



# 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.

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

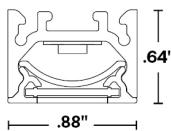
<b>1</b> <b>PRODUCT</b>  VERS-11-SK-DW VERS-11-SK-DW- USA  Select USA option for BAA and BABA projects. Only DRY ratings apply.  LED engine is built with 3 wires requiring 0-10V, DMX or DALI control. Using DALI, DMX, or non QTL power supplies may double watts/ft. See following pages for compatible power supplies.	<b>2</b> <b>WATTS/FT</b>  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	<b>3</b> <b>CCT</b>  20/27 2000K/2700K 20/30 2000K/3000K 27/40 2700K/4000K 27/55 2700K/5500K  24/30 2400K/3000K 27/40 2700K/4000K	<b>4</b> <b>RATED</b>  DRY IP20  DMP IP54	<b>5</b> <b>INTERNAL LENS</b>  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.	<b>6</b> <b>INTERNAL LOUVER</b>  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.
<b>7</b> <b>WIRE INPUT/OUTPUT</b>  S2A Single 2 (Input only) - Bottom Feed S2B Single 2 (Input only) - Bottom Feed	<b>8</b> <b>CONNECTOR/WIRE IN</b>  BW Bare Wire (Standard 36")	<b>9</b> <b>CONNECTOR/WIRE OUT</b>  CLS Closed End (No feed)	<b>10</b> <b>WIRE COLOR</b>  SV Silver		
<b>11</b> <b>WIRE TYPE</b>  AWM Appliance Wiring Material	<b>12</b> <b>MOUNTING</b>  SK Suspension Bracket	<b>13</b> <b>FINISH</b>  ST Satin BK Black BZ Bronze WH White CU 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.	<b>14</b> <b>LENGTH (IN)</b>  Minimum length is 12", maximum length is 98" not including end caps. Contact us for lengths under 12".	<b>15</b> <b>EXACT/OPTIMAL</b>  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.	



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## 1 PRODUCT - DIMENSIONS



Profile with lens

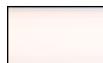
## 2 DELIVERED LUMENS

[Calculated L70 = 70000 hrs]

