

BARDOT VANITY 24VDC SYSTEM WITH WARM DIM TECHNOLOGY (OPTIONAL)

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 01.28.20



DESCRIPTION

The Bardot Vanity Fixture from PureEdge Lighting features cutting edge technology with an Opaque White Diffuser Lens that provides uniform 95+ CRI illumination without hot spots. Bardot Vanity fixtures are available in 9 Kelvin-Color temperatures ranging from 2200K-5700K including Warm Dim technology option. Standard sizes may be custom ordered in 3, 5, 8 or 10 Inch increments. Fixture may be ordered with a 4 Inch Round Canopy or Slim-Profile Junction Box. Fixture uses a 24VDC Class 2 electronic low voltage LED power supply (included), and fits inside a standard square 4 inch electrical box with round plaster ring and floating split canopy (4RD), or choose the Slim Profile Junction Box (1RE) which does not require a canopy (remote power only). The Bardot Vanity fixture can be controlled with a variety of dimmers or controllers (sold separately).

ELECTRICAL:

Power Supply Options: **BV2** - Input Voltage 120VAC, Output Voltage 24VDC ELV form factor power supply fits in junction box up to 50W in IC ceiling. SKU Included in J-BOX (PS-60L-ELV-24VDC)

BV2R - 24VDC from remote Universal Power Supply, Title 24

DIMMING

BV2 Dimming: ELV Dimming Use Recommended Dimmers (sold separately). Power Supply in J-Box PS-60L-ELV-24VDC

BV2R Dimming: Remote Power Supply with Universal Dimming TRIAC, ELV, 0-10V. (Dimmers and Remote Power Supplies Sold Separately).

APPROVALS

Damp Location, ETL Listed, Title 24 AV2R Remote power supply only, Class 2 wiring, Made in America.

PHYSICAL ATTRIBUTES:

Mounting Options: **4RD** - 4.6" Floating Round 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.

Ordering Increments*: Order in 2 or 3-inch increments. Static CCT Max Length - 120" at 4.4w/ft Warm Dim Max Length - 118" at 4.4w/ft Chrome Max Length - 84" 4.4 or 4.8w/ft. *See complete ordering increments grid on page 3. *Custom Lengths Available*

Compliance: ADA, ETL Listed, Title 24 Compliant

Warranty: 5-Year Pro Rated Warranty

APPLICATIONS

Indoor Only - Bathroom vanity, architectural lighting, task lighting, general lighting, cove, and retail

Product	Canopy	Length In Inches	Color Temperature	Finish
BV2	4RD	12IN	27K	SA
BV2 Bardot Vanity 24VDC, ELV Power Supply Included	4RD 4" Floating Round Canopy Mounts Anywhere Along the fixture.	12-120 12" to 120" Standard Sizes order by the Foot. Custom lengths may be ordered in 3, 5, 8 or 10" Inch increments.	22K 2200K Candle White 24K 2400K Very Warm White 27K 2700K Incandescent White 27D 2700K Warm Dim 30K 3000K Warm White 30D 3000K Warm Dim 35K 3500K Neutral White 40K 4000K Cool White 57K 5700K Daylight White	SA Satin Aluminum SN Satin Nickel CH Chrome (Max 84") BZ Antique Bronze BK Satin Black WH White

