TWIGGY D1 TUNABLE WHITE VANITY
24VDC REMOTE POWER SUPPLY - VERTICAL OR HORIZONTAL MOUNTING

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

PURE EDGE LIGHTING

DESCRIPTION

The Twiggy Tunable White 2000K to 6500K vanity fixtures from PureEdge Lighting, features a 1" diffused white lens that provides uniform tunable white light. At 5 watts per foot, the 24VDC fixture contains commercial grade 95+ CRI LEDs. Tunable White 2000K-6500K **(2K6K)** or 2700K-6500K **(27K6)** grants independent control and adjustment of color temperature and intensity from 2000K (Sunset) through 6500K (Daylight White). **2K6K** is ideal for residential spaces including, dining rooms, bedrooms, living spaces, and bathrooms by allowing the user to achieve a warm glow during the golden hours of the early mornings and evenings. For commercial environments, **27K6** promotes focus and alertness which is ideal for offices, healthcare and education, while still achieving warmer color temperatures best for hospitality and retail environments. Human-Centric lighting, or tunable white, promotes performance, mood, and overall well-being by fine-tuning the emotional effects that light has on the circadian cycle. Requires two dimmers or, use our proprietary Tunable White Controller **(CDMX1)** for fast and accurate adjustment and three pre-set scenes (Ordered separately). Offering up to 94+CRI rendering colors in their truest forms. Fixture includes a 5 year pro-rated warranty. For custom designs and layout assistance, email our design team design@PureEdgeLighting.com.

LAMPING

- Tunable White: 2000K-6500K **(2K6K)** or 2700K-6500K **(27K6)** grants independent control for adjusting color temperature and intensity
- Power Consumed: 5 watts per foot
- 50,000 Hour Lamp Life

REMOTE POWER SUPPLIES, DIMMERS & CONTROLS (SOLD SEPARATELY)*

24VDC, Class 2 wiring

- **0-10V:** Requires two dimmers, one for intensity and one for color temperature
- **DMX Dynamic Color Changing:** Must be used with PureEdge Controllers

*In-Wall Mounting Kits available for select power supplies

MOUNTING OPTIONS

- **4SQ** - 4.6" Floating Square Canopy Mounts to standard 4" electrical box with round plaster ring anywhere along the fixture, vertically or horizontally.
- **1RE** - Floating Rectangular Canopy Mounts to the Slim Profile Junction Box (included) recommend for new construction application.

PureEdge's 5-Year Pro-rated warranty is backed by over 30 years of precision lighting manufacturing and design.

APPROVALS

Damp Location, ETL Listed, Title 24 with select power supplies, Class 2 wiring

APPLICATIONS

Designed for Indoor and Damp Locations - Ideal applications in Residential, Commercial, and Hospitality Environments, including Bathroom Vanities, Resort Spas, Hotels, Health, and Wellness Clubs.

Product	Lens	Canopy	Length	Color Temperature	Finish
TW2R	**D1**	**1RE**	**12IN**	**2K6K**	**SN**
TW2R Twiggy Vanity 24VDC Remote Power Supply	D1 Direct 1" Lens	1RE 1" Rectangle Junction Box 4SQ 4" Square Floating Canopy	12" - 120" With power or remote power (Power supplies sold separately)	2K6K Tunable White 2000K-6500K 27K6 Tunable White 2700K-6500K	BK Satin Black BZ Antique Bronze SA Satin aluminum SN Satin Nickel WH White BB Satin Brass with Black Canopy and End Caps BW Satin Brass with White Canopy and End Caps

**See page 3 for Overall Dimensions, Custom Lengths Available

PROJECT		FIXTURE TYPE		DATE	

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PURE EDGE LIGHTING

Nominal Lamp Data: Lamp data for the Twiggy Vanity

WATTS PER FOOT	TW2R															
	2000K-6500K (2K6K)									2700K-6500K (27K6)						
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	57K	65K	27K	30K	35K	40K	45K	57K	65K
LUMENS PER FOOT (lm/ft)	223	234	246	257	281	292	304	289	280	279	287	295	304	292	289	280
LUMENS PER WATT (lm/w)	56	51	53	56	61	64	76	72	71	70	72	72	71	71	72	71
CRI	83+	83+	92+	92+	92+	94+	94+	93+	93+	93+	93+	94+	94+	94+	93+	93+

