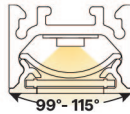
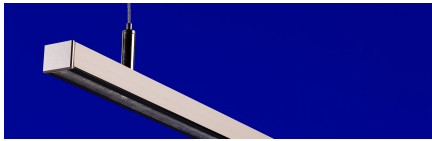




# VERS-NANO-LOUVER-SK (11) FOR WARM DIM APPLICATIONS

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-WD-6.0-19/30-DRY-DF-C-S2A-CON6-CON6-BK-CL2-MG-BK-48"-E**

1	2	3	4	5	6
PRODUCT	WATTS/FT	CCT	RATED	INTERNAL LENS	INTERNAL LOUVER
<b>VERS-11-SK-WD</b>  LED engine is built with 2 wires suitable for phase dimming control. 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	<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.	<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-SK-DW</b> <b>VERS-11-SK-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 last page 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>18/30</b> 1800K/3000K <b>18/35</b> 1800K/3500K <b>20/27</b> 2000K/2700K <b>20/30</b> 2000K/3000K <b>24/40</b> 2400K/4000K <b>27/40</b> 2700K/4000K <b>27/55</b> 2700K/5500K	<b>DRY</b> IP20		
	<b>1.5HE</b> 1.5W/ft HE <b>2.5HE</b> 2.5W/ft HE	<b>22/30</b> 2200K/3000K <b>22/35</b> 2200K/3500K <b>24/30</b> 2400K/3000K <b>24/40</b> 2400K/4000K <b>27/40</b> 2700K/4000K	<b>DMP</b> IP54		

7	8	9	10
WIRE INPUT/OUTPUT	CONNECTOR/WIRE IN	CONNECTOR/WIRE OUT	WIRE COLOR
<b>SINGLE (Input Only)</b> <b>S2A</b> Bottom Feed <b>S2B</b> Bottom Feed	<b>BW</b> 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)	<b>CLS</b> Closed End (No feed)  BW: Standard length is 36", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)	<b>SV</b> Silver

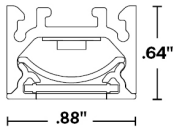
11	12	13	14	15
WIRE TYPE	MOUNTING	FINISH	LENGTH (IN)	EXACT/OPTIMAL
<b>AWM</b> Appliance Wiring Material	<b>SK</b> Suspension Bracket	<b>ST</b> Satin <b>BK</b> Black <b>BZ</b> Bronze <b>WH</b> White <b>CU</b> Custom  Finish applies only to aluminum extrusion and endcaps; cover lens and internal louver are always black. Custom finishes have longer lead times. Non-RAL 9003 whites are 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.



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

24VDC Linear Fixtures - Suspended

## 1 PRODUCT - DIMENSIONS



Profile with lens

## 2 DELIVERED LUMENS

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

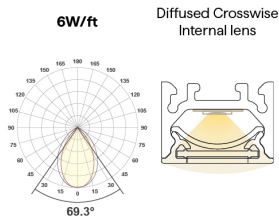
## 5 DIODE VISIBILITY



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

		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		QTL power supply other than DALI, DMX	
		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	—	—	—	—

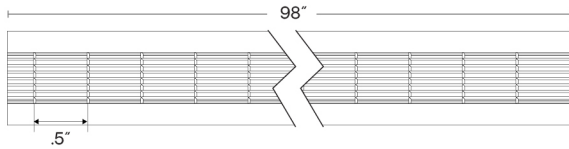


# VERS-NANO-LOUVER-SK (11) FOR WARM DIM APPLICATIONS

24VDC Linear Fixtures - Suspended

## 6 INTERNAL LOUVER

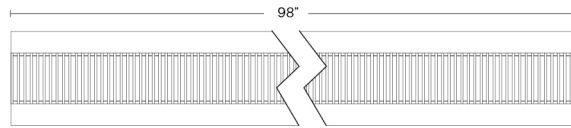
INTERNAL LOUVER - LENGTHWISE



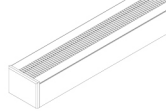
L



INTERNAL LOUVER - CROSSWISE



C

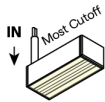


## 7 WIRE INPUT/OUTPUT

SINGLE (Input only)

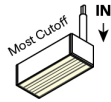
Reduced Side View Glare - Louver slats are angled towards one side of the fixture. Refer to diagrams to identify the side of the fixture with the most visual cutoff.

