

TWIGGY D1 HINGED 1" LENS

24VDC, VANITY/WALL STATIC WHITE & WARM DIM

DESIGNED BY GREGORY KAY | MADE IN AMERICA

REV 12.16.21



DESCRIPTION

The Twiggy D1 Hinged Vanity Wall fixture contains Designer Grade 95+ CRI LEDs for excellent color rendering ranging from color temperatures of 2200K-4000K. Warm Dim options of (27D) 2700K or (30D) 3000K that dim down to 2000K. The Twiggy D1 Hinged vertically mounted only vanity is available in standard sizes from 12 to 96 inches (custom order length available). Fixture options include, **TWH2** 120V-24VDC electronic low voltage (ELV) power supply (included) that fits inside three different junction box options. **TWH2R** Remote Universal Power supplies (Sold Separately), Class 2 wiring with dimming choices of Triac, ELV or 0-10V. Fixture includes 5 year pro-rated warranty. For Custom designs, layout assistance and quotes, email our Design Team: design@PureEdgeLighting.com.

ELECTRICAL:

Power Supply Options: **TWH2** - [Electronic low voltage power supply fits in junction box \(included\)](#)†.

†ELV power supplies are not compatible with nLight, use only Universal power supplies

TWH2R - Remote 24VDC, Class 2 power supply [UNI Driver: Universal Dimming](#) (Sold Separately).

Power Consumed: 5 Watts per foot
Average LED life: 60,000 hrs @ normal usage

DIMMING

TWH2: ELV Dimmer with Power Supply in J-BOX
TWH2R: Remote Power, Universal Dimming (**TRIAC, ELV, 0-10V**)

PHYSICAL ATTRIBUTES:

Mounts	Vertical only
Mounting Options:	4SQ: Floating Canopy Mounts to standard 4" electrical box with round plaster ring anywhere along the fixture. 1RE: Floating Canopy Mounts to Slim Profile junction box (included) recommend for new construction application
Ordering Increments:	Order every 2" or 3" up to 96". See Length Chart for nominal and exact sizes.
Max length:	96" Custom lengths available
Material:	High Grade Aluminum Channel, Designer Grade LEDs, Diffused White Lens
Hinged Fixture:	Fixture has adjustable hinge at the wall which lets the fixture swivel for optimal beam placement
Compliance:	ADA, ETL, Title 24
Warranty:	PureEdge's 5 Year Pro-rated Warranty is backed by over 30 years of precision lighting manufacturing and design

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 TWH2R remote power supply only; order separately. Class 2 wiring, Made in America.

Product	Lens	Canopy	Length In Inches	Color Temperature	Finish
TWH2	D1	1RE	12IN	27K	SA
TWH2 Twiggy Hinged with Power Supply in JBox TWH2R Twiggy Hinged, Remote Power sold separately	D1 Direct 1" Lens	4SQ 4" Floating Square Canopy 1RE 1" Rectangle Floating Canopy with Junction Box	12IN to 96IN Order in various 2 and 3 inch increments from 12" to 96"	22K 2200K Amber White 24K 2400K Very Warm White 27K 2700K Incandescent White 27D 2700K Warm Dim to 2000K (DIM-TO-WARM) 5 Watt Only 30K 3000K Warm White 30D 3000K Warm Dim to 2000K (DIM-TO-WARM) 5 Watt Only 35K 3500K Neutral White 40K 4000K Cool White	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 length chart for exact sizes.