*Chrome max 84"
**See page 3 of spec sheet for actual lengths

PROJECT	FIXTURE TYPE	DATE
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BARDOT VANITY 24VDC SYSTEM

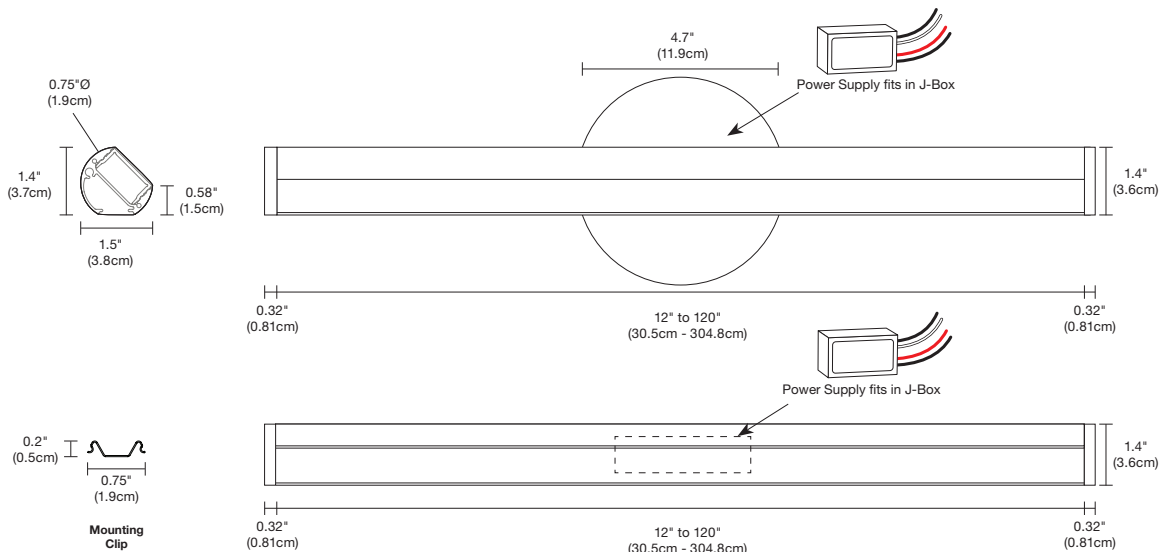
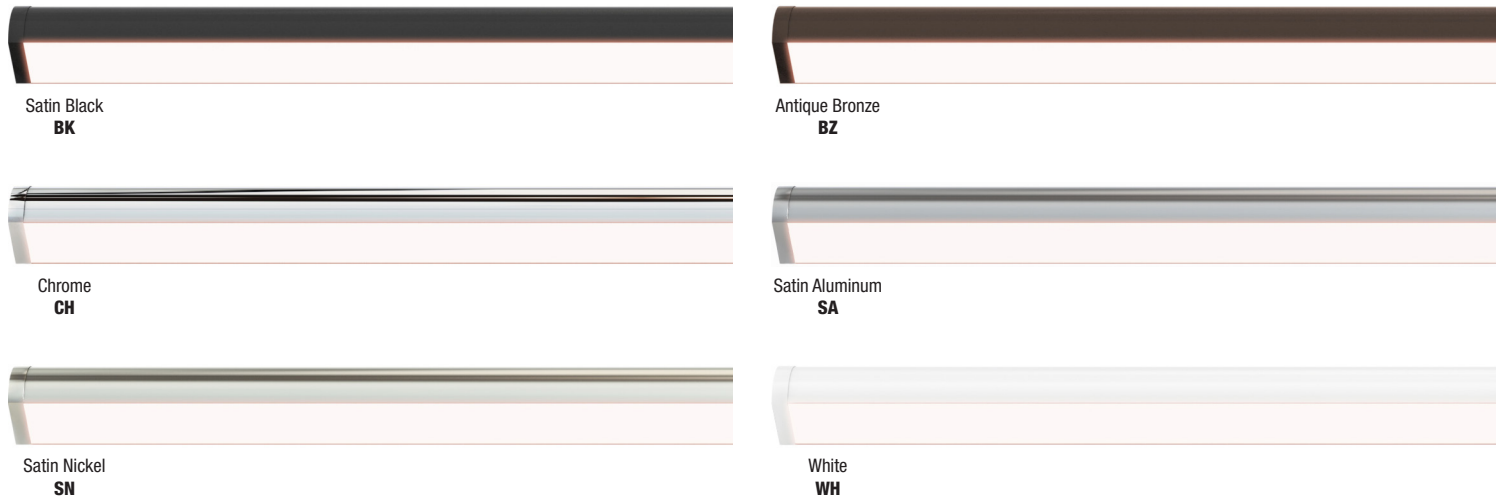
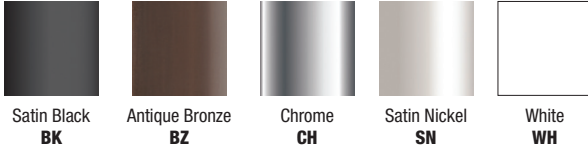
WITH WARM DIM TECHNOLOGY (OPTIONAL)

