

TIE STIX SUSPENSION

POWER, CENTER FEED DIRECT DOWN LIGHT

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 07.20.26



DESCRIPTION

Tie Stix Center Feed is a linear LED suspension that creates a clean, direct beam of light using a Diffused White lens with a 100° beam spread. Offered in several sizes from 39" to 96" with 10 versatile finish options and corresponding metal hardware. The Tie Stix Center Feed Suspension is offered in 5 or 7-watt versions with Designer Grade Color Rendering LEDs (CRI 95+). Choose from multiple standard color temperatures ranging from 2400K through 4000K, including two Warm Dim options of (27D) 2700K or (30D) 3000K that dim down to 2000K. Includes a 5-year pro-rated warranty. For custom lengths and quotes, email our design team design@PureEdgeLighting.com.

LAMPING

- Choose from multiple different color temperatures from 2400K through 4000K including Warm Dim
- Warm Dim - 2700K to 2000K (27D) or 3000K to 2000K (30D)
- 50,000 Hour Lamp Life
- Designer Grade High CRI 95+ LEDs

APPLICATIONS

Designed for indoor use only. Ideal applications include residential, commercial, retail, and hospitality environments.

ELECTRICAL

Power Supply:	120V/24V Electronic Low Voltage
Power Consumption:	5 watts per foot, up to 362lm/ft 7 watts per foot, up to 558lm/ft
Dimming:	Dimmable with ELV (Electronic Low Voltage)
Approvals:	Damp Location Suitable, ETL listed, Class 2 wiring. Assembled in America.

PHYSICAL ATTRIBUTES

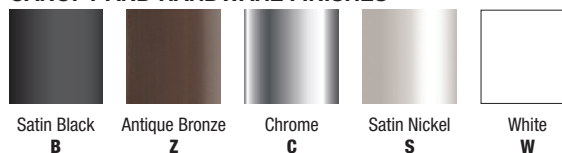
Ordering Increments:	Order in sizes ranging from 39" to 96".
Material:	Genuine Hardwood, Cast Aluminum, Includes 12' of adjustable coaxial cables. Lengths over 72" have additional aircraft cables for support.
Average LED Life:	50,000 hours @ normal use
Warranty:	PureEdge's 5 year pro-rated warranty, backed by over 30 years of precision manufacturing and design.

FINISHES*



*Wood finishes are authentic natural products, exact color and grain may vary. If you are trying to match an existing material, please contact us for a finish sample. We are able to accommodate some requests to pair our wood finishes with COM.

CANOPY AND HARDWARE FINISHES



For quick & easy reference, plus the most up-to-date pricing, use our [Tie Stix Center Feed Configurator](#).

System	Wattage Per Foot	Power Feed	Nominal Size (L)	Color Temperature	Canopy & Body Center Finish	Channel Finish
TXSP	5W	C	39	27K	S	SN
TXSP Tie Stix Suspension with UNI Power in Canopy	5W 4.4 Watts 7W 7.3 Watts	C Center Feed	39 72 48 84 60 96 Sizes are nominal, refer to chart for actual lengths.	24K 2400K Very Warm White 27K 2700K Incandescent White 27D 2700K Warm Dim (5 Watt Only) 30K 3000K Warm White 30D 3000K Warm Dim (5 Watt Only) 35K 3500K Neutral White 40K 4000K Cool White	B Satin Black Z Antique Bronze C Chrome S Satin Nickel W White	WM Wood Maple WN Wood Walnut WC Wood Cherry WO Wood White Oak WE Wood Espresso BK Satin Black BZ Antique Bronze CH Chrome SN Satin Nickel WH White

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LAMP DATA Lamp Data for Tie Stix Suspension

TXSP												
WATTS PER FOOT	5W							7W				
COLOR TEMPERATURE	24K	27K	27D*	30K	30D*	35K	40K	24K	27K	30K	35K	40K
LUMENS PER FOOT (lm/ft)	284	287	341	299	341	344	362	438	443	461	530	558
LUMENS PER WATT (lm/w)	65	65	71	68	71	78	82	60	61	63	73	76
CRI	90+	95+	93+	95+	92+	85+	85+	90+	95+	95+	85+	85+

*27D, 30D - Warm Dim (4.8 Watts)

