

# TWIGGY D1 HINGED TUNABLE WHITE VANITY

## DIRECT 1" LENS 24VDC REMOTE POWER SUPPLY - VERTICAL MOUNTING

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 01.12.22



### DESCRIPTION

Twiggy D1 Hinged Tunable White vanity by PureEdge Lighting features an adjustable direct 1" Diffused White Lens that provides uniform, Dynamic Tunable White 2000K-6500K (**2K6K**) or 2700K-6500K (**27K6**) grants independent control and adjustment of color temperature and intensity from 2000K (Sunset) through 6500K (Day Light 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. The fixture comes with a Floating canopy which allows the fixture to be vertically mounted anywhere along the length for off center electrical junction boxes. Fixture includes 5 year pro-rated warranty. For Custom designs, layout assistance and quotes, email our Design Team: [design@PureEdgeLighting.com](mailto:design@PureEdgeLighting.com).

Power Supply Options: 24VDC remote power supply sold separately. Remote Power Supply is Title 24 Compliant.

Power Consumed: 5 Watts per foot

Lumens per Foot: 287lm @ 3000K

Average LED life: 50,000 hrs

### PHYSICAL ATTRIBUTES

Mounting Options: **4SQ**: Square canopy mounts to standard 4" electrical box with round plaster plate.

**1RE**: 1" Rectangle canopy mounts to slim profile junction box (included) recommend for new construction application.

Ordering Increments\*: Twiggy D1 is available in various increments from 12" up to 120". May be custom ordered in 3", 5", 8", or 10" increments.

\*Custom Lengths Available\*

Compliance: ADA, ETL, Title 24

Warranty: 5 Year pro-rated

### 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.

### 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 and drop ceiling Kits available for select power supplies

### APPROVALS

Class 2 Wiring up to 100 watts, Damp Location Suitable, ETL listed. Title 24 with universal power supplies, Made in America.

Product	Lens	Canopy	Length in Inches	Color Temperature	Finish
<b>TWH2R</b>	<b>D1</b>	<b>1RE</b>	<b>12IN</b>	<b>2K6K</b>	<b>SA</b>
<b>TWH2R</b> Twiggy Hinged Vanity 24VDC Remote Power	<b>D1</b> Direct 1" Lens	<b>1RE</b> 1" Rectangle Junction Box <b>4SQ</b> 4" Square Canopy	<b>12-120IN</b>	<b>2K6K</b> Tunable White 2000K-6500K <b>27K6</b> Tunable White 2700K-6500K	<b>BK</b> Satin Black <b>BZ</b> Antique Bronze <b>SA</b> Satin Aluminum <b>SN</b> Satin Nickel <b>WH</b> White <b>BB</b> Satin Brass with Black Canopy and End Caps <b>BW</b> Satin Brass with White Canopy and End Caps

\*\*See length chart for exact dimensions

PROJECT	FIXTURE TYPE	DATE
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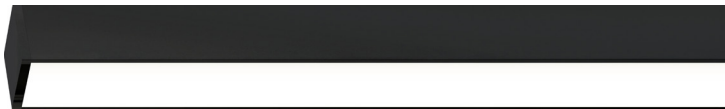
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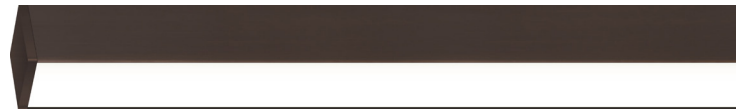
**Nominal Lamp Data:** Twiggy Vanity

TWH2R																
WATTS PER FOOT	2K6K (2000K-6500K)								27K6 (2700K-6500K)							
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+

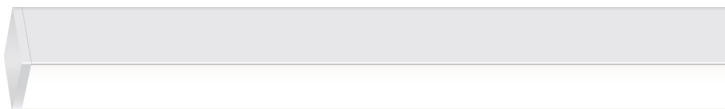
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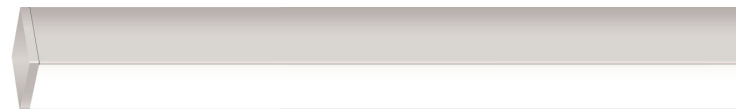
Satin Black  
**BK**