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Nominal Lamp Data: Lamp data for the Bardot Vanity

DESCRIPTION	BV2										
	BARDOT VANITY										
WATTS PER FOOT	5w (5 watts)										
COLOR TEMPERATURE	20K	22K	24K	27K	27D*	30K	30D*	35K	40K	57K	
LUMENS PER FOOT (lm/ft)	247	261	290	318	324	348	497	398	433	461	
LUMENS PER WATT (lm/w)	56	59	66	72	67	79	74	90	98	105	
CRI	85+	85+	90+	95+	95+	95+	95+	90+	90+	85+	

FINISHES:



PROJECT	FIXTURE TYPE	DATE
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BARDOT VANITY 24VDC SYSTEM

WITH WARM DIM TECHNOLOGY (OPTIONAL)

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Length Chart: Actual lengths for Bardot Vanity.

22K, 24K, 27K, 30K, 35K, 40K & 57K					
ORDERING CODE (NOMINAL SIZE)	ACTUAL LENGTH (INCHES)	TOTAL WATTAGE	ORDERING CODE (NOMINAL SIZE)	ACTUAL LENGTH (INCHES)	TOTAL WATTAGE
12in	13.1	5W	68in	68.3	29W
15in	15.5	7W	70in	70.7	30W
17in	17.9	8W	72in	73.1	30W
20in	20.3	9W	75in	75.5	32W
22in	22.7	10W	77in	77.9	33W
24in	25.1	10W	80in	80.3	34W
27in	27.5	12W	82in	82.7	35W
29in	29.9	13W	84in	85.1	35W
32in	32.3	14W	87in	87.5	37W
34in	34.7	15W	89in	89.9	38W
36in	37.1	15W	92in	92.3	339W
39in	39.5	17W	94in	94.7	40W
41in	41.9	18W	96in	97.1	40W
44in	44.3	19W	99in	99.5	42W
46in	46.7	20W	101in	101.9	43W
48in	49.1	20W	104in	104.3	44W
51in	51.5	22W	106in	106.7	45W
53in	53.9	23W	108in	109.1	45W
56in	56.3	24W	111in	111.5	47W
58in	58.7	25W	113in	113.9	48W
60in	61.1	25W	116in	116.3	49W
63in	63.5	27W	118in	118.7	50W
65in	65.9	28W	120in	121.1	50W

27D & 30D					
ORDERING CODE (NOMINAL SIZE)	ACTUAL LENGTH (INCHES)	TOTAL WATTAGE	ORDERING CODE (NOMINAL SIZE)	ACTUAL LENGTH (INCHES)	TOTAL WATTAGE
12in	13.1	5	66in	67.1	28W
15in	16.1	7	69in	70.1	29W
18in	19.1	8	72in	73.1	30W
21in	22.1	9	75in	76.1	32W
24in	25.1	10	78in	79.1	33W
27in	28.1	12	81in	82.1	34W
30in	31.1	13	84in	85.1	35W
33in	34.1	14	87in	88.1	37W
36in	37.1	15	90in	91.1	38W
39in	40.1	17	93in	94.1	39W
42in	43.1	18	96in	97.1	40W
45in	46.1	19	99in	101.1	41W
48in	49.1	20	102in	103.1	42W
51in	52.1	22	105in	106.1	44W
54in	55.4	23	108in	109.1	45W
57in	58.1	24	112in	113.1	46W
60in	61.1	25	115in	116.1	47W
63in	64.1	27	118in	119.1	49W