PROJECT	FIXTURE TYPE	DATE
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TWIGGY D1 HINGED 1" LENS

24VDC, VANITY/WALL STATIC WHITE & WARM DIM

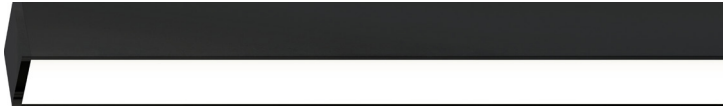
REV 12.16.21

Nominal Lamp Data: Lamp data for the Twiggy Vanity

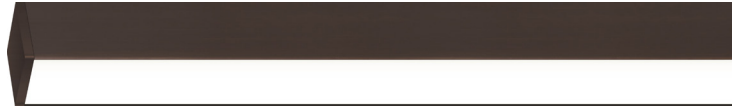
DESCRIPTION	TXW2N							
	STANDARD EFFICIENCY, 100° DIFFUSED WHITE LENS WITHOUT LOUVER							
WATTS PER FOOT	5w (4.4 watts)							
COLOR TEMPERATURE	22K	24K	27K	27D*	30K	30D*	35K	40K
LUMENS PER FOOT (lm/ft)	226	251	275	341	301	341	345	375
LUMENS PER WATT (lm/w)	51	57	62	71	68	71	78	85
CRI	85+	90+	95+	93+	95+	92+	85+	85+

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

FINISHES



Satin Black
BK



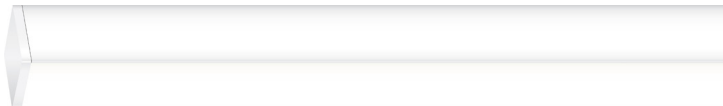
Antique Bronze
BZ



Satin Aluminum
SA



Satin Nickel
SN



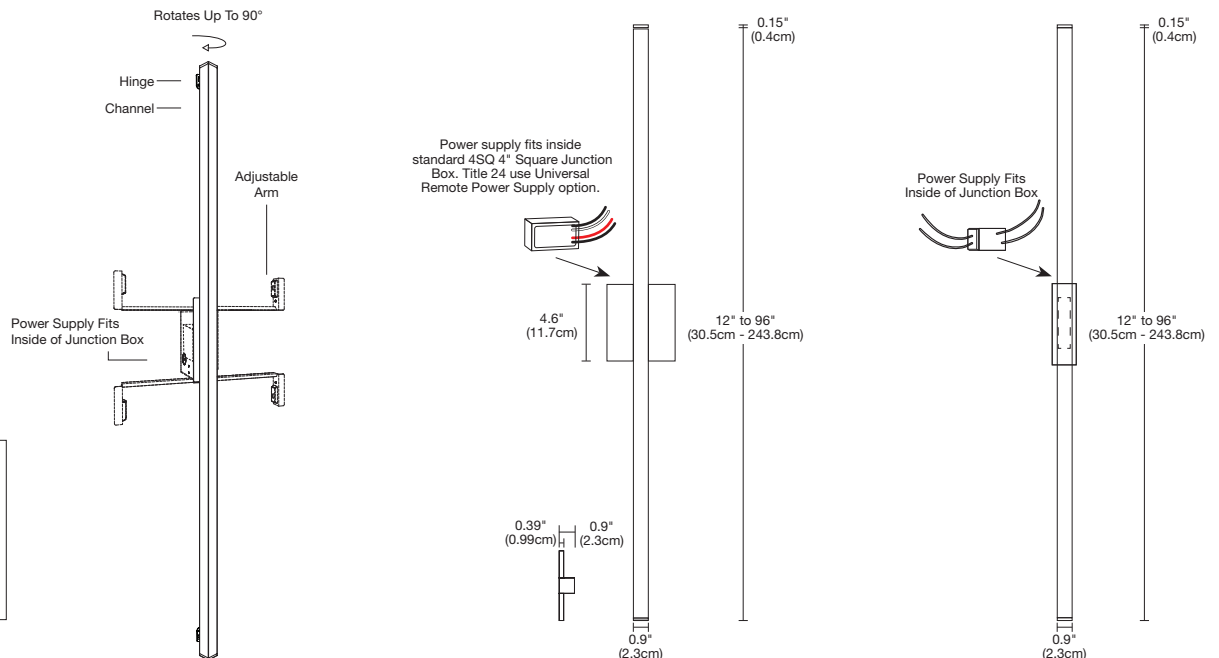
White
WH



Satin Brass with Black Canopy and End Caps
BB



Satin Brass with White Canopy and End Caps
BW



Adjustable Hinge

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LENGTH CHART: Actual lengths for Twiggy D1

