# VERS-GRAZER-SK (04) FOR TUNABLE APPLICATIONS

24VDC Linear Fixtures - Suspended

- 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
- Optically enhanced VERSatile fixture with grazing properties ranging from 12° to 36°
- The high quality lens features a proprietary diffusing agent for superior beam control and clean edges
- Features integrated metal endcaps and durable anodized aluminum housings
- White Optics, an internal coating that results in greater lumen output, comes standard in all VERS fixtures
- Consult factory for field assembly options
- Optional external louver accessory available in white or black for added glare control

① PRODUCT	② WATTS/ FT	③ CCT	④ RATED	⑤ LENS	⑥ EXTERNAL 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
						S2	BW	CLS	SV	AWM	SK			

Sample Part Number: **VERS-04-DW-2.5HE-20/30-DRY-GZR-L1-BK-P1-CON6-CON6-BK-CL2-MG-BK-48"-E**

① PRODUCT

VERS-04-SK-DW
VERS-04-SK-DW-USA

Select USA option for BAA and BABA projects.

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

1.5HE	1.5W/ft HE
2.5HE	2.5W/ft HE

③ CCT

20/27	2000K/2700K
20/30	2000K/3000K
27/40	2700K/4000K
27/55	2700K/5500K

24/30	2400K/3000K
27/40	2700K/4000K

④ RATED

DRY	IP20

DMP	IP54

⑤ LENS

25D	Optical 25°
GZR	Grazer

For representation of LED visibility, see Diode Visibility section on following pages.
For beam angles, see Photometric Performance section on following pages.

⑥ EXTERNAL LOUVER

L1-WH	White Plastic
L1-BK	Black Plastic
L2-ST	Satin Anodized Aluminum
L2-BK	Black Anodized Aluminum
L2-WH	White Powder Coated Aluminum
N/A	No Louver

L1 Plastic Louvers come in 12" lengths, multiple pieces will be used to match fixture length. L2 Aluminum louvers come in maximum 98" lengths and will be cut to match fixture length. White and custom painted finishes are not compatible with L2 external louvers.

⑦ WIRE INPUT/OUTPUT

S2	Single 2 (Input only) - 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)

BW: Standard length is 36", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)

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

White and custom finishes are incompatible with external louvers; custom finishes have longer lead times. Non-RAL 9003 whites custom.

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-GRAZER-SK (04) FOR TUNABLE APPLICATIONS
24VDC Linear Fixtures - Suspended

1 PRODUCT - DIMENSIONS

.66"
.84"
.88"

Profile with GZR lens

.80"
.88"

Profile with 25D lens

1.11"
1.21"
.23"

Profile with GZR & L1 Louver
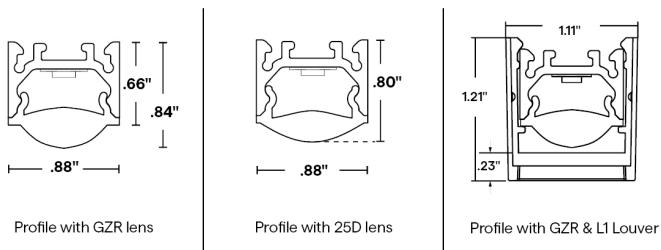
2 DELIVERED LUMENS

[Calculated L70 = 70000 hrs]
Tested with VERS-04-SK-DW-**-**-DRY

| | 2.5HE W/FT | | | | | | | | | |
| | 2000K | | 2700K | | 3000K | | 4000K | | 5500K | |
	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI	LM/FT	CRI
GZR	225	92	251	98	266	98	278	97	307	97
25D	223	93	250	98	256	98	259	97	287	97

5 DIODE VISIBILITY

Optical lens

PHOTOMETRIC PERFORMANCE

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

6W/ft Grazer lens

13.3°

6W/ft 25D lens

26.5°
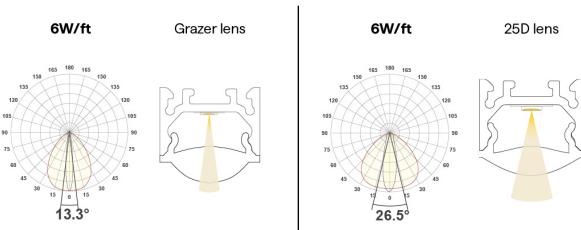
TEMPERATURE RATINGS

| | | DW 1.5 HE W/FT | | | | DW 2.5 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 | |
		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
DMP	Ambient Operating Temp - Surface	-4°F	140°F	-4°F	130°F	-4°F	130°F	-4°F	115°F
WET	Ambient Operating Temp - Surface	-4°F	140°F	-4°F	130°F	-4°F	130°F	-4°F	115°F