PROJECT		FIXTURE TYPE		DATE	
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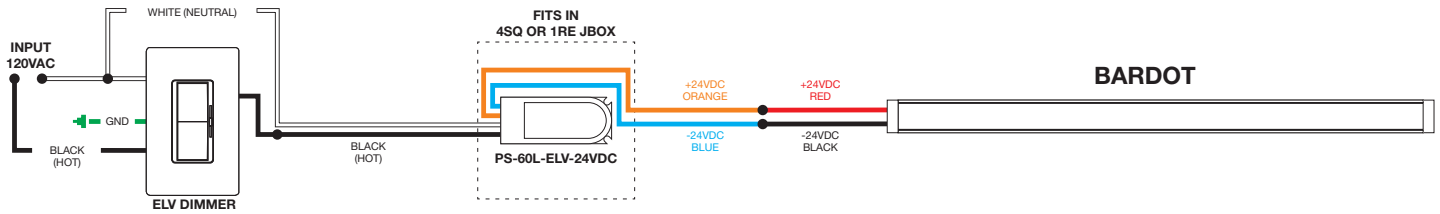
BARDOT VANITY 24VDC SYSTEM

WITH WARM DIM TECHNOLOGY (OPTIONAL)

Application: ELV Dimming with an ELV Power Supply and ELV Dimmer for Bardot Vanity

Power Supply: Remote, Class 2, 24VDC output: 120VAC input, PS-60L-ELV-24VDC

Dimming: Dimmable with Individual ELV Dimmers using power supplies above: Legrand, Adorne ADTP703TU; Lutron: Diva DVELV-300P, Skylark SELV-300P, Maestro MAELV-600 and Radio Ra 2.