22K, 24K, 27K, 30K, 35K & 40K			
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

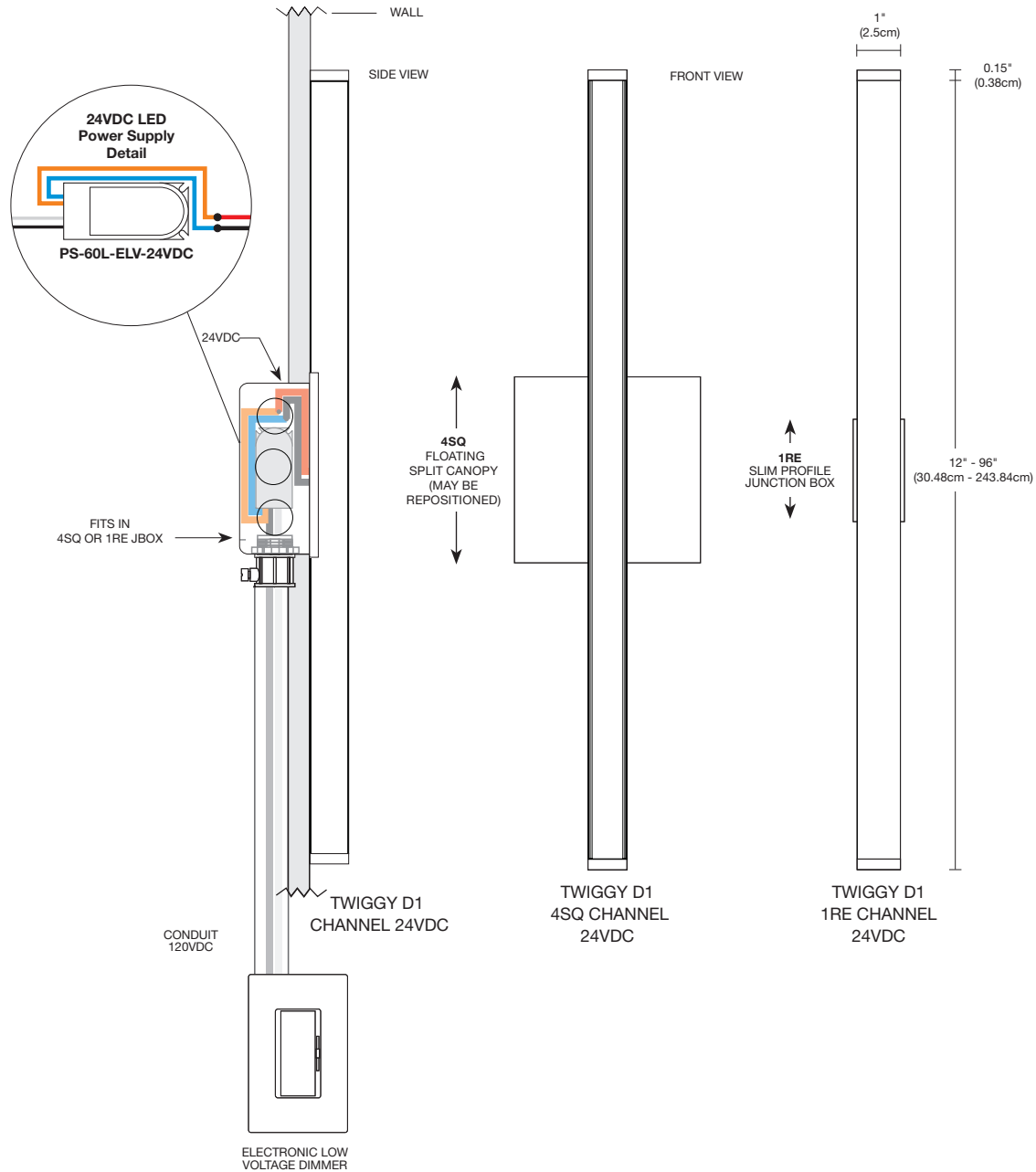
27D & 30D			
ORDERING CODE (NOMINAL SIZE)	ACTUAL LENGTH (INCHES)	ORDERING CODE (NOMINAL SIZE)	ACTUAL LENGTH (INCHES)
12IN	13.1	57IN	58.1
15IN	16.1	60IN	61.1
18IN	19.1	63IN	64.1
21IN	22.1	66IN	67.1
24IN	25.1	69IN	70.1
27IN	28.1	72IN	73.1
30IN	31.1	75IN	76.1
33IN	34.1	78IN	79.1
36IN	37.1	81IN	82.1
39IN	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		