Tested with VERS-11-SK-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

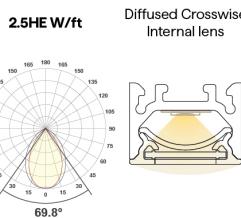
## 5 DIODE VISIBILITY



DF - Diffused lens

## PHOTOMETRIC PERFORMANCE

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



## 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	—	—	—	—

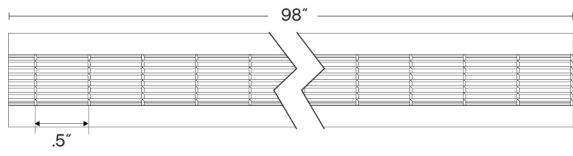


# VERS-NANO-LOUVER-SK (11) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Suspended

## 6 INTERNAL LOUVER

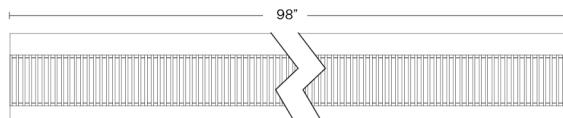
### INTERNAL LOUVER - LENGTHWISE



L



### INTERNAL LOUVER - CROSSWISE



C



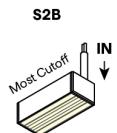
## 7 WIRE INPUT/OUTPUT

### 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.



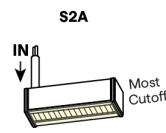
Bottom Feed - Front



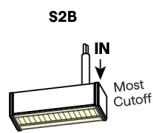
Bottom Feed - Back

### 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.

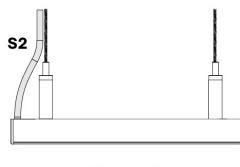


Bottom Feed - Front

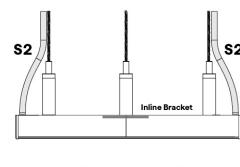


Bottom Feed - Back

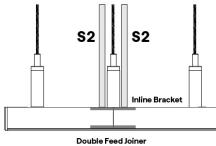
## CONFIGURATION OPTIONS



Single Feed



Continuous Row End Feeds

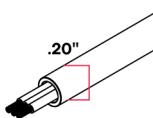


Double Feed Joiner

## 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



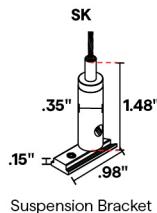
Silver



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

24VDC Linear Fixtures - Suspended

## 12 MOUNTING



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

## 13 FINISH



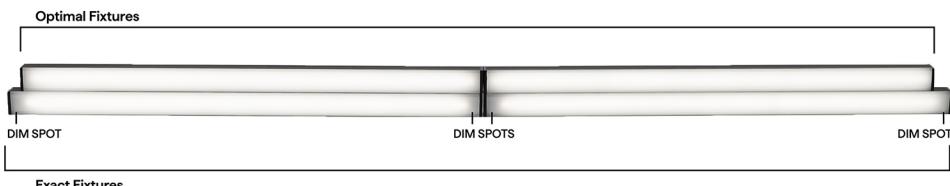
Finish is only applicable to the aluminum extrusion and endcaps. The Cover Lens and Internal Louver is always black. Custom finishes require a longer lead time, consult factory.

## 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.



## 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	S2A/B
12"	11.41"
13"	12.41"
14"	13.41"
15"	14.41"
16"	15.41"
17"	16.41"
18"	17.41"
19"	18.41"
20"	19.41"
21"	20.41"
22"	21.41"
23"	22.41"
24"	23.41"
36"	35.41"
48"	47.41"
60"	59.41"
72"	71.41"
84"	83.41"
96"	95.41"



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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
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

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

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

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

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

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

### KIT CONTENTS

#### JBOX

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

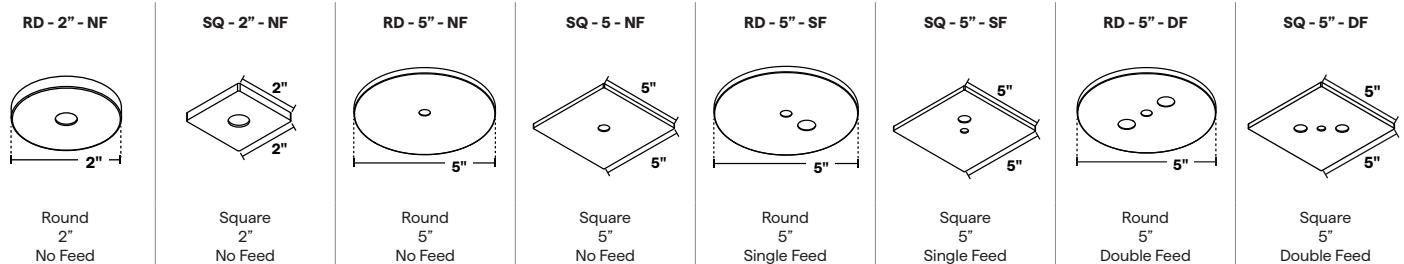
- Double ended screw, with a wood thread side and machine thread side
- One piece cable coupler



