

# TWIGGY D1 VANITY/WALL

24VDC, STATIC WHITE & WARM DIM

DESIGNED BY GREGORY KAY | MADE IN AMERICA

REV 04.15.24



## DESCRIPTION

The Twiggy D1 Vanity Wall fixture contains Designer Grade 95+ CRI LEDs for excellent color rendering ranging from color temperatures of 2400K-4000K. Warm Dim options 2700K (**27D**) or 3000K (**30D**) dim down to 2000K. The Twiggy D1 Vanity is available in standard sizes from 12 inch to 96 inches (custom order lengths available). Fixture options include, **TW2** 120V-24VDC electronic low voltage (**ELV**) power supply (included) that fits inside three different junction box options. **TW2R** Remote Power supplies (Sold Separately). 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).

## ELECTRICAL

- Power Supply:**  
**TW2:** [Electronic Low Voltage \(ELV\)](#)† power supply fits in junction box (included).  
†ELV power supplies are not compatible with nlight, use only Universal power supplies  
**TW2R:** Remote, Class 2 power supply [UNI Driver: Universal Dimming](#) (Sold Separately).
- Power Consumed:** 5 Watts per foot
- [Pure Smart™ WiZ Pro Power Supplies & Controls](#)

## DIMMING

- TW2:** ELV Dimmer with Power Supply in J-BOX
- TW2R:** Remote Power, Universal Dimming (TRIAC, ELV, 0-10V)
- [Pure Smart ELV](#)

## ATTRIBUTES

- 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) recommended for new construction application.
- Ordering Increments:** 2" or 3": See ordering code for nominal and exact sizes.
- Max length:** 96" Custom lengths available
- Material:** High Grade Aluminum Channel, Designer Grade LEDs
- Average LED life:** 50,000 hrs

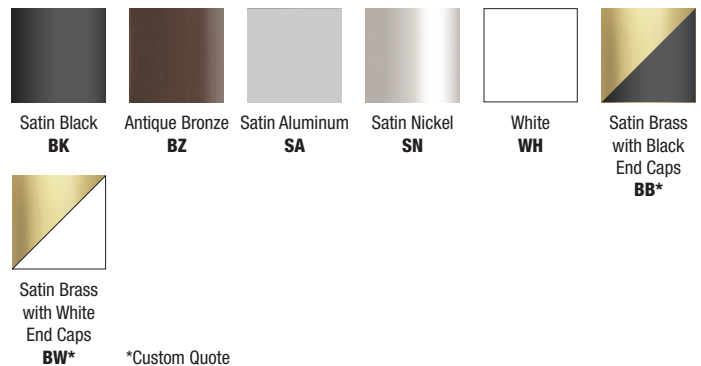
## APPLICATIONS

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

## APPROVALS

Damp Location, ETL listed, Title 24 with TW2R Remote Power Supply (Sold Separately), Class 2 wiring, Made in America.

## FINISHES



Product	Lens	Canopy	Nominal Length In Inches	Color Temperature	Finish
<b>TW2</b>	<b>D1</b>	<b>1RE</b>	<b>12IN</b>	<b>27K</b>	<b>SA</b>
<b>TW2</b> Twiggy with Power Supply in JBox <b>TW2R</b> Twiggy with Remote Power Supplies (sold separately)	<b>D1</b> Direct 1"	<b>4SQ</b> 4" Square <b>1RE</b> 1" Rectangle with Junction Box	<b>12-96</b> Order in various increments from 12" up to 96" See length chart.	<b>24K</b> 2400K Very Warm White <b>27K</b> 2700K Incandescent White <b>27D</b> 2700K Warm Dim to 2000K (DIM-TO-WARM) 5 Watt Only <b>30K</b> 3000K Warm White <b>30D</b> 3000K Warm Dim to 2000K (DIM-TO-WARM) 5 Watt Only <b>35K</b> 3500K Neutral White <b>40K</b> 4000K Cool White	<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 *Custom Quote