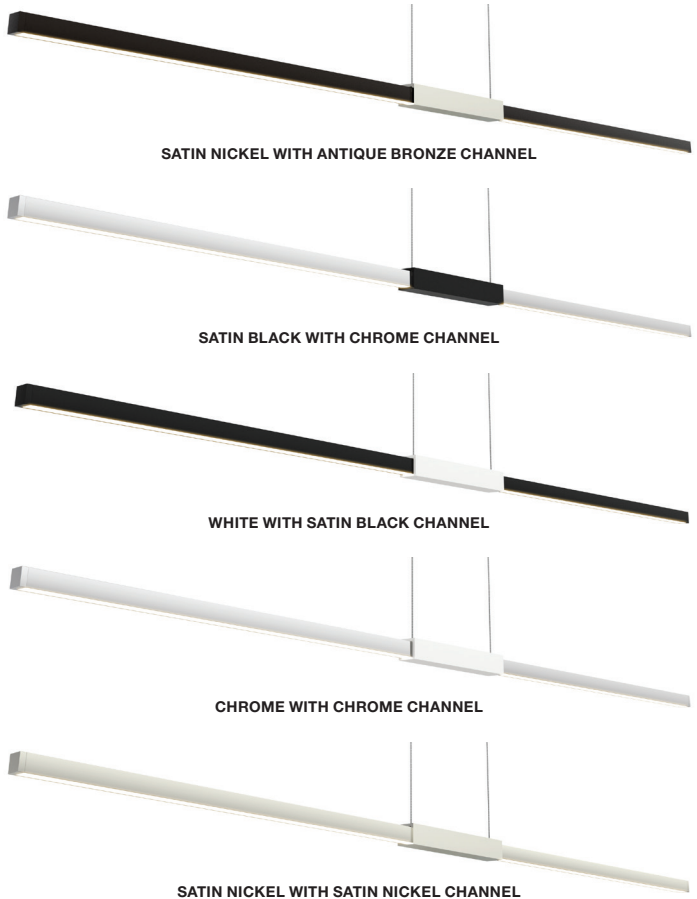
LENGTH CHART Actual Lengths for Wood & Metal finishes

STATIC WHITE			WARM DIM		
ORDERING CODE (Nominal Size)	WOOD CHANNEL OVERALL LENGTH (Inches)	METAL CHANNEL OVERALL LENGTH (Inches)	ORDERING CODE (Nominal Size)	WOOD CHANNEL OVERALL LENGTH (Inches)	METAL CHANNEL OVERALL LENGTH (Inches)
39	39.9"	39.5"	39	40.5"	40.1"
48	49.5"	49.1"	48	49.5"	49.1"
60	61.5"	61.1"	60	61.5"	61.1"
72	73.5"	73.1"	72	73.5"	73.1"
84	85.5"	85.1"	84	85.5"	85.1"
96	97.5"	97.1"	96	97.5"	97.1"