S2A



Bottom Feed - Front

S2B

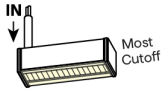


Bottom Feed - Back

CROSSWISE - SINGLE (Input only)

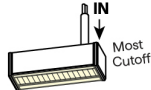
Reduced End View Glare - Louver slats are angled towards one end of the fixture. Refer to diagrams to identify the side of the fixture with the most visual cutoff.

S2A



Bottom Feed - Front

S2B

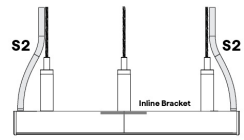


Bottom Feed - Back

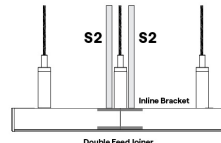
## CONFIGURATION OPTIONS



Single Feed



Continuous Row End Feeds

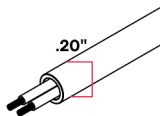


Continuous Row Center Feeds

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

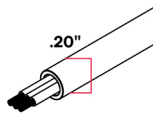
Connector/Wire In or Out not needed to specify product.

BW  
For WD



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

BW  
For DW-HE



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

## 10 WIRE COLOR



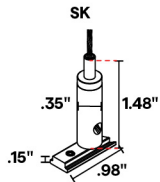
Silver



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

## 24VDC Linear Fixtures - Suspended

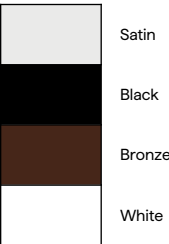
### 12 MOUNTING



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

[E/O Length Calculator →](#)

[E/O Explained →](#)

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.



### WD DRY 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	S2A/B
12"	11.51"
13"	12.51"
14"	13.51"
15"	14.51"
16"	15.51"
17"	16.51"
18"	17.51"
19"	18.51"
20"	19.51"
21"	20.51"
22"	21.51"
23"	22.51"
24"	23.51"
36"	35.51"
48"	47.51"
60"	59.51"
72"	71.51"
84"	83.51"
96"	95.51"



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

24VDC Linear Fixtures - Suspended

DW-HE DRY DMP LENGTHS BY INCH

EXACT LENGTH		OPTIMAL LENGTH	
Requested Length	Potential dim spot on either end of a S1 fixture	Requested Nominal Length	S2A/B
	<div>S1</div> <div></div> <div>End Feed</div>		<div>S2</div> <div></div> <div>Bottom Feed</div>
12"	1"	12"	11.41"
13"	0.5"	13"	12.41"
14"	1"	14"	13.41"
15"	0.5"	15"	14.41"
16"	1"	16"	15.41"
17"	0.5"	17"	16.41"
18"	1"	18"	17.41"
19"	0.5"	19"	18.41"
20"	1"	20"	19.41"
21"	0.5"	21"	20.41"
22"	1"	22"	21.41"
23"	0.5"	23"	22.41"
24"	1"	24"	23.41"
36"	1"	36"	35.41"
48"	1"	48"	47.41"
60"	1"	60"	59.41"
72"	1"	72"	71.41"
84"	1"	84"	83.41"
96"	1"	96"	95.41"

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 Warm Dim Applications	WD
0.1%	<div>QT-CAB-eLED+DALI-DT6</div> <div>QT-CAB-eLED+DALI-DT8</div> <div>QT-CAB-eLED+DALI-DT8-AWN</div> <div>QT-CAB-eLED+WD</div> <div>QT-CAB-eLED+WD-AWN</div> <div>QTM-eLED+DALI-DT6</div> <div>QTM-eLED+DALI-DT8</div> <div>QTM-eLED+DALI-DT8-AWN</div> <div>QTM-eLED+WD</div> <div>QTM-eLED+WD-AWN</div> <div>QZ-DW</div>	<div>QT-CAB-QZ-PH/0-10V</div> <div>QT-CAB-eLED+0-10V</div> <div>QT-CAB-eLED+DALI-DT6</div> <div>QT-CAB-eLED+DALI-DT6-AWN</div> <div>QTM-eLED+0-10V</div> <div>QTM-eLED+DALI-DT6</div> <div>QTM-eLED+DALI-DT6-AWN</div> <div>QZ-BOWTIE+DIMMER</div> <div>QZ-DMX</div> <div>QZ-PH/0-10V</div> <div>QZ-STICK-PH/0-10V</div> <div>QZLP</div>
1%	<div>QZ-DALI-DT8</div>	<div>QTM-eLED(E)</div> <div>QZ-DALI-DT6</div>
10%	<div>Non-Dim Power Supply with WD App Dongle</div>	<div>Non-Dim Power Supply with SW App Dongle</div>