## VERS-SK

Linear Fixtures - Suspended

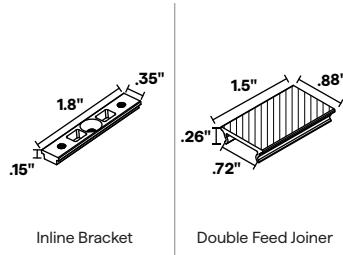
### 3 CANOPY OPTIONS



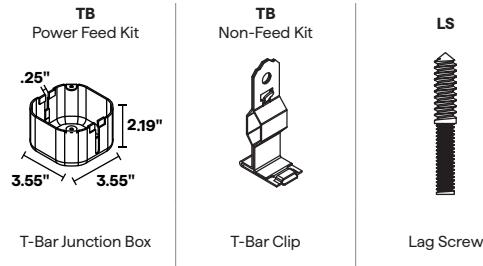
### 5 CANOPY FINISH



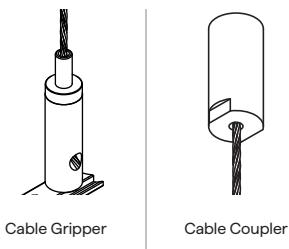
### JOINTS/CONNECTORS



### 6 APPLICATION



### KIT HARDWARE

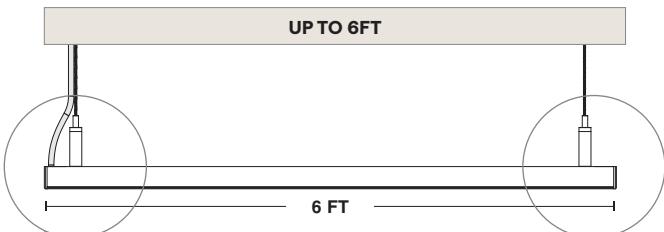




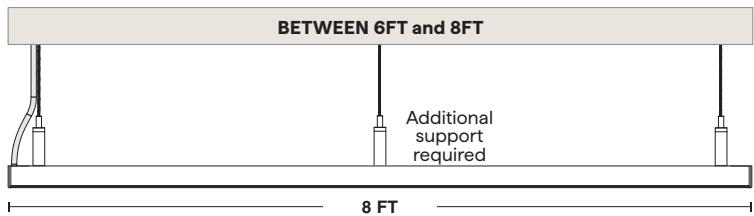
### MOUNTING

- 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

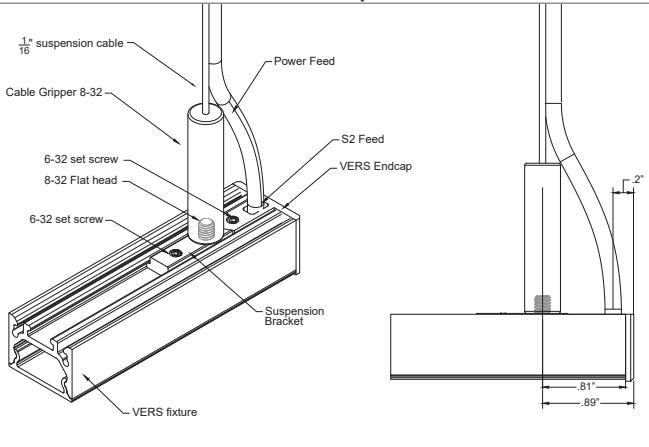
UP TO 6FT



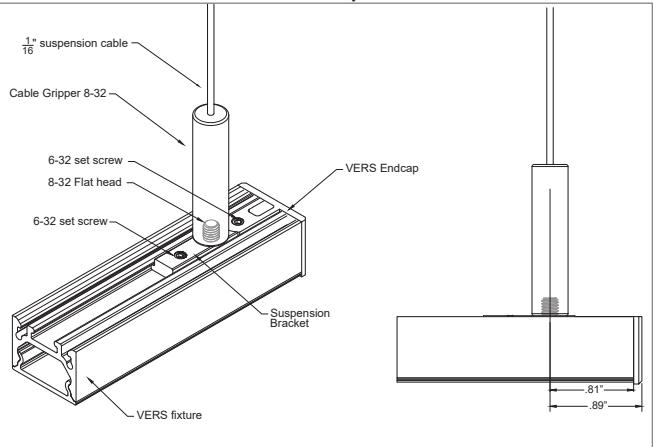
BETWEEN 6FT and 8FT



Power Feed Suspension



Non-Feed Suspension