FINISHES:

Satin Black
BK

Antique Bronze
BZ

Satin Aluminum
SA

Satin Nickel
SN

White
WH

Satin Brass with Black Canopy and End Caps
BB

Satin Brass with White Canopy and End Caps
BW

| Satin Black **BK** | Antique Bronze **BZ** | Chrome **CH** | Satin Aluminum **SA** | Satin Nickel **SN** | White **WH** | Satin Brass with Black Canopy and End Caps **BB** | Satin Brass with White Canopy and End Caps **BW** |

TO REMOTE POWER SUPPLY

FLOATING CANOPY
4.6"
(11.7cm)

0-10 POWER SUPPLY

0-10 POWER SUPPLY

0.39"
(0.99cm)

0.9"
(2.3cm)

0.9"
(2.3cm)

Canopy

0.15"
(0.4cm)

12" to 120"
(30.5cm - 304.8cm)

FLOATING 1RE JBOX   TO REMOTE POWER SUPPLY

0.9"
(2.3cm)

0.15"
(0.4cm)

12" to 120"
(30.5cm - 304.8cm)

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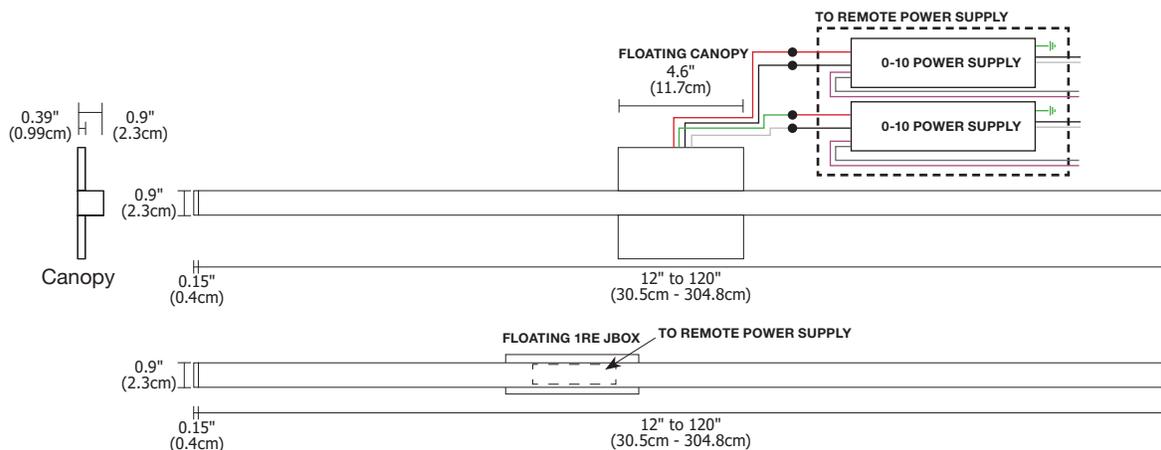
LENGTH CHART Please refer to chart below for overall length (with End Caps) for Twiggy D1 Vanity