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TWIGGY D1 HINGED 1" LENS

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- Application:** ELV Electronic low voltage dimming for Twiggy D1 Hinged
- Power Supply:** 120V input, 24VDC class 2 output; electronic low voltage LED power supply (included) that fits inside standard junction box
- Dimming:** Dimmable with ELV Dimmers using power supply: Legrand, Adorne ADTP703TU; Lutron: Diva DVELV-300P, Skylark SELV-300P, Maestro MAELV-600 and Radio Ra 2.



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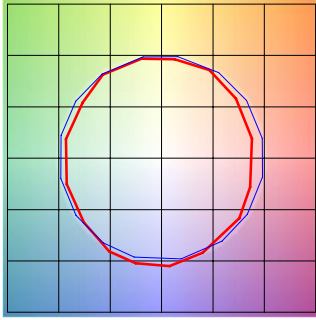
TM30 DATA

24VDC, VANITY/WALL 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.

2200K | Rf: 83.9 | Rg: 94.9

Color Vector Graphic

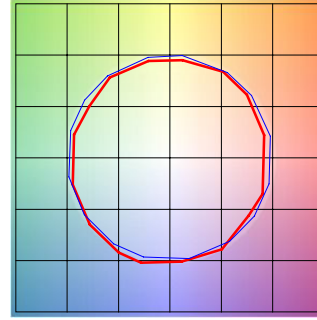


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	77.6	-10.0%	1.8%
2	80.7	-7.5%	7.0%
3	79.5	-2.9%	8.9%
4	90.5	-3.1%	2.4%
5	93.9	-1.3%	1.9%
6	91.9	-0.9%	-0.2%
7	87.6	-6.3%	-2.7%
8	90.5	-5.4%	2.7%
9	83.8	-4.7%	6.5%
10	81.2	-2.5%	10.0%
11	83.3	3.9%	9.4%
12	86.4	5.6%	2.6%
13	86.2	4.5%	-12.4%
14	64.3	-1.0%	-21.9%
15	85.1	-4.4%	-7.5%
16	75.0	-9.9%	-12.0%

2700K | Rf: 87.7 | Rg: 96.1

Color Vector Graphic

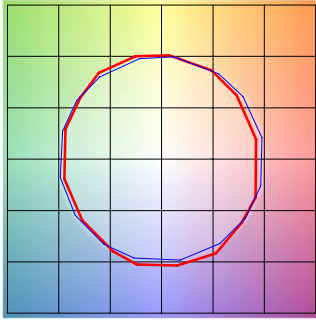


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	86.4	-5.6%	2.3%
2	89.7	-3.3%	3.1%
3	90.5	-1.5%	3.8%
4	90.0	-4.3%	1.1%
5	92.9	-3.7%	0.2%
6	93.5	-2.5%	-0.8%
7	86.3	-7.2%	2.5%
8	90.7	-4.0%	3.2%
9	85.2	-2.4%	8.1%
10	81.7	0.9%	10.8%
11	85.4	4.5%	8.9%
12	88.7	5.7%	-1.4%
13	88.3	1.3%	-7.9%
14	85.1	2.4%	-10.4%
15	88.1	-4.8%	-2.7%
16	81.7	-4.3%	-10.9%