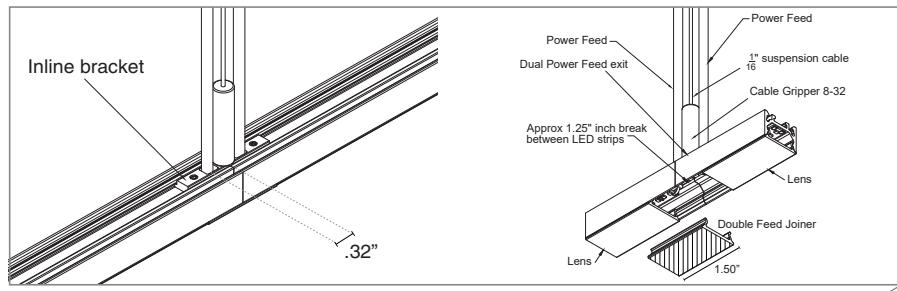


# VERS-SK

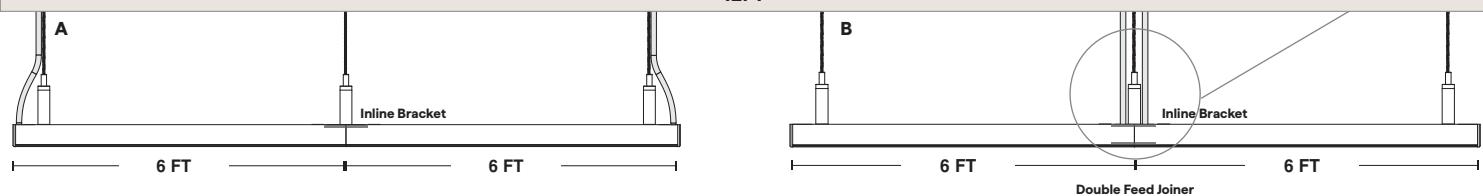
## Linear Fixtures - Suspended

### 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



12FT

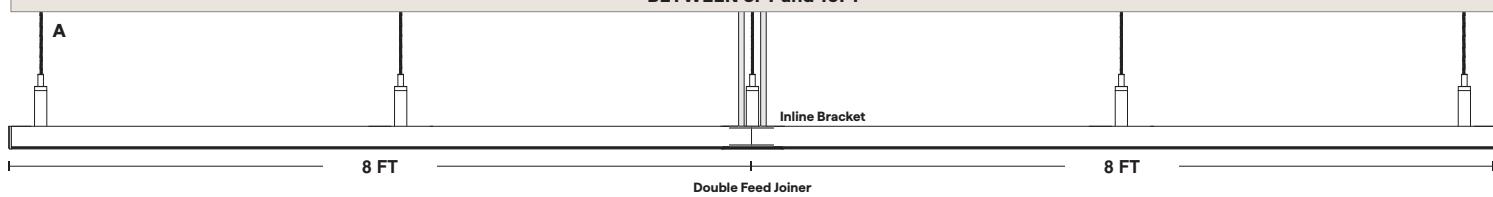


Part number example for a suspended VERS-01 dry rated static white fixture with a diffused lens in 1.5W/ft, 3000K, in a satin finish:

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)

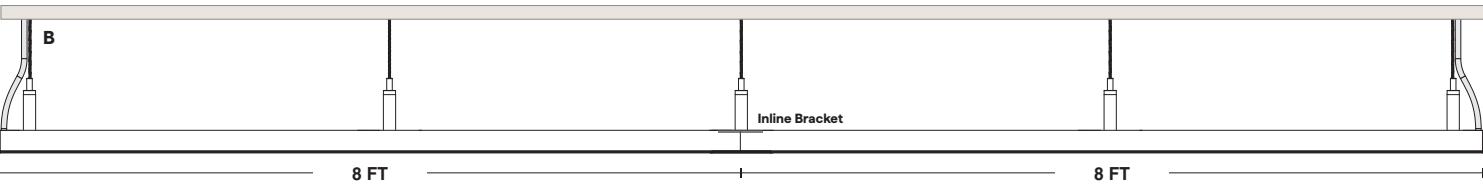
B VERS-01-SK-SW-1.5-30-DRY-DF-N/A-S2-BW-CLS-SV-AWM-SK-ST-144" (1X)  
SK-DF-RD-5"-WH-JB-36" (1X)  
SK-NF-RD-5"-WH-JB-36" (2X)