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

24VDC Linear Fixtures - Suspended

DIMMING PROTOCOL	INDOOR	
	DW-HE Warm Dim Applications	WD
Phase	QZ-DW	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+WD QT-CAB-eLED+WD-AWN QTM-eLED+WD QTM-eLED+WD-AWN QZ-DW	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+WD-AWN QTM-eLED+DALI-DT8-AWN QTM-eLED+WD-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
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 WD App Dongle	Non-Dim Power Supply with SW App Dongle

COMPATIBLE WIRING ACCESSORIES

Q-mini-J

2"

1.25"

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

Q-mini-J5

2.80"

2.27"

UL 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



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

24VDC Linear Fixtures - Suspended

---

## 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



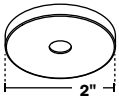


# VERS-SK

Linear Fixtures - Suspended

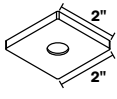
## 3 CANOPY OPTIONS

RD - 2" - NF



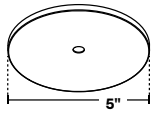
Round  
2"  
No Feed

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

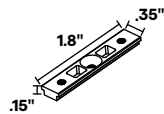
## 5 CANOPY FINISH



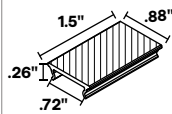
White

Black

## JOINTS/CONNECTORS



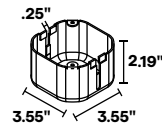
Inline Bracket



Double Feed Joiner

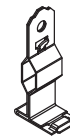
## 6 APPLICATION

TB  
Power Feed Kit



T-Bar Junction Box

TB  
Non-Feed Kit



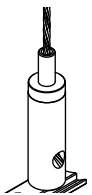
T-Bar Clip

LS



Lag Screw

## KIT HARDWARE



Cable Gripper



Cable Coupler



## VERS-SK

### Linear Fixtures - Suspended

#### MOUNTING

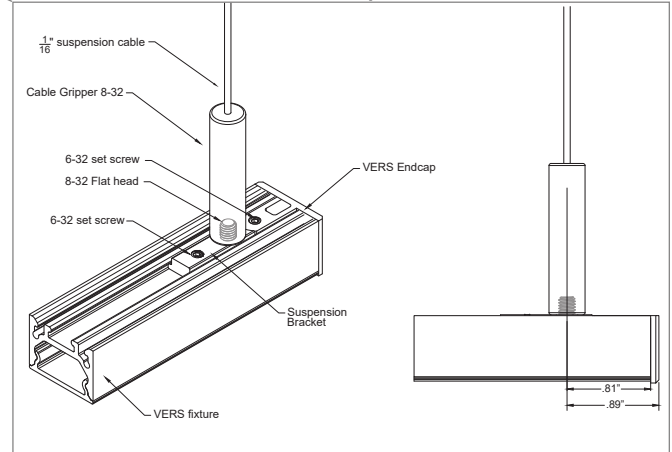
- Maximum single fixture length: 98"
- Suspended fixtures over 6ft require additional suspension points. 8ft lengths will bow 0.25" in middle without additional support.
- Shop drawings required for run lengths over 8ft
- Any double fed fixture will come with double feed joiner and inline bracket



#### Power Feed Suspension



#### Non-Feed Suspension





## VERS-SK

### Linear Fixtures - Suspended

#### MOUNTING

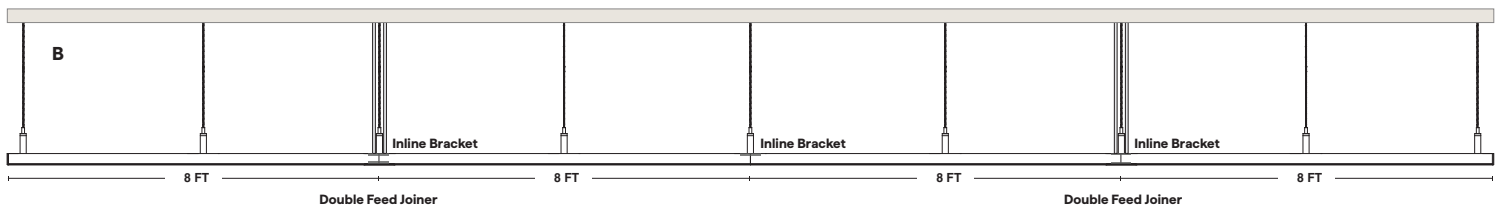
- Maximum single fixture length: 98"
- Suspended fixtures over 6ft require additional suspension points. 8ft lengths will bow 0.25" in middle without additional support.
- Shop drawings required for run lengths over 8ft
- Any double fed fixture will come with double feed joiner and inline bracket