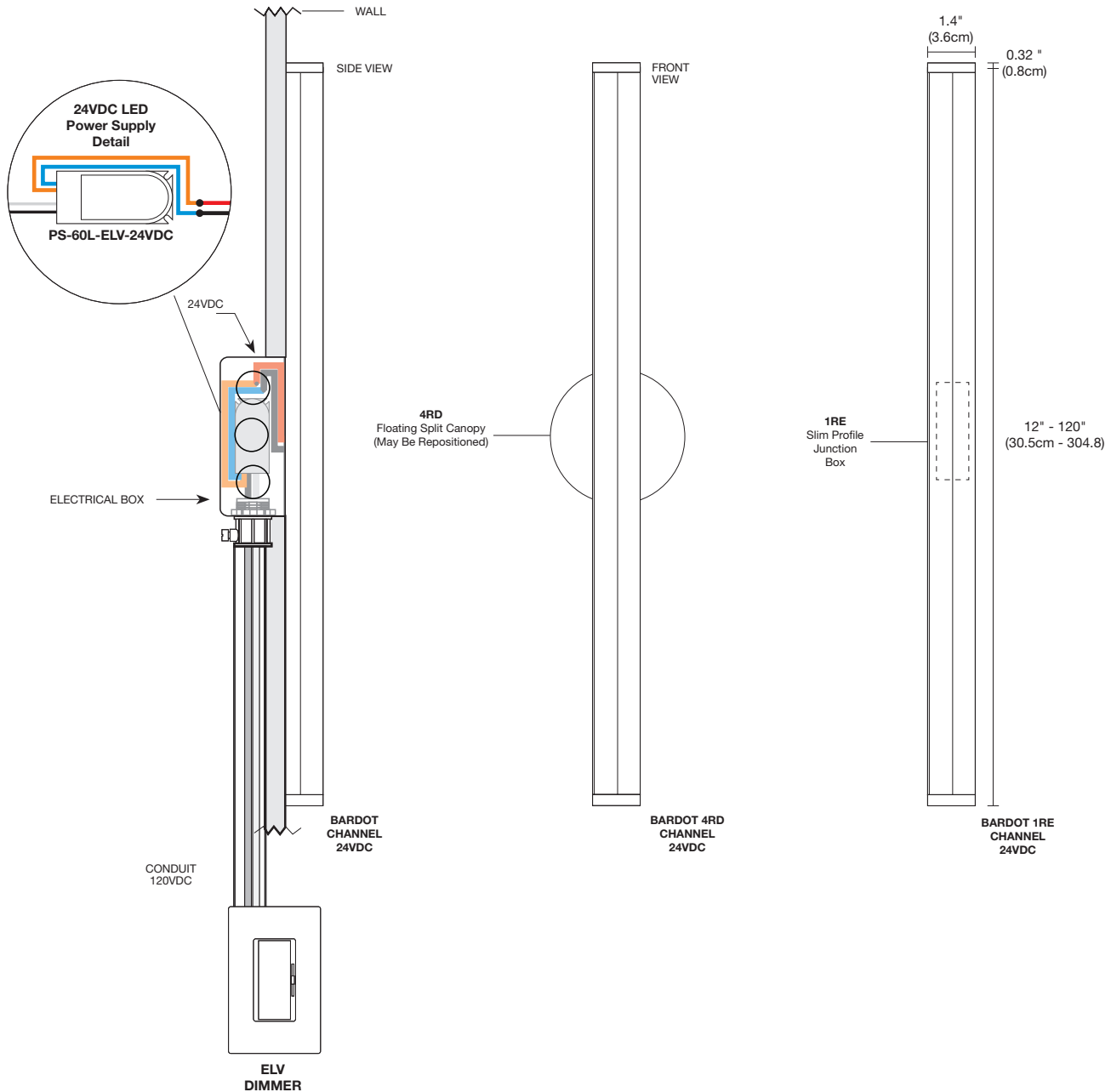


PROJECT	FIXTURE TYPE	DATE

BARDOT VANITY 24VDC SYSTEM

WITH WARM DIM TECHNOLOGY (OPTIONAL)









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



PROJECT	FIXTURE TYPE	DATE
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INDOOR CONSTANT VOLTAGE REMOTE POWER SUPPLIES

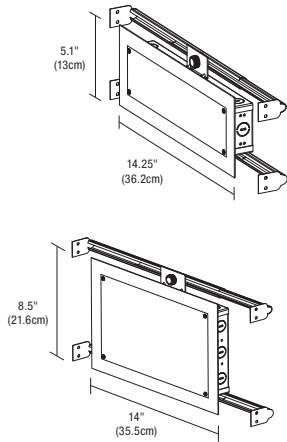
24VDC, UNI - UNIVERSAL DIMMING WITH ELV, TRIAC, & 0-10V

UNIVERSAL POWER SUPPLIES & RECOMMENDED DIMMERS				
ORDERING CODE	PSB-40W-UNI-24VDC 	PSB-60W-UNI-24VDC 	PSB-2X40W-UNI-24VDC 	PSB-2X60W-UNI-24VDC 
SPECIFICATIONS				
MAXIMUM LOAD	40W	60W	2X40W	2X60W
INPUT VOLTAGE	120-277VAC	120-277VAC	120-277VAC	120-277VAC
OUTPUT VOLTAGE	24VDC	24VDC	24VDC	24VDC
DIMENSIONS	12.4" X 3.12" X 2.18"	12.4" X 3.12" X 2.18"	12.15" X 6.48" X 2.18"	12.15" X 6.48" X 2.18"
CLASSIFICATION	CLASS 2	CLASS 2	CLASS 2	CLASS 2
IN-WALL MOUNTING	PSB-40W-UNI-24VDC-IW	PSB-60W-UNI-24VDC-IW	PSB-2X40W-UNI-24VDC-IW	PSB-2X60W-UNI-24VDC-IW
UNIVERSAL POWER SUPPLIES & RECOMMENDED DIMMERS				
ORDERING CODE	PSB-96W-UNI-24VDC 	PSB-2X96W-UNI-24VDC 	PSB-3X96W-UNI-24VDC 	PSB-4X96W-UNI-24VDC 
SPECIFICATIONS				
MAXIMUM LOAD	96W	2X96W	3X96W	4X96W
INPUT VOLTAGE	120-277VAC	120-277VAC	120-277VAC	120-277VAC
OUTPUT VOLTAGE	24VDC	24VDC	24VDC	24VDC
DIMENSIONS	12.4" X 3.12" X 2.18"	12.15" X 6.48" X 2.18"	14" X 10" X 3"	17" X 13" X 3"
CLASSIFICATION	CLASS 2	CLASS 2	CLASS 2	CLASS 2
IN-WALL MOUNTING	PSB-96W-UNI-24VDC-IW	PSB-2X96W-UNI-24VDC-IW	NA	NA
ELV DIMMING & CONTROLS				
LUTRON DIVA: DVELV-300P	•	•	•	•
LUTRON SKYLARK: SELV-300P	•	•	•	•
LUTRON RADIO RA2: RRD-6NA	•	•	•	•
LUTRON MAESTRO: MAELV-600	•	•	•	•
LEGRAND ADORNE: ADTP-703TUM4	•	•	•	•
0-10 DIMMING & CONTROLS				
PHILIPS SUNRISE: SR1200ZTUNV	•	•	•	•
LUTRON DIVA: DDTV-WH, DVSTV-WH	•	•	•	•
LUTRON NOVA T: NTSTV-DV-XX	•	•	•	•
LUTRON GRAFIX EYE QS: QSGRJ-XP	•	•	•	•
LUTRON RADIO RA2: RRD-10ND	•	•	•	•
LEVITON: LEV40050	•	•	•	•
LEVITON IP710-LFZ	•	•	•	•
LEGRAND: ADPD4FBL3P2W4	•	•	•	•
TRIAC DIMMING & CONTROLS				
LUTRON SKYLARK: S2-L-WH	•	•	•	•
LUTRON DIVA DVLV-600P-WH	•	•	•	•
LUTRON DIVA DVLV-603P-WH	•	•	•	•
LUTRON MAESTRO MALV-600-WH	•	•	•	•
LUTRON MAESTRO MALV-1000-WH	•	•	•	•
LUTRON MAESTRO MA-R-XX	•	•	•	•