6 EXTERNAL LOUVER

PLASTIC

12.25"

.46" .65" .1" .23"
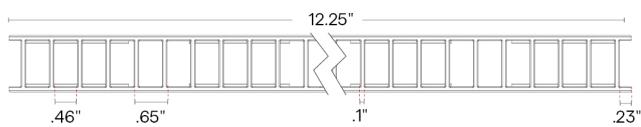
L1-XX

Lumen Multiplier

WH	BK
0.70	0.54

7 WIRE INPUT/ OUTPUT

SINGLE (Input only)

S2

IN
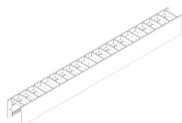
CONFIGURATION OPTIONS

S2

Single Feed

S2   **S2**

Inline Bracket
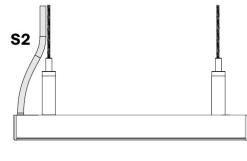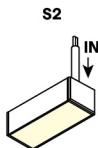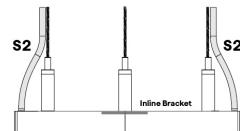
Continuous Row End Feeds

S2 **S2**

Inline Bracket

Double Feed Joiner
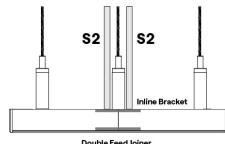
Continuous Row Center Feeds

8 / 9 CONNECTOR/WIRE – IN/OUT

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

BW

.20"
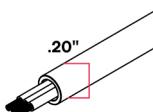
Bare Wire 36" | 22 AWG
Clear outer jacket, metal shield

10 WIRE COLOR

Silver

VERS-GRAZER-SK (04) FOR TUNABLE APPLICATIONS
24VDC Linear Fixtures - Suspended

12 MOUNTING

SK

.35" 1.48"

.15" .98"

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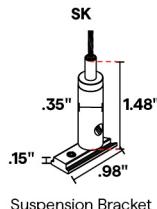
2 required up to 6' lengths;
additional support required
between 6' to 8'

13 FINISH

Satin

Black

Bronze

White

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.

Optimal Fixtures

DIM SPOT   DIM SPOTS   DIM SPOT
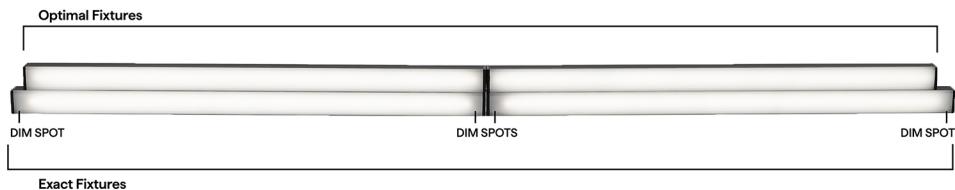
Exact Fixtures

DW-HE DRY DMP LENGTHS BY INCH

EXACT LENGTH

Requested Length	Potential dim spot on either end of a S1 fixture — S1, IN, End Feed
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	S2 — S2, IN, Bottom Feed
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"

VERS-GRAZER-SK (04) 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

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

COMPATIBLE APPS

NFC APP

Q-NFC

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
SK

② FEED
SF — Single
DF — Double

③ CANOPY SHAPE
RD — Round
SQ — Square

④ CANOPY SIZE
5"

⑤ CANOPY FINISH
WH — White
BK — Black

⑥ APPLICATION
JB — Junction Box
TB — T-Bar Mount

JB - mounting bracket only, junction box not included
TB - mounting bracket and junction box

⑦ SUSPENSION CABLE LENGTH (IN)
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
SK

② FEED
NF — No Feed

③ CANOPY SHAPE
RD — Round
SQ — Square

④ CANOPY SIZE
2"
5"
▶

5"
▶

⑤ CANOPY FINISH
WH — White
BK — Black
▶

WH — White
BK — Black
▶

⑥ APPLICATION
TB — T-Bar Mount
LS — Lag Screw

TB - T-Bar clip only, junction box not included

JB — Junction Box

Mounting bracket only, junction box not included

⑦ SUSPENSION CABLE LENGTH (IN)
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