Ordering Code	Overall Length (Inches)	Total Wattage (1 Fixture)	Minimum Power Supply (1 Fixture)	Total Wattage (2 Fixtures)	Minimum Power Supply (2 Fixtures)
12IN	13.1	10	PSB-100W-24VDC-2XK	20	PSB-100W-24VDC-2XK
15IN	15.5	13	PSB-100W-24VDC-2XK	26	PSB-100W-24VDC-2XK
17IN	17.9	15	PSB-100W-24VDC-2XK	30	PSB-100W-24VDC-2XK
20IN	20.3	17	PSB-100W-24VDC-2XK	34	PSB-100W-24VDC-2XK
22IN	22.7	19	PSB-100W-24VDC-2XK	38	PSB-100W-24VDC-2XK
24IN	25.1	20	PSB-100W-24VDC-2XK	40	PSB-100W-24VDC-2XK
27IN	27.5	23	PSB-100W-24VDC-2XK	46	PSB-100W-24VDC-2XK
29IN	29.9	25	PSB-100W-24VDC-2XK	50	PSB-100W-24VDC-2XK
32IN	32.3	27	PSB-100W-24VDC-2XK	54	PSB-100W-24VDC-2XK
34IN	34.7	29	PSB-100W-24VDC-2XK	58	PSB-100W-24VDC-2XK
36IN	37.1	30	PSB-100W-24VDC-2XK	60	PSB-100W-24VDC-2XK
39IN	39.5	33	PSB-100W-24VDC-2XK	66	PSB-100W-24VDC-2XK
41IN	41.9	35	PSB-100W-24VDC-2XK	67	PSB-100W-24VDC-2XK
44IN	44.3	37	PSB-100W-24VDC-2XK	74	PSB-100W-24VDC-2XK
46IN	46.7	39	PSB-100W-24VDC-2XK	78	PSB-100W-24VDC-2XK
48IN	49.1	40	PSB-100W-24VDC-2XK	80	PSB-100W-24VDC-2XK
51IN	51.5	43	PSB-100W-24VDC-2XK	86	PSB-100W-24VDC-2XK
53IN	53.9	45	PSB-100W-24VDC-2XK	90	PSB-100W-24VDC-2XK
56IN	56.3	47	PSB-100W-24VDC-2XK	94	PSB-100W-24VDC-2XK
58IN	58.7	49	PSB-100W-24VDC-2XK	98	PSB-100W-24VDC-2XK
60IN	61.1	50	PSB-100W-24VDC-2XK	100	PSB-2x100W-24VDC-2XK
63IN	63.5	53	PSB-100W-24VDC-2XK	106	PSB-2x100W-24VDC-2XK
65IN	65.9	55	PSB-100W-24VDC-2XK	110	PSB-2x100W-24VDC-2XK
68IN	68.3	57	PSB-100W-24VDC-2XK	114	PSB-2x100W-24VDC-2XK
70IN	70.7	59	PSB-100W-24VDC-2XK	118	PSB-2x100W-24VDC-2XK
72IN	73.1	60	PSB-100W-24VDC-2XK	120	PSB-2x100W-24VDC-2XK
75IN	75.5	63	PSB-100W-24VDC-2XK	126	PSB-2x100W-24VDC-2XK
77IN	77.9	56	PSB-100W-24VDC-2XK	132	PSB-2x100W-24VDC-2XK
80IN	80.3	67	PSB-100W-24VDC-2XK	134	PSB-2x100W-24VDC-2XK
82IN	82.7	69	PSB-100W-24VDC-2XK	138	PSB-2x100W-24VDC-2XK
84IN	85.1	70	PSB-100W-24VDC-2XK	140	PSB-2x100W-24VDC-2XK
87IN	87.5	73	PSB-100W-24VDC-2XK	146	PSB-2x100W-24VDC-2XK
89IN	89.9	75	PSB-100W-24VDC-2XK	150	PSB-2x100W-24VDC-2XK
92IN	92.3	77	PSB-100W-24VDC-2XK	154	PSB-2x100W-24VDC-2XK
94IN	94.7	79	PSB-100W-24VDC-2XK	158	PSB-2x100W-24VDC-2XK
96IN	97.1	80	PSB-100W-24VDC-2XK	160	PSB-2x100W-24VDC-2XK
99IN	99.5	83	PSB-100W-24VDC-2XK	166	PSB-2x100W-24VDC-2XK
101IN	101.9	85	PSB-100W-24VDC-2XK	170	PSB-2x100W-24VDC-2XK
104IN	104.3	87	PSB-100W-24VDC-2XK	174	PSB-2x100W-24VDC-2XK
106IN	106.7	89	PSB-100W-24VDC-2XK	178	PSB-2x100W-24VDC-2XK
108IN	109.1	90	PSB-100W-24VDC-2XK	180	PSB-2x100W-24VDC-2XK
111IN	111.5	93	PSB-100W-24VDC-2XK	186	PSB-2x100W-24VDC-2XK
113IN	113.9	95	PSB-100W-24VDC-2XK	190	PSB-2x100W-24VDC-2XK
116IN	116.3	97	PSB-100W-24VDC-2XK	194	PSB-2x100W-24VDC-2XK
118IN	118.7	99	PSB-100W-24VDC-2XK	198	PSB-2x100W-24VDC-2XK
120IN	121.1	100	PSB-100W-24VDC-2XK	200	PSB-2x100W-24VDC-2XK

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TM30 DATA
24VDC REMOTE POWER SUPPLY - VERTICAL OR HORIZONTAL MOUNTING

PURE EDGE
LIGHTING

REV 11.15.21

TM-30-15 DATA: The data below is for SS5C bare LED Soft Strips. 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.