BETWEEN 8FT and 16FT

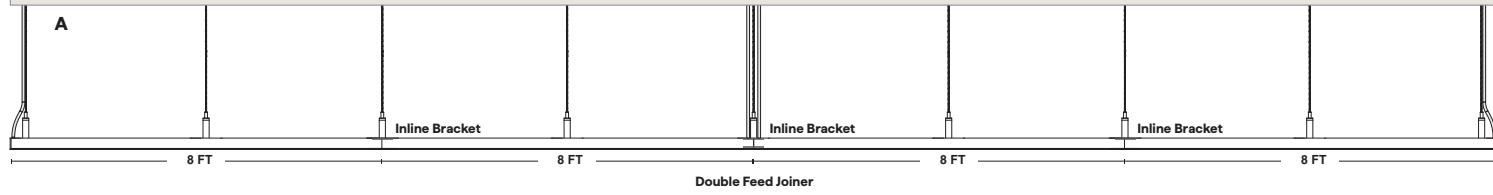


8 FT

8 FT



32FT

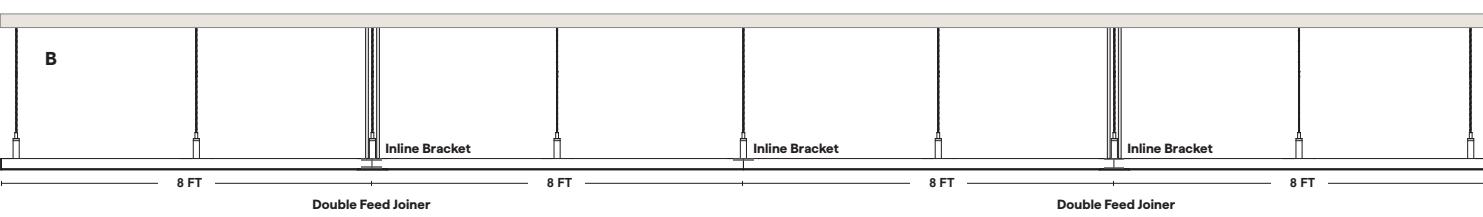


8 FT

8 FT

8 FT

8 FT



8 FT

8 FT

8 FT

8 FT

Double Feed Joiner

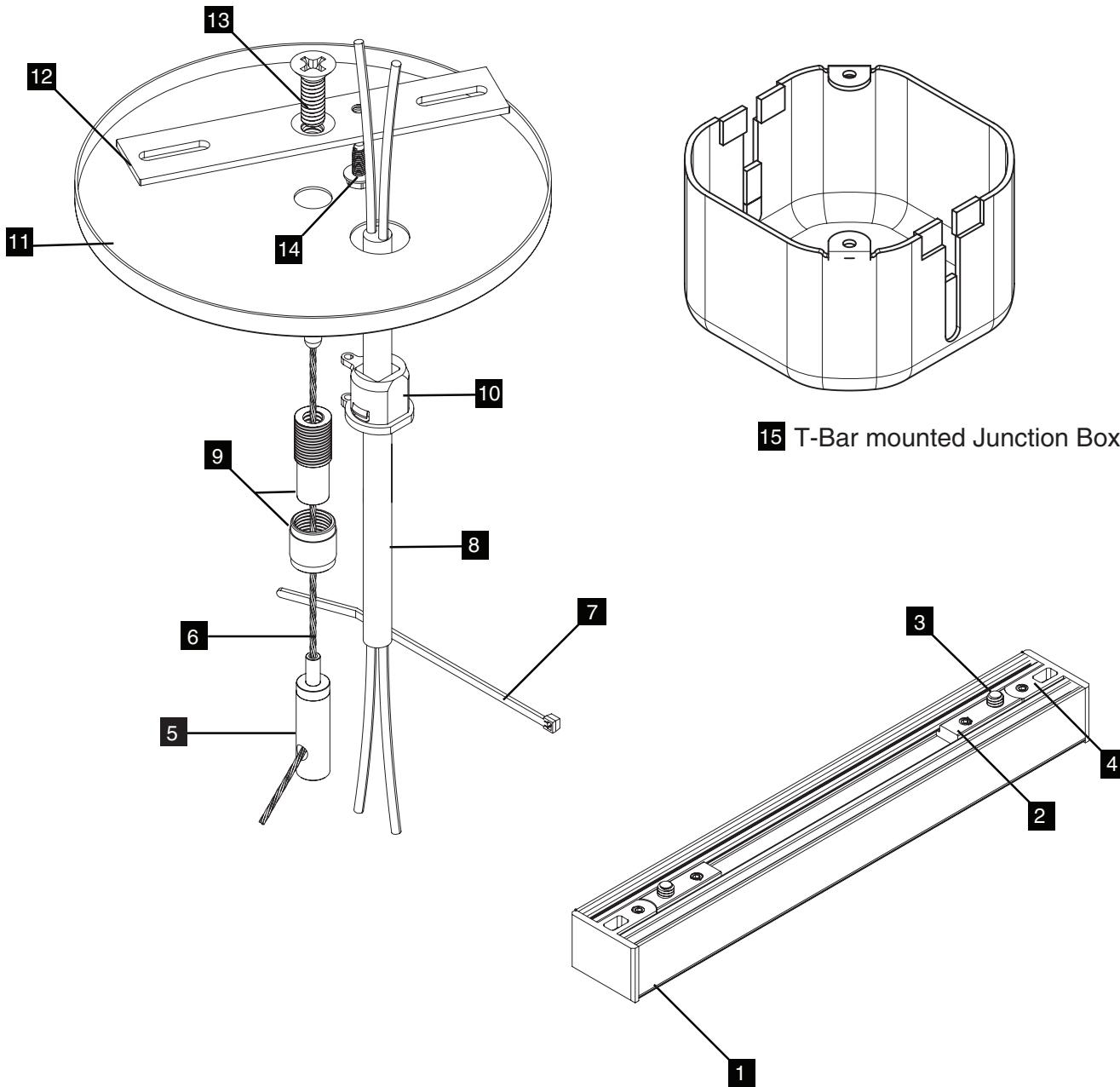


