended screw, with a wood thread side and machine thread side
- One piece cable coupler



# VERS-SK

Linear Fixtures - Suspended

## 3 CANOPY OPTIONS

RD - 2" - NF



Round  
2"  
No Feed

SQ - 2" - NF



Square  
2"  
No Feed

RD - 5" - NF



Round  
5"  
No Feed

SQ - 5" - NF



Square  
5"  
No Feed

RD - 5" - SF



Round  
5"  
Single Feed

SQ - 5" - SF



Square  
5"  
Single Feed

RD - 5" - DF



Round  
5"  
Double Feed

SQ - 5" - DF



Square  
5"  
Double Feed

## 5 CANOPY FINISH



White

Black

## JOINTS/CONNECTORS



Inline Bracket



Double Feed Joiner

## 6 APPLICATION

TB  
Power Feed Kit



T-Bar Junction Box

TB  
Non-Feed Kit



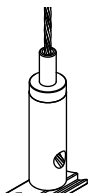
T-Bar Clip

LS



Lag Screw

## KIT HARDWARE



Cable Gripper



Cable Coupler



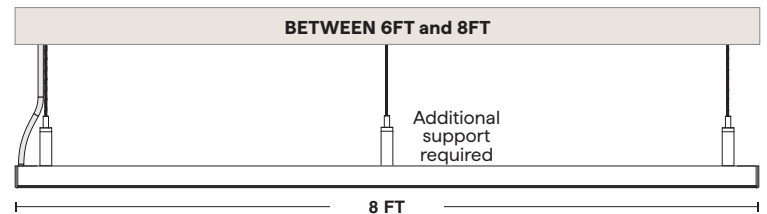
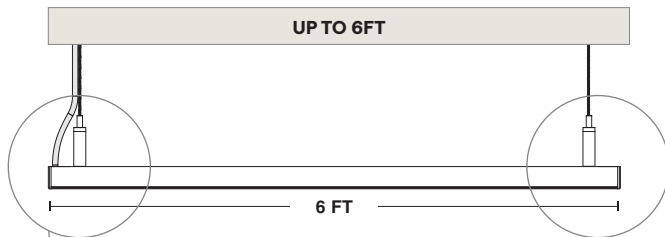


## VERS-SK

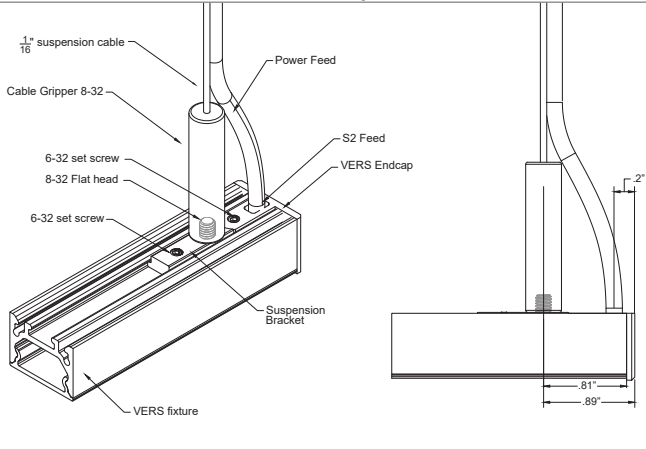
### Linear Fixtures - Suspended

#### MOUNTING

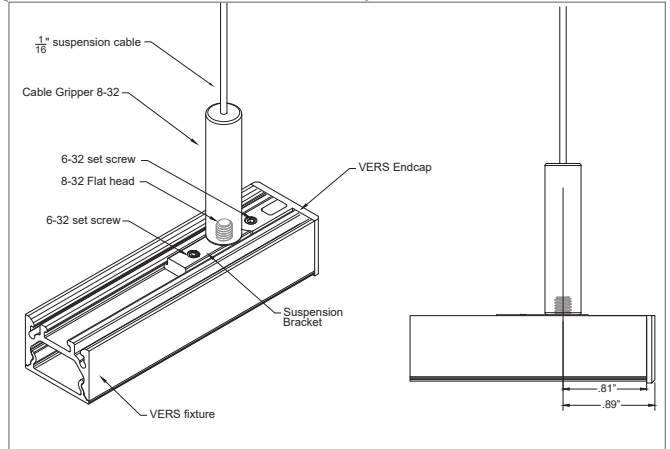
- Maximum single fixture length: 98"
- Suspended fixtures over 6ft require additional suspension points. 8ft lengths will bow 0.25" in middle without additional support.
- Shop drawings required for run lengths over 8ft
- Any double fed fixture will come with double feed joiner and inline bracket