2000K ONLY (2K6K/27K6) | Rf: 84.3 | Rg: 96.9
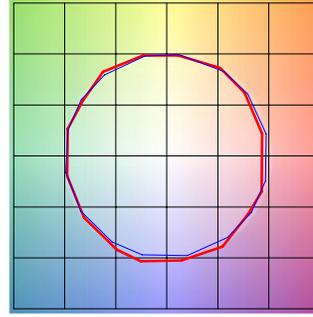Color Vector Graphic
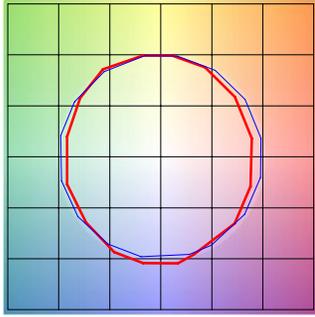
■ Test   ■ Reference

| HUE BIN | Rf | GRAPHIC SHIFTS % | |
		CHROMA	HUE
1	80.3	-8.9%	1.7%
2	79.7	-7.0%	7.8%
3	78.9	-2.9%	10.0%
4	89.5	-0.5%	5.1%
5	94.4	0.7%	1.7%
6	92.1	2.4%	-0.3%
7	89.4	-2.4%	-5.9%
8	89.7	-6.4%	-0.2%
9	86.0	-4.9%	4.6%
10	81.8	-3.4%	9.3%
11	83.1	3.3%	9.7%
12	85.8	5.6%	3.3%
13	85.6	6.2%	-12.8%
14	61.7	-1.9%	-19.0%
15	79.7	-3.3%	-12.9%
16	78.1	-7.9%	-10.6%

3000K (2K6K/27K6) | Rf: 90.2 | Rg: 101.4
Color Vector Graphic

■ Test   ■ Reference

| HUE BIN | Rf | GRAPHIC SHIFTS % | |
		CHROMA	HUE
1	90.9	-3.8%	1.3%
2	91.7	-1.9%	3.3%
3	88.7	0.7%	5.1%
4	92.4	-1.0%	0.7%
5	92.9	0.9%	1.7%
6	93.1	3.3%	-0.6%
7	91.0	-1.8%	-0.4%
8	97.0	0.2%	-1.1%
9	92.8	-0.5%	3.6%
10	88.3	1.0%	7.0%
11	87.1	3.8%	7.8%
12	87.6	6.5%	-0.3%
13	89.3	3.6%	-6.3%
14	86.1	4.5%	-9.1%
15	91.6	-1.9%	-3.1%
16	83.8	-1.5%	-11.2%

4000K ONLY (2K6K/27K6) | Rf: 89.6 | Rg: 99.1
Color Vector Graphic
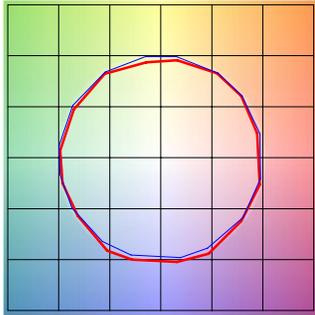
■ Test   ■ Reference

| HUE BIN | Rf | GRAPHIC SHIFTS % | |
		CHROMA	HUE
1	91.3	-2.5%	1.0%
2	95.3	-0.5%	0.5%
3	94.3	-0.7%	1.1%
4	91.1	-3.4%	-1.1%
5	89.5	-5.6%	0.0%
6	94.6	-1.4%	1.3%
7	93.2	-3.0%	2.6%
8	91.3	-1.8%	4.6%
9	86.5	-0.9%	9.1%
10	83.3	-0.5%	9.5%
11	83.3	4.9%	9.0%
12	89.7	4.1%	1.7%
13	90.1	3.6%	-4.3%
14	93.4	5.2%	-2.1%
15	87.4	0.4%	-4.3%
16	86.6	0.4%	-6.1%

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