WOOD FINISH OPTION EXAMPLES



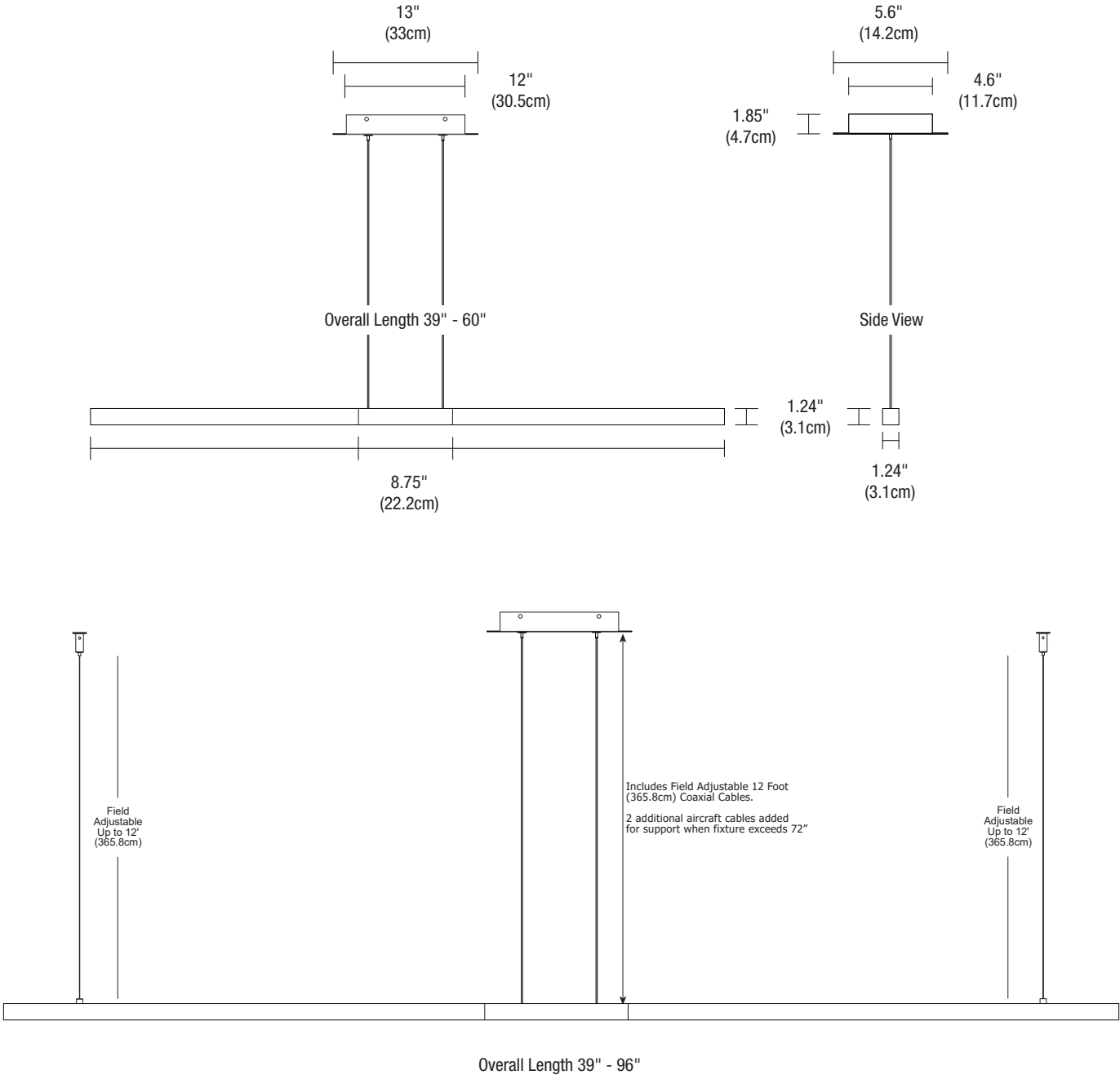
METAL FINISH OPTION EXAMPLES



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DRAWINGS: Dimension drawings for the Tie Stix LED Suspension, Center Feed



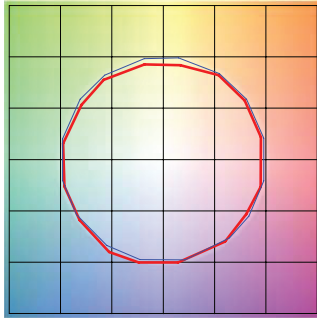
TM30 DATA

POWER, CENTER FEED DIRECT DOWN LIGHT

TM-30-15 DATA: The data below is for bare LED Static White Strip. Consistent color temperatures throughout a single strip and among multiple strips is possible through a 3 phase binning process in which each order is inspected with a color meter to ensure uniformity.

2400K | Rf: 84.5 | Rg: 94.4

Color Vector Graphic

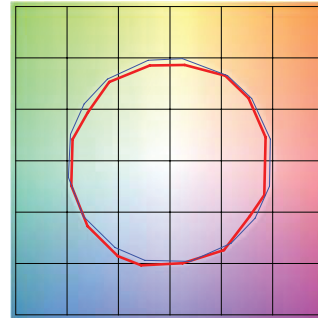


■ Test ■ Reference

		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	92	-2.4%	1.5%
2	94.7	-2.1%	-0.0%
3	95.4	-1.9%	-0.1%
4	88.7	-6.7%	-3.1%
5	92.8	-5.6%	1.0%
6	92.7	-3.4%	3.4%
7	89.9	-4.3%	4.1%
8	92.4	-1.4%	4.4%
9	89	-0.6%	5.8%
10	88.9	0.4%	6.2%
11	89.7	4.0%	5.4%
12	92.6	3.0%	-0.7%
13	90.9	1.1%	-7.0%
14	89.9	0.5%	-5.8%
15	92.1	-3.2%	0.1%
16	88.9	-1.7%	-6.3%