**VERS-SK**

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



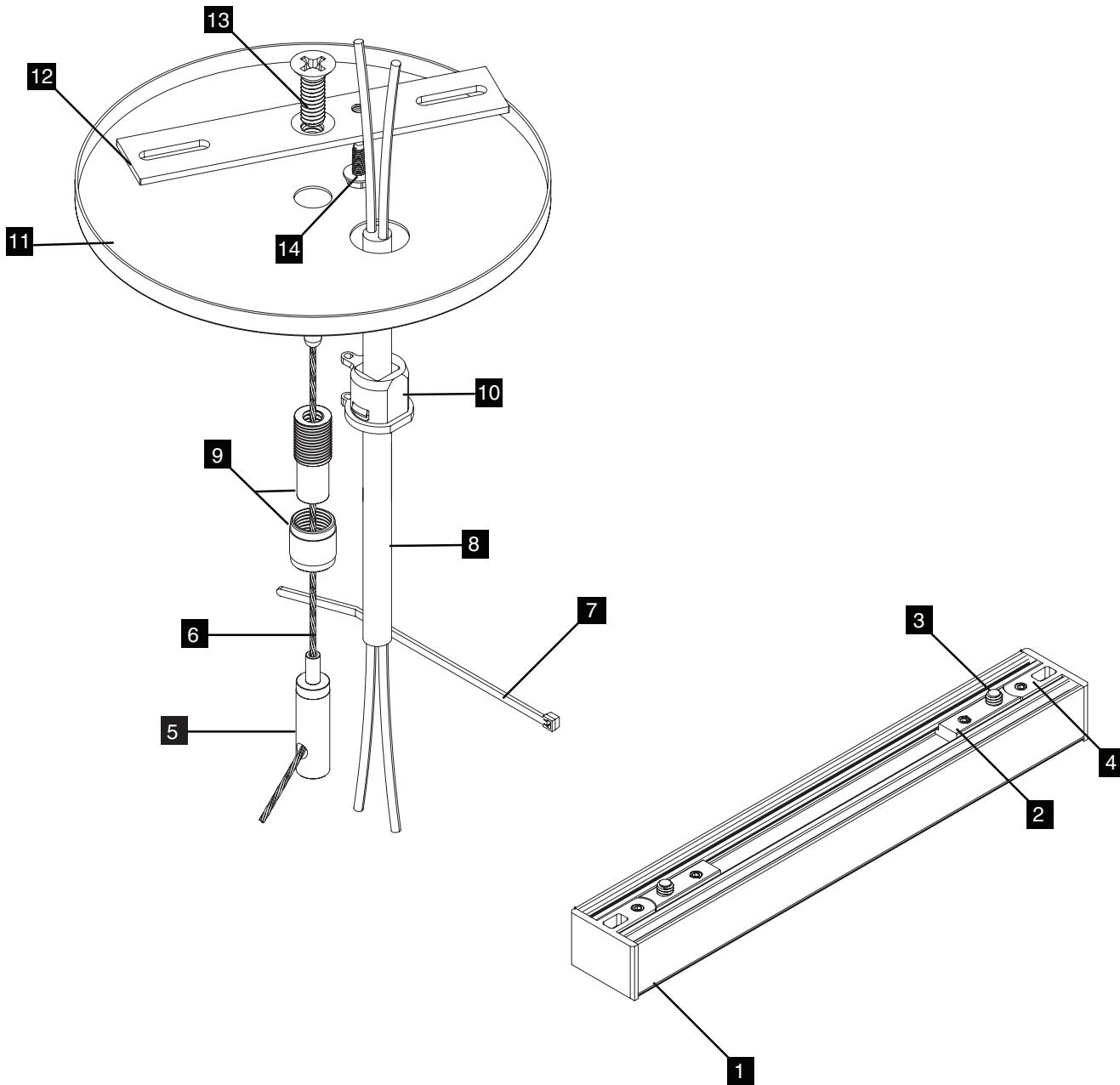
# VERS-SK

Linear Fixtures - Suspended

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

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

\*JUNCTION BOX NOT INCLUDED