3 CANOPY OPTIONS

RD - 2" - NF	SQ - 2" - NF	RD - 5" - NF	SQ - 5 - NF	RD - 5" - SF	SQ - 5 - SF	RD - 5" - DF	SQ - 5" - DF
Round 2" No Feed	Square 2" No Feed	Round 5" No Feed	Square 5" No Feed	Round 5" Single Feed	Square 5" Single Feed	Round 5" Double Feed	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
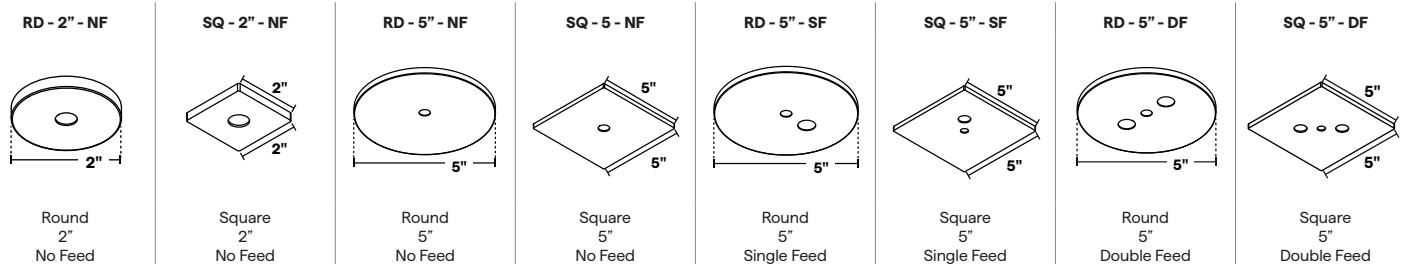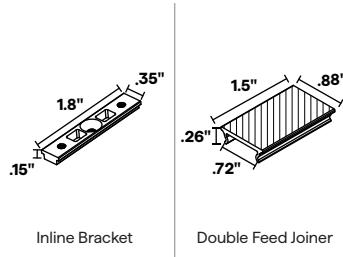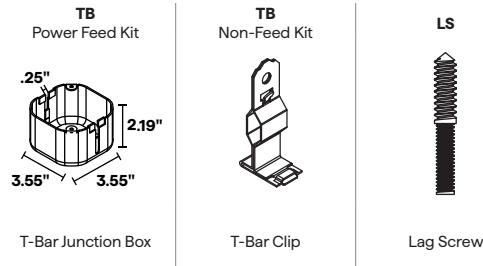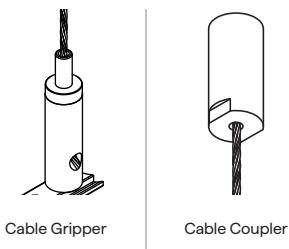
MOUNTING