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)



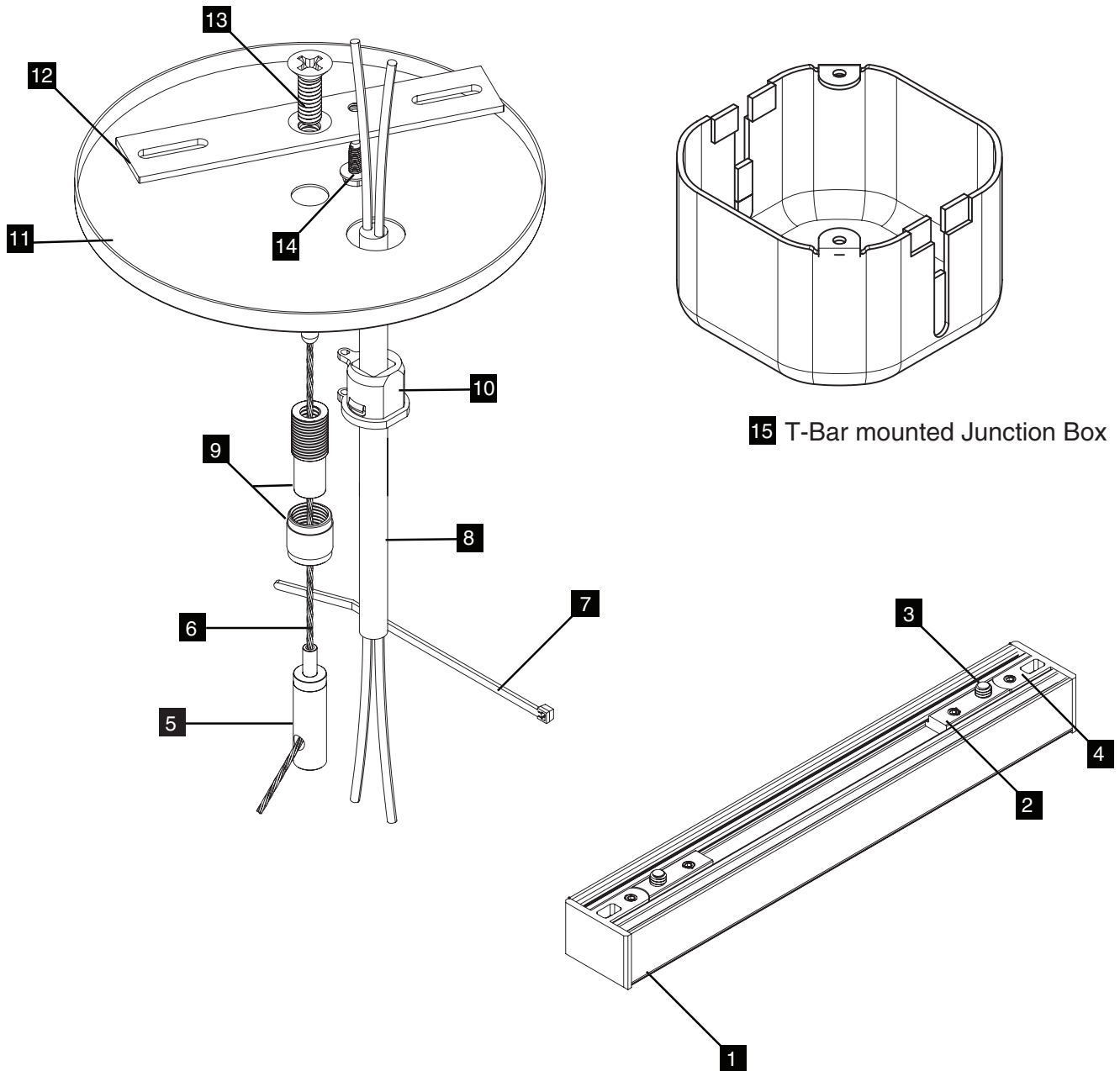


## VERS-SK

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	