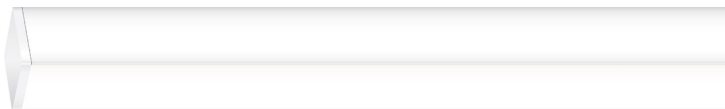
Antique Bronze  
**BZ**



Satin Aluminum  
**SA**



Satin Nickel  
**SN**



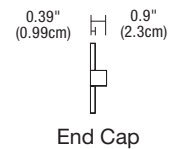
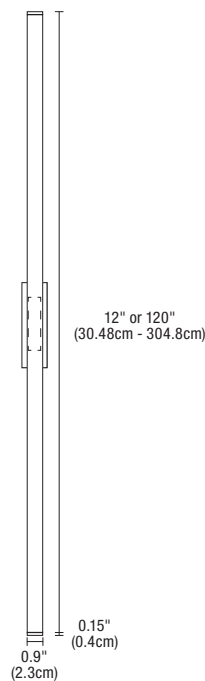
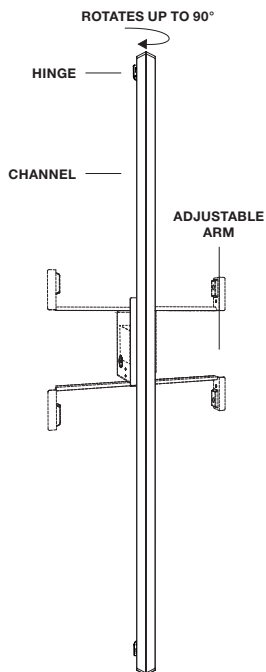
White  
**WH**



Satin Brass with Black Canopy and End Caps  
**BB**



Satin Brass with White Canopy and End Caps  
**BW**



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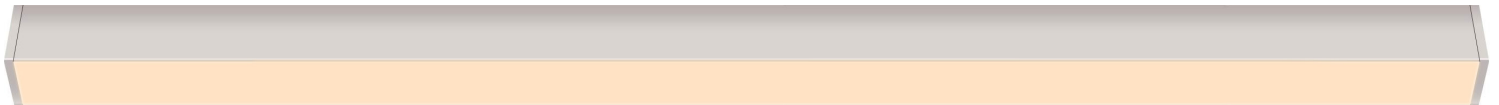
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**LENGTH CHART** Please refer to chart below for overall length (with End Caps) for Twiggy D1 Hinged Vanity

Ordering Code	Overall Length (Inches)	Wattage	Ordering Code	Overall Length (Inches)	Wattage
12IN	13.1	5	68IN	68.3	29
15IN	15.5	7	70IN	70.7	30
17IN	17.9	8	72IN	73.1	31
20IN	20.3	9	75IN	75.5	32
22IN	22.7	10	77IN	77.9	33
24IN	25.1	11	80IN	80.3	34
27IN	27.5	12	82IN	82.7	35
29IN	29.9	13	84IN	85.1	36
32IN	32.3	14	87IN	87.5	37
34IN	34.7	15	89IN	89.9	38
36IN	37.1	16	92IN	92.3	39
39IN	39.5	17	94IN	94.7	40
41IN	41.9	18	96IN	97.1	41
44IN	44.3	19	99IN	99.5	42
46IN	46.7	20	101IN	101.9	43
48IN	49.1	21	104IN	104.3	44
51IN	51.5	22	106IN	106.7	45
53IN	53.9	23	108IN	109.1	46
56IN	56.3	24	111IN	111.5	47
58IN	58.7	25	113IN	113.9	48
60IN	61.1	26	116IN	116.3	49
63IN	63.5	27	118IN	118.7	50
65IN	65.9	28	120IN	121.1	50



6500K



2000K

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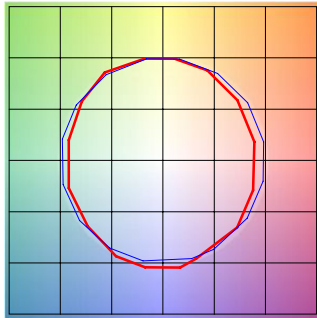
# TM30 DATA

## DIRECT 1" LENS 24VDC REMOTE POWER SUPPLY - VERTICAL MOUNTING

**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) | Rf: 84.3 | Rg: 96.9

Color Vector Graphic

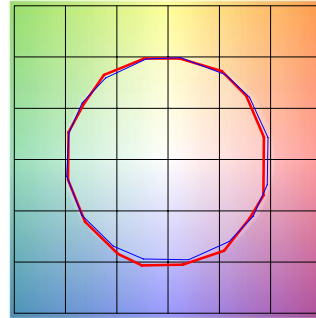


■ Test ■ Reference

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) | Rf: 90.2 | Rg: 101.4

Color Vector Graphic

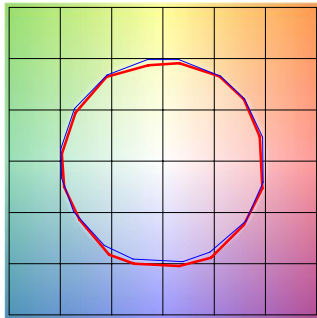


■ Test ■ Reference

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) | 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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