● 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

UP TO 6FT
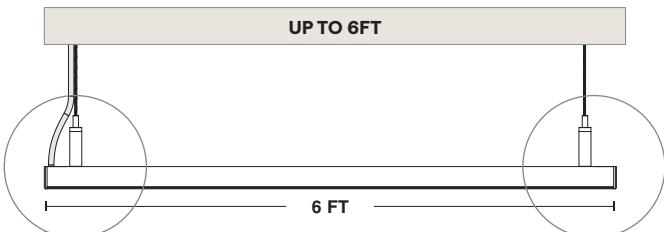
6 FT

BETWEEN 6FT and 8FT
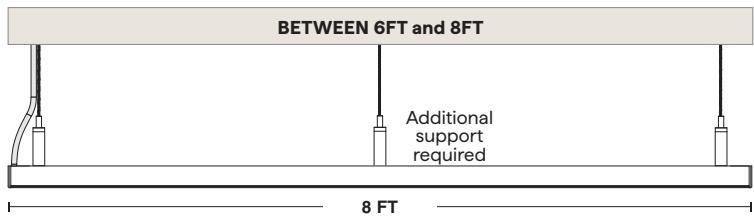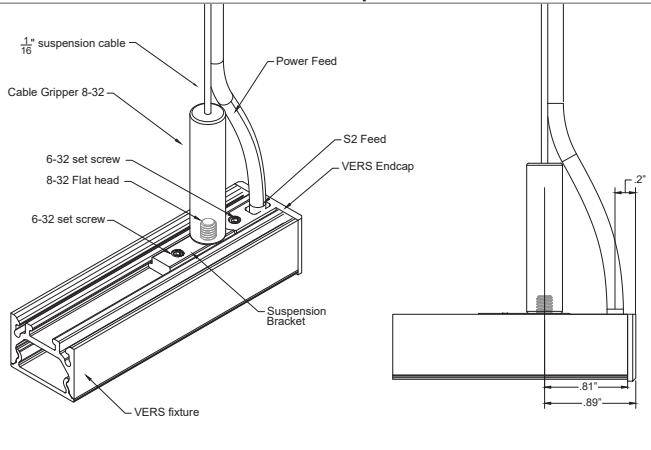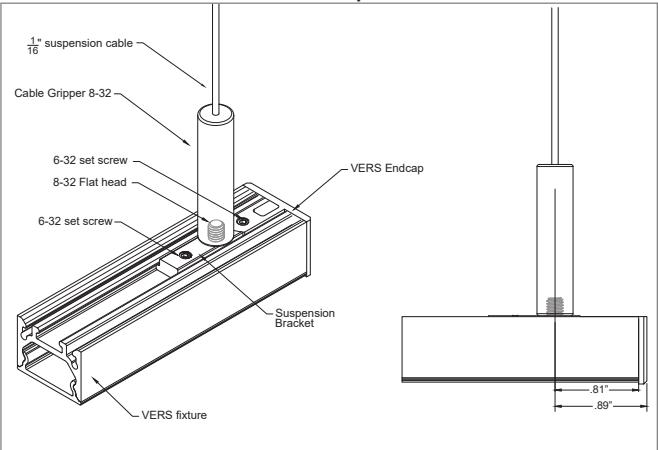
Additional support required

8 FT

Power Feed Suspension

$\frac{1}{16}$" suspension cable
Cable Gripper 8-32
6-32 set screw
8-32 Flat head
6-32 set screw
Power Feed
S2 Feed
VERS Endcap
Suspension Bracket
VERS fixture
2"
.81"
.89"

Non-Feed Suspension

$\frac{1}{16}$" suspension cable
Cable Gripper 8-32
6-32 set screw
8-32 Flat head
6-32 set screw
VERS Endcap
Suspension Bracket
VERS fixture
.81"
.89"

Specification subject to change. **Rev-09-12-24**

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

Inline bracket

.32"

Power Feed
Power Feed
Dual Power Feed exit
$\frac{1}{16}$" suspension cable
Cable Gripper 8-32
Approx 1.25" inch break between LED strips
Lens
Double Feed Joiner
Lens
1.50"

12FT

A

Inline Bracket

6 FT — 6 FT

B

Inline Bracket

6 FT — 6 FT

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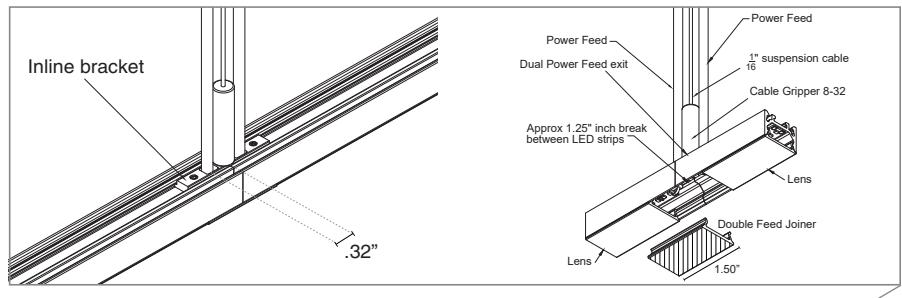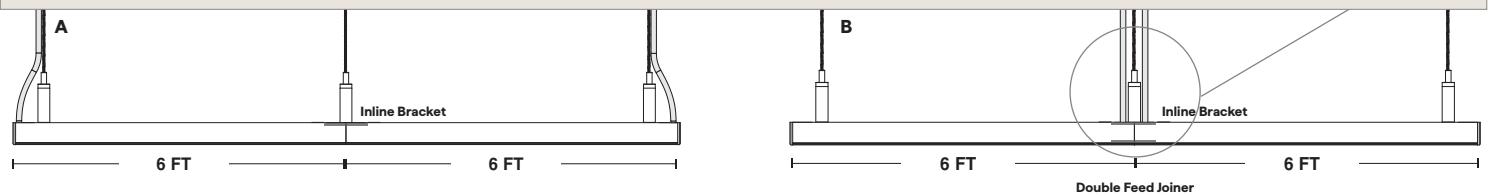
Part number example for a suspended VERS-01 dry rated static white fixture with a diffused lens in 1.5W/ft, 3000K, in a satin finish:

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

A

Inline Bracket

8 FT — 8 FT

Double Feed Joiner

B

Inline Bracket

8 FT — 8 FT

32FT

A

Inline Bracket — Inline Bracket — Inline Bracket

8 FT — 8 FT — 8 FT — 8 FT

Double Feed Joiner

B

Inline Bracket — Inline Bracket — Inline Bracket

8 FT — 8 FT — 8 FT — 8 FT

Double Feed Joiner — Double Feed Joiner

SUSPENSION T-BAR POWER FEED ASSEMBLY
SK-SF-RD-5-**-TB-36
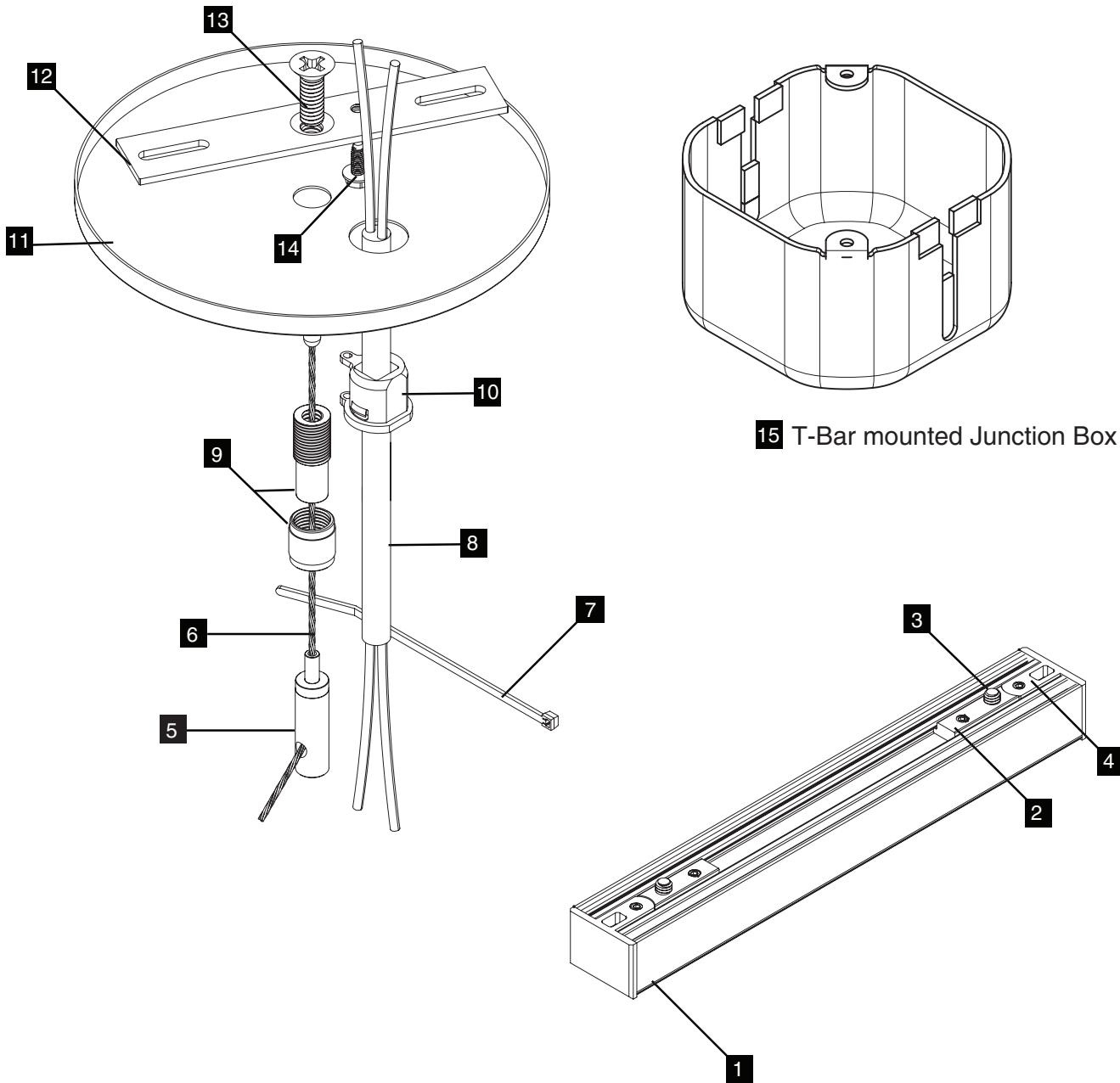
15 T-Bar mounted Junction Box