3000K | Rf: 88.1 | Rg: 99.7

Color Vector Graphic

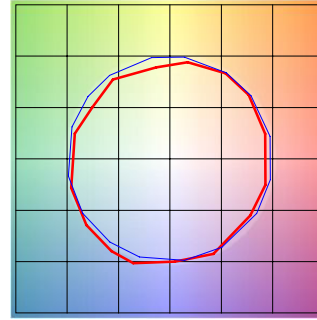


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	87.7	-5.9%	-0.3%
2	87.9	-4.4%	4.3%
3	82.9	-1.2%	7.9%
4	89.9	0.6%	4.7%
5	92.7	3.0%	3.5%
6	92.7	3.6%	-1.7%
7	90.8	-1.3%	-4.4%
8	93.7	-2.5%	-2.2%
9	91.7	-3.7%	2.3%
10	85.5	-2.8%	7.8%
11	83.3	0.7%	11.0%
12	86.4	5.5%	3.8%
13	90.6	4.6%	-3.6%
14	85.6	5.9%	-8.4%
15	89.5	-0.6%	-5.7%
16	82.6	-2.7%	-12.0%

3500K | Rf: 86.1 | Rg: 95.5

Color Vector Graphic

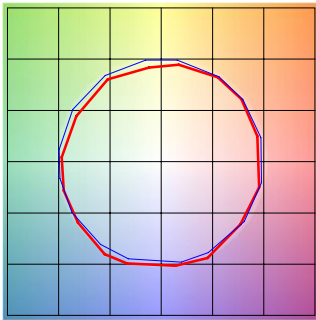


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	86.6	-4.2%	3.4%
2	91.7	-1.4%	1.8%
3	94.9	-0.7%	0.4%
4	87.9	-4.5%	-4.1%
5	85.9	-10.3%	-2.7%
6	89.8	-5.2%	-0.4%
7	79.6	-9.5%	6.5%
8	87.6	-4.0%	5.7%
9	81.4	-0.5%	11.8%
10	78.3	3.3%	11.4%
11	85.7	6.3%	6.1%
12	86.3	7.1%	-4.6%
13	86.1	-0.7%	-9.6%
14	85.1	0.8%	-10.4%
15	83.4	-4.1%	-5.3%
16	82.5	-3.6%	-5.7%

4000K | Rf: 87.6 | Rg: 96.8

Color Vector Graphic



■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	89.0	-3.1%	2.1%
2	93.2	-0.9%	1.3%
3	94.3	-1.1%	0.7%
4	89.5	-4.0%	-2.3%
5	87.6	-7.8%	-1.8%
6	92.2	-4.6%	0.1%
7	87.4	-6.6%	3.6%
8	85.7	-3.8%	7.0%
9	81.5	-1.3%	12.4%
10	80.0	0.9%	11.4%
11	83.3	5.9%	8.7%
12	89.7	4.8%	-0.3%
13	88.5	2.4%	-6.3%
14	92.7	4.0%	-3.8%
15	86.1	-1.6%	-4.5%
16	85.0	-1.4%	-5.0%

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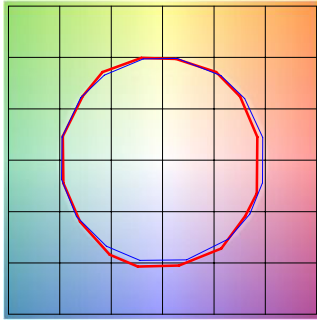
TM30 DATA

24VDC, VANITY/WALL 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

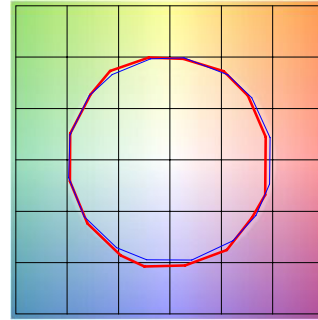


■ Test ■ Reference

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%

PROJECT		FIXTURE TYPE		DATE	
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