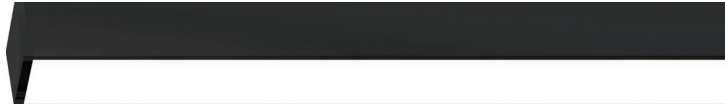
PROJECT	FIXTURE TYPE	DATE
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**Nominal Lamp Data:** Lamp data for the Twiggy D1 Vanity

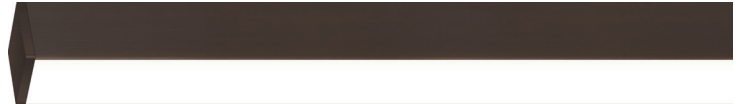
	TW2						
DESCRIPTION	100° DIFFUSED WHITE LENS						
WATTS PER FOOT	5w (4.4 watts)						
COLOR TEMPERATURE	24K	27K	27D*	30K	30D*	35K	40K
LUMENS PER FOOT (lm/ft)	284	287	341	299	341	344	362
LUMENS PER WATT (lm/w)	65	65	71	68	71	78	82
CRI	90+	95+	93+	95+	92+	85+	85+

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

**FINISHES:**



Satin Black  
**BK**



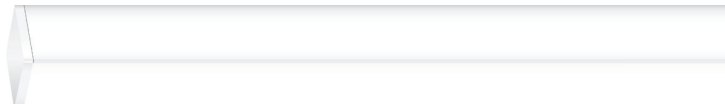
Antique Bronze  
**BZ**



Satin Aluminum  
**SA**



Satin Nickel  
**SN**



White  
**WH**

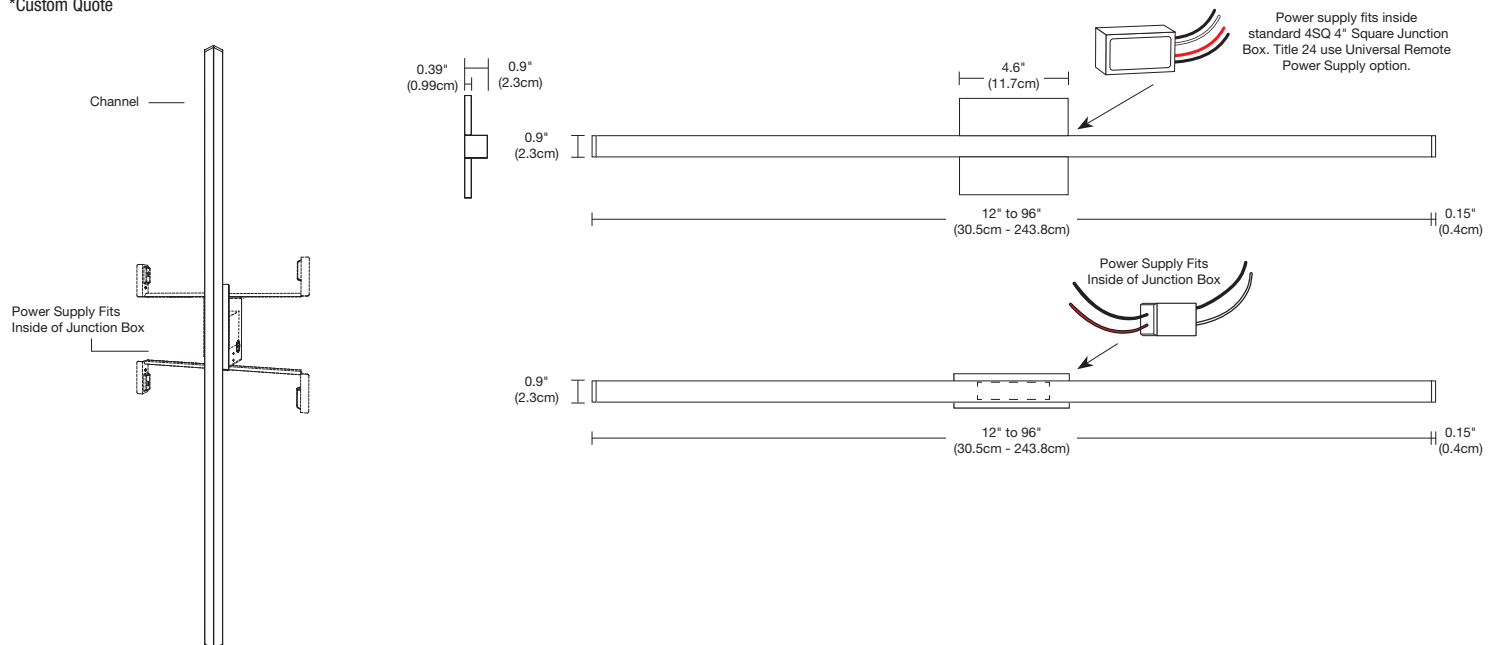


Satin Brass with Black Canopy and End Caps  
**BB\***



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

\*Custom Quote



PROJECT		FIXTURE TYPE		DATE	
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# TWIGGY D1 VANITY/WALL

24VDC, STATIC WHITE & WARM DIM

## Length Chart: Actual lengths for Twiggy D1

STATIC WHITE			
ORDERING CODE (NOMINAL SIZE)	ACTUAL LENGTH (INCHES)	ORDERING CODE (NOMINAL SIZE)	ACTUAL LENGTH (INCHES)
12IN	13.1	56IN	56.3
15IN	15.5	58IN	58.7