- Flicker free dimming
- Aluminum casing for optimal heat dissipation
- Isolated output power per NEC and UL safety requirements
- UL & ETL recognized/ listed, meets UL 8750, 1310 requirements
- Auto-reset: short circuit, overload and thermal protection
- Class 2 power supply
- Efficient, High power factor > 0.90
- The Solid State Constant Voltage Uni-Power Supply is compatible with most commercially available Dimmers:
 - Triac Dimmer : (Forward Phase) Typically used for the dimming of Incandescent and Low Voltage Magnetic Transformers
 - ELV Dimmer : (Reverse Phase) Dimming of Electronic Low Voltage Transformers and Power Supply's used for LED lighting
 - 0-10 Dimmer : Dims the Low Voltage side of a 0-10 volt power supply commonly used in large scale lighting or commercial applications.
- The Uni-Power Supply is recommended with any Siemens/Murray brand of arc fault breaker to overcome the issues with tripping the breakers with an ELV LED Low Voltage Drivers.

PROJECT		FIXTURE TYPE		DATE	
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IN WALL MOUNTING OPTIONS



In-Wall Mounting Kit: Includes power supply, box cover and stud hangers for installing Junction Box in wall. Select "IW" in the options section of compatible power supply ordering codes if an In-Wall Mounting Kit is needed.

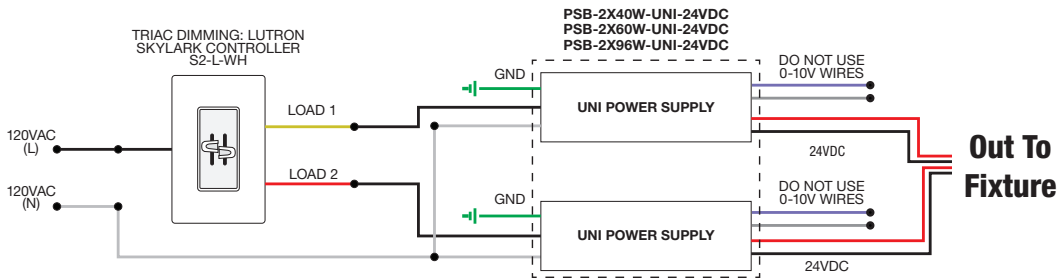
Ordering Codes 5.1 x 14.25 inch: PSB-40W-UNI-24VDC-IW
PSB-60W-UNI-24VDC-IW
PSB-96W-UNI-24VDC-IW