## VERS SUSPENSION COMPONENTS

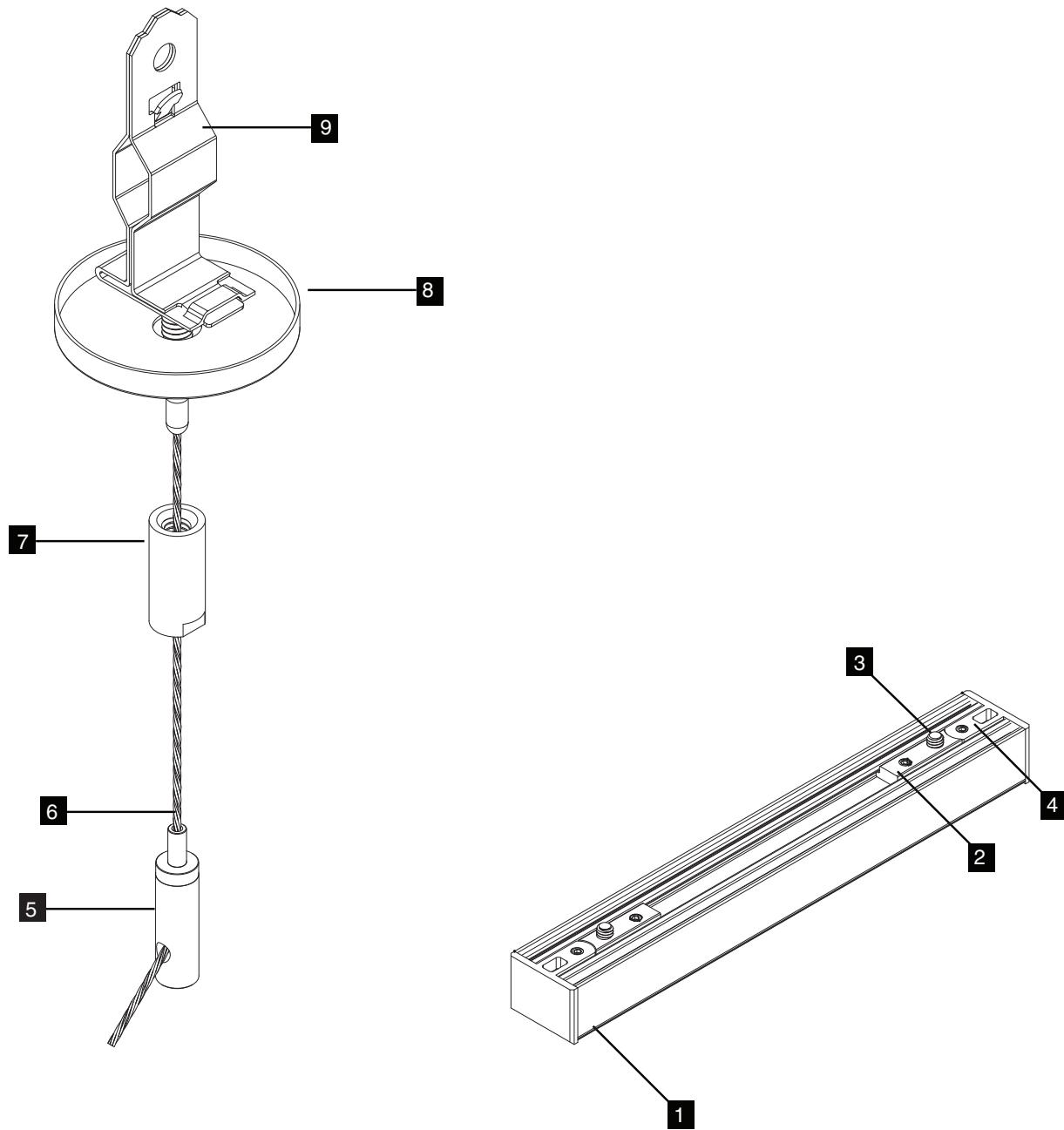
1	VERS	2	Suspension Bracket	3	8-32 Screw	4	Endcap	5	Cable Gripper	6	1/16" Cable	7	Tie
8	Lead Wire	9	Cable Coupler	10	Strain Relief	11	Canopy	12	Crossbar	13	1/4"-20	14	Ground Screw