17IN	17.9	60IN	61.1
20IN	20.3	63IN	63.5
22IN	22.7	65IN	65.9
24IN	25.1	68IN	68.3
27IN	27.5	70IN	70.7
29IN	29.9	72IN	73.1
32IN	32.3	75IN	75.5
34IN	34.7	77IN	77.9
36IN	37.1	80IN	80.3
39IN	39.5	82IN	82.7
41IN	41.9	84IN	85.1
44IN	44.3	87IN	87.5
46IN	46.7	89IN	89.9
48IN	49.1	92IN	92.3
51IN	51.5	94IN	94.7
53IN	53.9	96IN	97.1

WARM DIM			
ORDERING CODE (NOMINAL SIZE)	ACTUAL LENGTH (INCHES)	ORDERING CODE (NOMINAL SIZE)	ACTUAL LENGTH (INCHES)
12IN	13.1	57IN	58.1
15IN	16.1	60IN	61.1
18IN	19.1	63IN	64.1
21IN	22.1	66IN	67.1
24IN	25.1	69IN	70.1
27IN	28.1	72IN	73.1
30IN	31.1	75IN	76.1
33IN	34.1	78IN	79.1
36IN	37.1	81IN	82.1
39IN	40.1	84IN	85.1
42IN	43.1	87IN	88.1
45IN	46.1	90IN	91.1
48IN	49.1	93IN	94.1
51IN	52.1	96IN	97.1
54IN	55.1		

PROJECT		FIXTURE TYPE		DATE	
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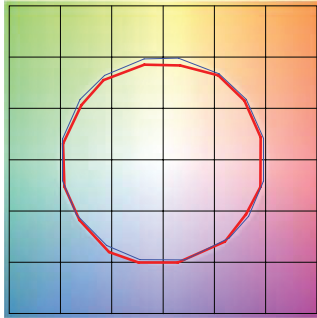
# WALL/VANITY TM30 DATA

24VDC, STATIC WHITE & WARM DIM

**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.

**2400K** | Rf: 91.2 | Rg: 96.8

Color Vector Graphic

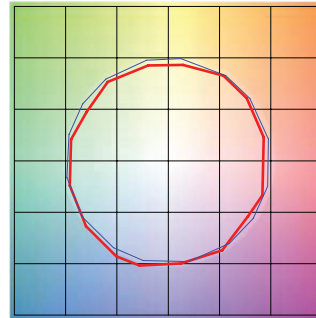


■ Test ■ Reference

		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	92.0	-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	-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