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

Specification subject to change. **Rev-09-12-24**

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

SUSPENSION T-BAR NON-FEED ASSEMBLY

SK-NF-RD-2-NF-*-TB-36
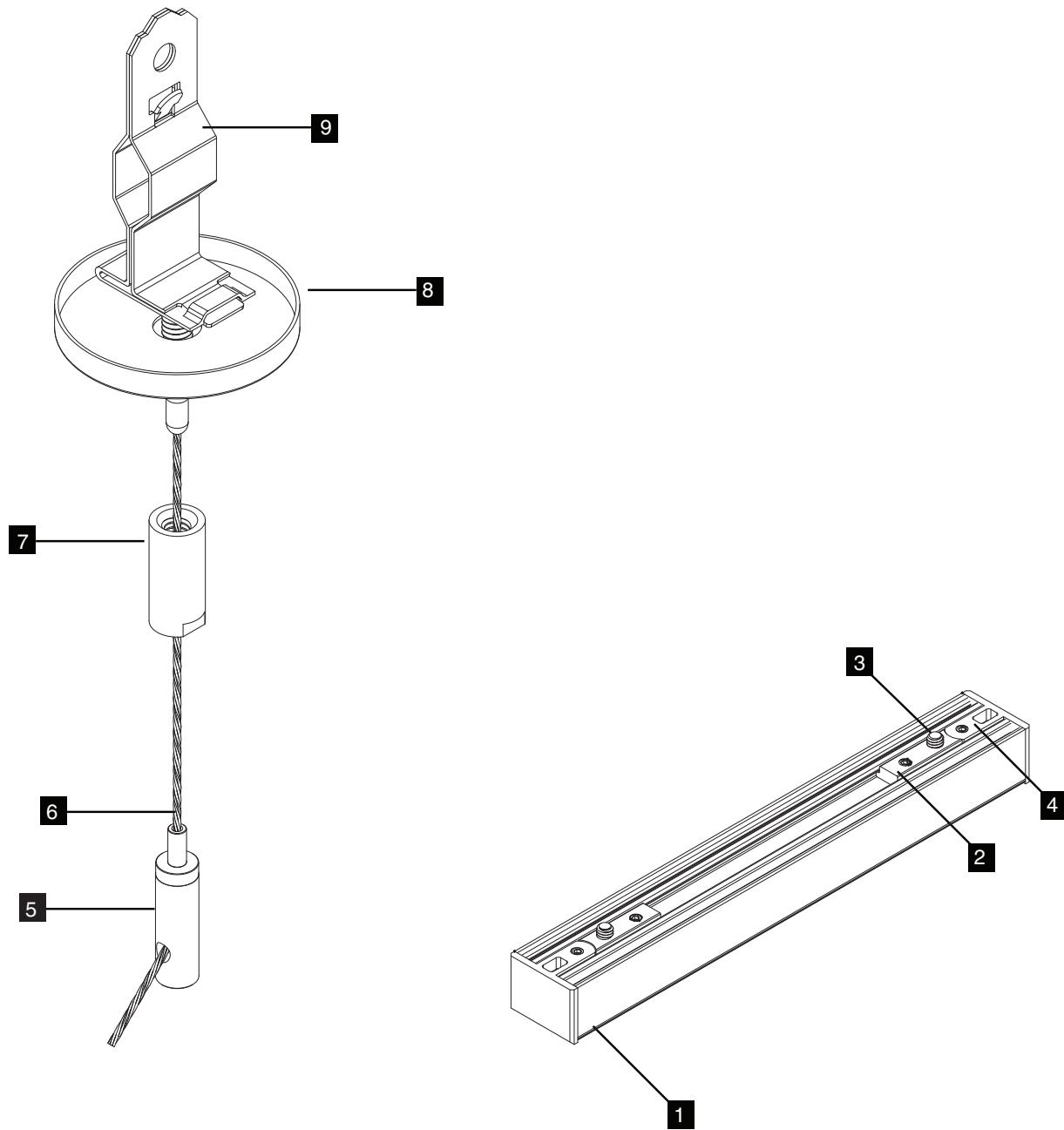
NON-POWERED FEED KIT