**VERS-SK**

Linear Fixtures - Suspended

**SUSPENSION T-BAR NON-FEED ASSEMBLY**

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

**NON-POWERED FEED KIT**

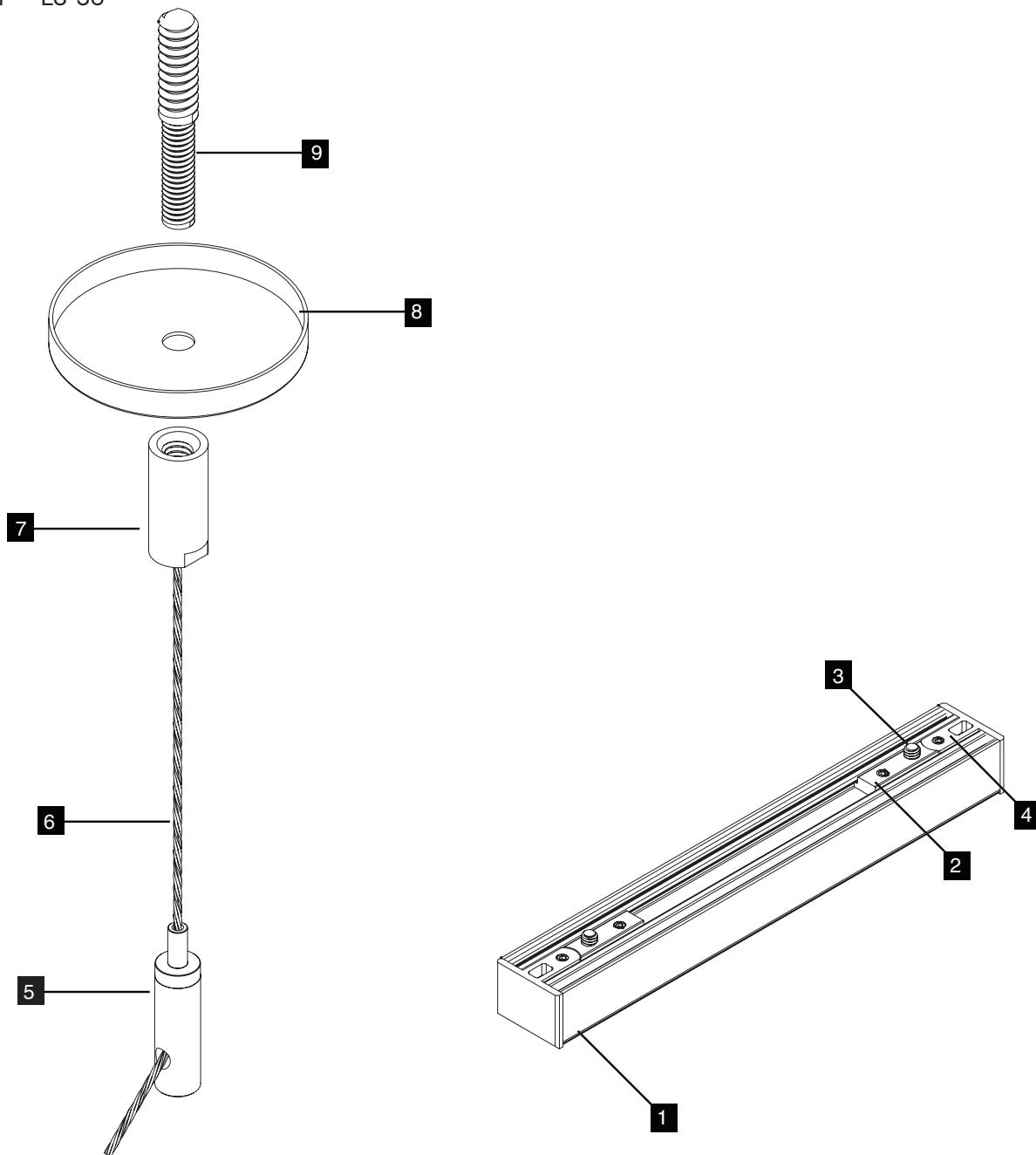
<b>1</b>	VERS	<b>2</b>	Suspension Bracket	<b>3</b>	8-32 Screw	<b>4</b>	Endcap	<b>5</b>	Cable Gripper
<b>6</b>	1/16" Cable	<b>7</b>	Cable Coupler	<b>8</b>	Canopy	<b>9</b>	T-Bar Clip		

**VERS-SK**

Linear Fixtures - Suspended

**LAG SCREW NON-FEED ASSEMBLY**

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

**NON-POWERED FEED KIT****1** VERS      **2** Suspension Bracket      **3** 8-32 Screw      **4** Endcap      **5** Cable Gripper**6** 1/16" Cable      **7** Cable Coupler      **8** Canopy      **9** Lag Screw