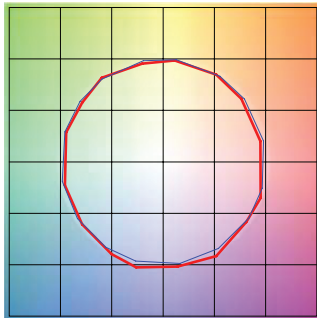


■ Test ■ Reference

		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

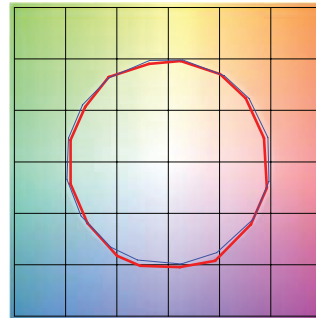


■ Test ■ Reference

		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

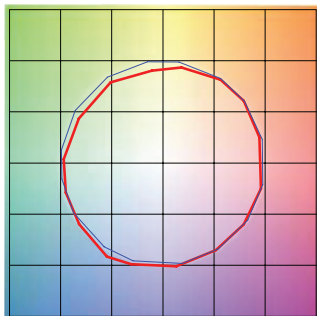


■ Test ■ Reference

		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

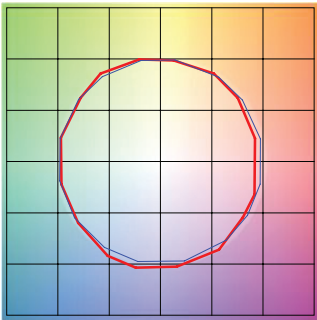
		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	88.9	-2.4%	2.5%
2	93.3	-0.4%	0.8%
3	94.8	-1.0%	-0.6%
4	87.9	-4.9%	-3.6%
5	85.3	-9.4%	-2.6%
6	90.2	-6.0%	0.2%
7	85.3	-7.6%	4.6%
8	83.7	-4.1%	8.2%
9	79.5	-1.1%	13.8%
10	78.6	1.5%	12.1%
11	83.5	6.4%	7.8%
12	90.9	3.6%	-1.1%
13	88.3	1.7%	-6.3%
14	91.9	-0.4%	-2.2%
15	84.5	-0.9%	-5.5%
16	84.7	-1.1%	-4.4%

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WALL/VANITY TM30 DATA  
24VDC, STATIC WHITE & WARM DIM

**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.

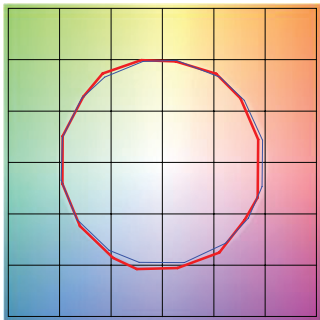
2700D | Rf: 89.5 | Rg: 100.8  
Color Vector Graphic



Test Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	88.8	-5.1%	1.4%
2	89.8	-2.7%	4.1%
3	87.2	0.3%	5.9%
4	92.3	-0.9%	1.0%
5	93.3	1.5%	1.7%
6	92.4	3.6%	-0.2%
7	92.2	-0.9%	-2.4%
8	96.7	-0.4%	-1.1%
9	92.3	-1.2%	3.7%
10	88.9	-0.0%	6.1%
11	86.4	5.1%	7.4%
12	88.2	6.3%	-0.9%
13	87.2	3.8%	-8.1%
14	84.2	3.8%	-11.0%
15	89.8	-2.6%	-4.3%
16	82.7	-3.4%	-11.1%

3000D | Rf: 89.8 | Rg: 101.4  
Color Vector Graphic



Test Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	90.2	-4.2%	1.5%
2	90.9	-2.0%	3.7%
3	87.9	0.8%	5.5%
4	92.1	-0.9%	0.6%
5	93.0	1.5%	1.6%
6	92.2	3.9%	-0.2%
7	92.1	-0.3%	-2.0%
8	96.7	0.0%	-1.2%
9	92.5	-0.6%	3.7%
10	88.3	1.1%	7.0%
11	87.2	4.1%	7.4%
12	87.2	6.7%	-1.0%
13	88.2	3.8%	-7.2%
14	85.3	4.3%	-9.9%
15	90.9	-2.2%	-3.6%
16	83.4	-2.2%	-11.2%