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

LAG SCREW NON-FEED ASSEMBLY
SK-NF-RD-2-NF-*-LS-36
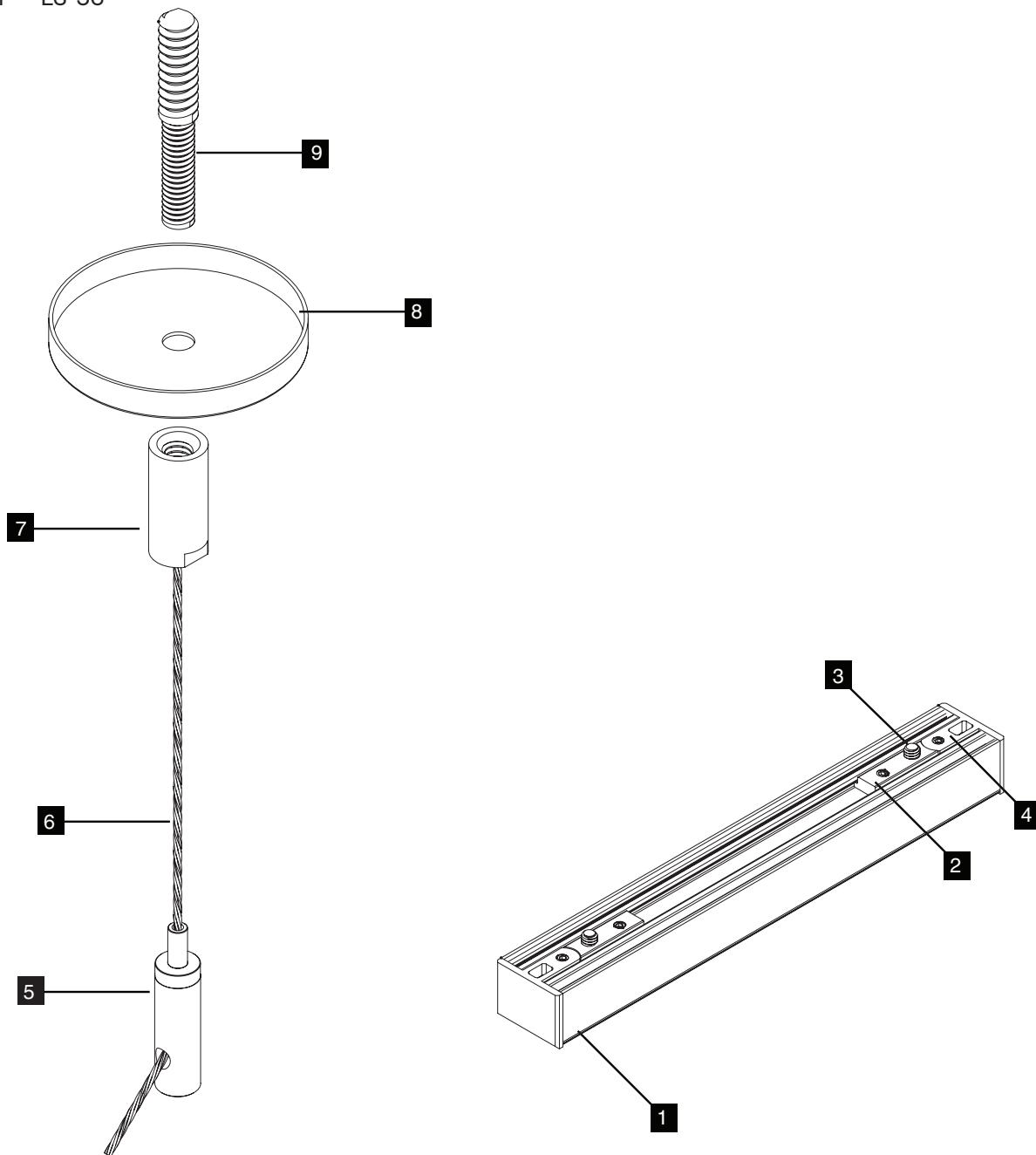
NON-POWERED FEED KIT

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	

Specification subject to change. Rev-09-12-24