Ordering Codes 8.5 x 14.25 inch: PSB-2X40W-UNI-24VDC-IW
PSB-2X60W-UNI-24VDC-IW
PSB-2X96W-UNI-24VDC-IW

WIRING DIAGRAMS UNIVERSAL POWER SUPPLY

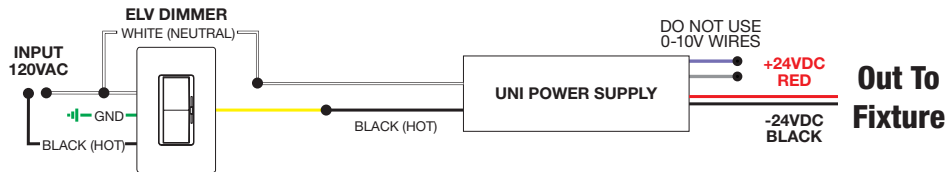
Application: Triac dimming for two power supplies, use for Static White, Dynamic/Tunable White 2000K-4000K

Dimming: Dimmable with Triac dimmer: Lutron: Skylark S2-L



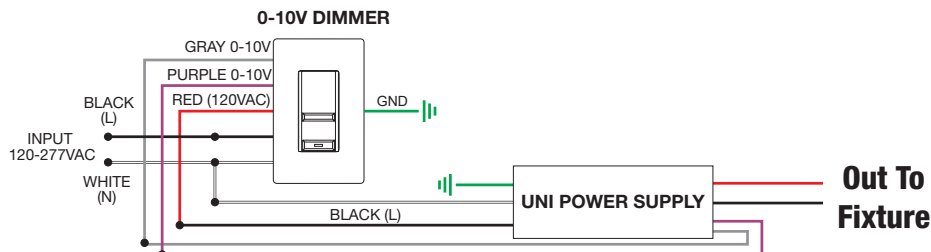
Application: ELV dimming for Static White and Warm Dim

Dimming: Dimmable with ELV dimmer: Legrand, Adorne ADTP703TU; Lutron: Diva DVELV-300P, Skylark SELV-300P, Maestro MAELV-600 and Radio Ra 2



Application: 0-10V dimming for Static White

Dimming: Dimmable with 0-10V dimmer: Philips Sunrise: SR1200ZTUNV; Lutron Diva: DVTW-WH, DVSTV-WH; Lutron Nova T: NTSTV-DV-XX; Lutron Grafix EYE QS: QSGRJ-XP; Lutron Radio Ra2: RRD-10ND; Leviton: LEV40050; Leviton IP710-LFZ; Legrand: ADPD4FBL3P2W4



PROJECT		FIXTURE TYPE		DATE	
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VANITY TM30 DATA

WITH WARM DIM TECHNOLOGY (OPTIONAL)

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

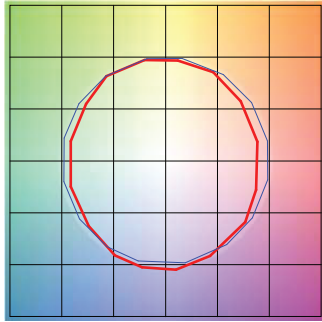
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TM-30-15 DATA

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

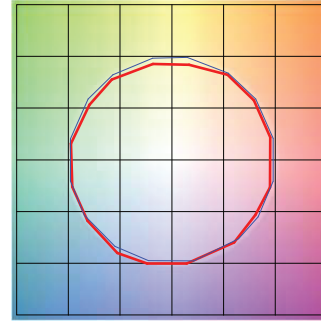


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	78.8	-9.5%	1.3%
2	80.7	-7.8%	6.7%
3	78.2	-3.3%	9.4%
4	89.7	-2.8%	3.6%
5	93.2	-0.8%	2.6%
6	93.0	-0.6%	-0.7%
7	87.7	-5.9%	-3.5%
8	89.2	-6.8%	1.9%
9	83.4	-5.6%	6.0%
10	79.3	-3.7%	10.8%
11	81.4	2.9%	11.1%
12	84.9	5.3%	4.9%
13	88.1	4.9%	-10.1%
14	68.1	0.1%	-19.5%
15	86.0	-3.3%	-7.3%
16	76.4	-8.9%	-11.7%