2700K | Rf: 87.7 | Rg: 96.1

Color Vector Graphic

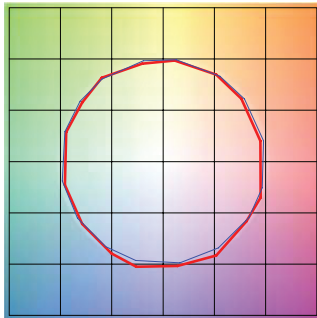


■ Test ■ Reference

		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	88.0	-4.3%	2.6%
2	91.6	-2.4%	2.0%
3	93.7	-1.4%	1.9%
4	88.9	-5.6%	-3.1%
5	92.3	-5.5%	-0.5%
6	92.9	-3.5%	0.1%
7	84.5	-7.5%	4.6%
8	90.8	-3.0%	4.4%
9	84.5	-1.3%	8.3%
10	83.9	2.0%	9.8%
11	87.2	5.3%	7.1%
12	89.2	5.4%	-2.6%
13	88.7	0.3%	-7.8%
14	86.8	1.7%	-9.3%
15	87.6	-5.4%	-1.3%
16	83.6	-3.3%	-9.5%

3000K | Rf: 88.1 | Rg: 99.7

Color Vector Graphic

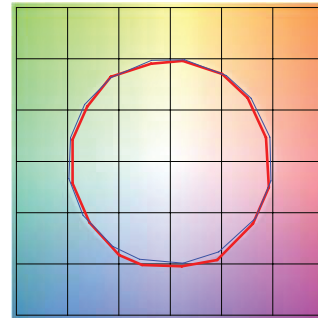


■ Test ■ Reference

		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	92.5	-3.1%	0.3%
2	93.3	-2.3%	1.9%
3	90.9	-0.8%	3.9%
4	94.3	-1.1%	1.4%
5	92.5	-2.6%	1.5%
6	96.4	1.2%	-0.3%
7	92.6	-2.5%	-0.0%
8	96.9	-1.4%	0.2%
9	92.3	-1.8%	4.3%
10	86.6	-0.7%	7.0%
11	86.5	2.4%	8.2%
12	89.8	5.9%	1.7%
13	93.9	2.6%	-2.7%
14	89.4	5.1%	-5.8%
15	90.1	-0.1%	-4.7%
16	86.5	0.3%	-9.7%

3500K | Rf: 86.1 | Rg: 95.5

Color Vector Graphic

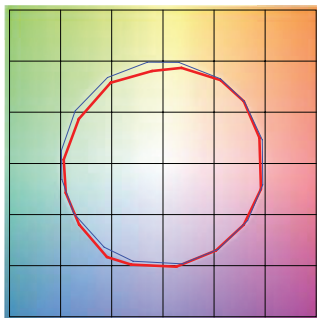


■ Test ■ Reference

		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	90.8	-3.8%	0.3%
2	92.3	-2.8%	2.1%
3	89.7	-1.0%	4.3%
4	92.6	-1.4%	1.7%
5	91.8	-3.1%	1.3%
6	96.2	0.8%	-0.4%
7	92.9	-3.2%	0.2%
8	94.3	-2.5%	1.5%
9	90.4	-2.5%	5.2%
10	84.3	-1.4%	9.5%
11	83.1	3.5%	9.8%
12	88.2	4.8%	3.4%
13	94.0	2.7%	-2.0%
14	88.7	5.9%	-5.8%
15	88.7	0.7%	-5.9%
16	86.8	-0.7%	-6.7%

4000K | Rf: 87.6 | Rg: 96.8

Color Vector Graphic



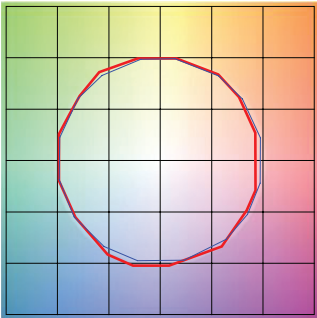
■ Test ■ Reference

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6	90.2	-6.0%	0.2%
7	85.3	-7.6%	4.6%
8	83.7	-4.1%	8.2%
9	79.5	-1.1%	13.8%
10	78.6	1.5%	12.1%
11	83.5	6.4%	7.8%
12	90.9	3.6%	-1.1%
13	88.3	1.7%	-6.3%
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15	84.5	-0.9%	-5.5%
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TM30 DATA
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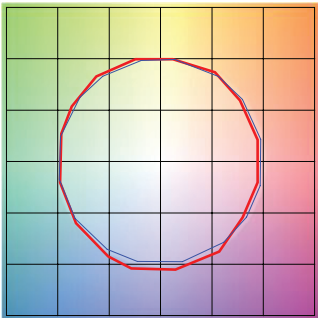
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2700D | Rf: 90.7 | Rg: 101.1
Color Vector Graphic



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14	86.3	4.1%	-9.2%
15	91.4	-2.0%	-3.6%
16	84.7	-2.1%	-10.3%

3000D | Rf: 90.6 | Rg: 101.1
Color Vector Graphic



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