#### Power Feed Suspension



#### Non-Feed Suspension





# VERS-SK

## Linear Fixtures - Suspended

### MOUNTING

- Maximum single fixture length: 98"
- Suspended fixtures over 6ft require additional suspension points. 8ft lengths will bow 0.25" in middle without additional support.
- Shop drawings required for run lengths over 8ft
- Any double fed fixture will come with double feed joiner and inline bracket



Part number example for a suspended VERS-01 dry rated static white fixture with a diffused lens in 1.5W/ft, 3000K, in a satin finish:

**A** VERS-01-SK-SW-1.5-30-DRY-DF-N/A-S2-BW-CLS-SV-AWM-SK-ST-144" (1X)  
SK-SF-RD-5"-WH-JB-36" (2X)  
SK-NF-RD-5"-WH-JB-36" (1X)

**B** VERS-01-SK-SW-1.5-30-DRY-DF-N/A-S2-BW-CLS-SV-AWM-SK-ST-144" (1X)  
SK-DF-RD-5"-WH-JB-36" (1X)  
SK-NF-RD-5"-WH-JB-36" (2X)





## VERS-SK

Linear Fixtures - Suspended

### SUSPENSION T-BAR POWER FEED ASSEMBLY

SK-SF-RD-5-\*\*-TB-36



### VERS SUSPENSION COMPONENTS

- |   |           |   |                    |    |               |    |        |    |               |    |             |    |              |
|---|-----------|---|--------------------|----|---------------|----|--------|----|---------------|----|-------------|----|--------------|
| 1 | VERS      | 2 | Suspension Bracket | 3  | 8-32 Screw    | 4  | Endcap | 5  | Cable Gripper | 6  | 1/16" Cable | 7  | Tie          |
| 8 | Lead Wire | 9 | Cable Coupler      | 10 | Strain Relief | 11 | Canopy | 12 | Crossbar      | 13 | 1/4"-20     | 14 | Ground Screw |



## VERS-SK

Linear Fixtures - Suspended

### SUSPENSION POWER FEED ASSEMBLY - TO MOUNT TO JUNCTION BOX\*

\*JUNCTION BOX NOT INCLUDED

SK-SF-RD-5-\*\*-JB-36



#### VERS SUSPENSION COMPONENTS

- |   |           |   |                    |    |               |    |        |    |               |    |             |    |              |
|---|-----------|---|--------------------|----|---------------|----|--------|----|---------------|----|-------------|----|--------------|
| 1 | VERS      | 2 | Suspension Bracket | 3  | 8-32 Screw    | 4  | Endcap | 5  | Cable Gripper | 6  | 1/16" Cable | 7  | Tie          |
| 8 | Lead Wire | 9 | Cable Coupler      | 10 | Strain Relief | 11 | Canopy | 12 | Crossbar      | 13 | 1/4"-20     | 14 | Ground Screw |



## VERS-SK

Linear Fixtures - Suspended

### SUSPENSION T-BAR NON-FEED ASSEMBLY

SK-NF-RD-2-NF-\* -TB-36



### NON-POWERED FEED KIT

<b>1</b> VERS	<b>2</b> Suspension Bracket	<b>3</b> 8-32 Screw	<b>4</b> Endcap	<b>5</b> Cable Gripper
<b>6</b> 1/16" Cable	<b>7</b> Cable Coupler	<b>8</b> Canopy	<b>9</b> T-Bar Clip	



## VERS-SK

Linear Fixtures - Suspended

### LAG SCREW NON-FEED ASSEMBLY

SK-NF-RD-2-NF-\*-LS-36



#### NON-POWERED FEED KIT

<b>1</b> VERS	<b>2</b> Suspension Bracket	<b>3</b> 8-32 Screw	<b>4</b> Endcap	<b>5</b> Cable Gripper
<b>6</b> 1/16" Cable	<b>7</b> Cable Coupler	<b>8</b> Canopy	<b>9</b> Lag Screw	