2400K | Rf: 91.2 | Rg: 96.8

Color Vector Graphic

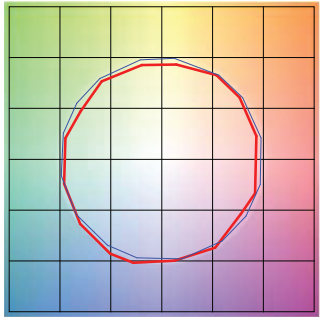


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		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

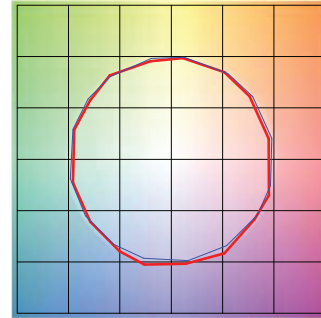


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		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

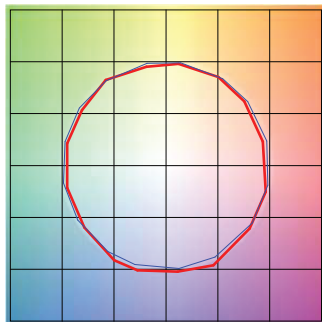


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		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

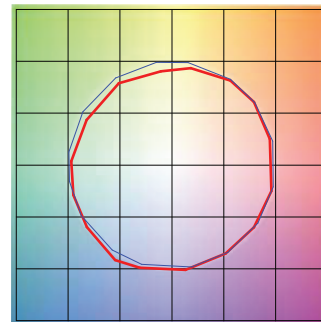


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		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

HUE BIN	Rf	GRAPHIC SHIFTS %	
		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%

PROJECT		FIXTURE TYPE		DATE	
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VANITY TM30 DATA

WITH WARM DIM TECHNOLOGY (OPTIONAL)

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

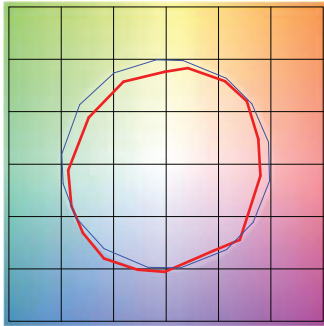
REV 01.28.20

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.

5700K | Rf: 80.3 | Rg: 91.5

Color Vector Graphic

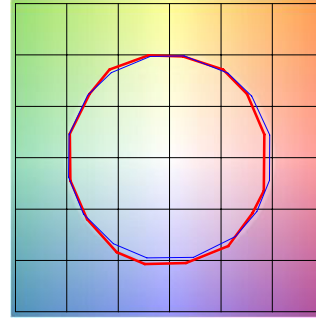


■ Test ■ Reference

		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	75.4	-8.9%	4.7%
2	87.5	-2.6%	4.6%
3	90.7	-3.0%	-0.5%
4	83.2	-6.0%	-5.7%
5	76.2	-12.9%	-5.3%
6	81.4	-11.9%	-2.6%
7	74.8	-14.0%	5.1%
8	69.0	-9.0%	14.1%
9	72.6	-3.6%	22.2%
10	71.4	2.7%	16.1%
11	81.3	7.9%	5.3%
12	83.6	4.1%	-9.4%
13	78.4	0.7%	-15.3%
14	77.7	-6.2%	-11.0%
15	68.8	-1.3%	-21.2%
16	80.8	-9.6%	3.3%

2700D | Rf: 89.5 | Rg: 100.8

Color Vector Graphic

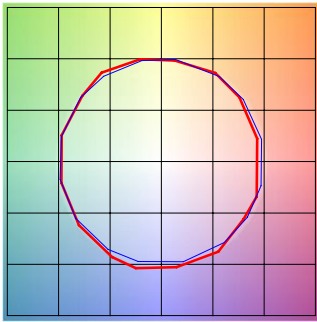


■ Test ■ Reference

		GRAPHIC SHIFTS %	
HUE BIN	Rf	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

		GRAPHIC SHIFTS %	
HUE BIN	Rf	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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