

DESCRIPTION

Our New Generation of the Reveal, washes the wall from the very top of the ceiling to the floor. Recessed within 5/8" drywall, without the need for joist modification. The 24VDC low-voltage system uses PureEdge's superior designer-grade 95+ CRI LEDs rendering art and color in their truest forms while producing uniform brightness. Simply mount the slim profile, plaster-in extrusions within the profile of 5/8" or thicker drywall 24" away from the projected wall, position our LED soft-strip within the channel, connect to the low voltage power supply then, plaster over the edges and paint to match the surrounding surface. The system is sold in 1' increments up to 20' and can be cut in the field to any length. Continuing to redefine the relationship between lighting and interior design, Reveal Wall Wash invokes dramatic yet refined illumination by highlighting art and creating depth of architectural features. Remote Power Supply is required and ordered separately. Coordinate installation with electrician and drywall contractors. Includes a 5 year pro-rated warranty. For custom quotes, email our design team: design@PureEdgeLighting.com.

DESIGN NOTE

Reveal Wall Wash is an ideal wall washing solution for any space, highlighting art and creating depth within architectural features. Multiple runs of channel mount seamlessly together and may wrap inside corners to wash surrounding walls with uniform controlled illumination up to 95+ CRI.

FINISHES



LAMPING

- Choose from 9 standard Color Temperatures including Warm Dim (27D and 30D). For Dynamic/Tunable white and RGB/RGBW see other specification sheets.
- 5, 7 or 10 watts per foot
- 50,000 Hour Lamp Life

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

- UNI Driver: Universal Dimming (TRIAC, ELV, 0-10V)
- Electronic Low Voltage Dimming (ELV)†
- 0-10 Volt Dimming (0-10V)
- Lutron Hi-Lume®

*In-Wall Mounting Kits available for select power supplies

†ELV power supplies are not compatible with nLight, use only 0-10 volt or Uni driver power supplies

APPLICATIONS

Indoor damp or dry locations only. Reveal Wall Wash is ideal in Residential, Commercial, Retail, and Hospitality Environments

INCLUDED COMPONENTS

Junction Box, Adjustable Mounting Bars, Reveal Wall Wash Channel(s), Power Feed End Cap, Junction Box Cover, Dead End Cap, Take-Up Box, Drywall Screws, LED Soft Strip, and Lens(es)

COMPLIANCE

Title 24 with Universal power supplies, ETL, Class 2, Damp Location, Made in USA. **1-hour fire rating uses Two pieces of Type X Gypsum board, for 2-Hour fire rating use Three pieces of Type X Gypsum board.**

PureEdge is the Original Designer of 5/8" Drywall Lighting Products with the Most Experience in the industry.

System	Watts Per Foot	Length in Feet	Color Temperature	Reflector Finish
RVWW2	5WDC	20FT	27K	WH
RVWW2 Reveal Wall Wash	5WDC 4.4 Watts 7WDC 7.5 Watts 10WDC 9.6 Watts	1-20FT 5WDC 1-12FT 7WDC 1-10FT 10WDC	22K 2200K Amber White 24K 2400K Very Warm White 27K 2700K Incandescent White 27D 2700K Warm Dim (5WDC only) 30K 3000K Warm White 30D 3000K Warm Dim (5WDC only) 35K 3500K Neutral White 40K 4000K Cool White 57K 5700K Daylight White	SA Satin Aluminum WH White

PROJECT	FIXTURE TYPE	DATE
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REVEAL WALL WASH 2

24VDC, PLASTER-IN LED SYSTEM, STATIC WHITE & WARM DIM

LAMP DATA Lamp Data for Reveal Wall Wash

DESCRIPTION	RVWW																						
	Wall Wash																						
	5w (4.4 watts)							7w (7.5 watts)							10w (9.6 watts)								
WATTS PER FOOT	22K	24K	27K	27D*	30K	30D*	35K	40K	57K	22K	24K	27K	30K	35K	40K	57K	22K	24K	27K	30K	35K	40K	57K
COLOR TEMPERATURE	228	253	278	344	303	344	347	378	402	372	413	454	496	568	617	657	482	535	588	642	736	800	851
LUMENS PER FOOT (lm/ft)	52	57	63	72	69	72	79	85	91	51	57	62	68	78	84	90	50	56	61	67	76	83	89
LUMENS PER WATT (lm/w)	85+	90+	95+	92+	95+	92+	85+	85+	85+	85+	90+	95+	95+	85+	85+	85+	85+	90+	95+	95+	85+	85+	85+
CRI	85+	90+	95+	92+	95+	92+	85+	85+	85+	85+	90+	95+	95+	85+	85+	85+	85+	90+	95+	95+	85+	85+	85+

*27D, 30D - Warm Dim 5 Watts Only

96W, 24VDC LOW VOLTAGE WIRE SIZE CHART: 3% VOLTAGE DROP

WIRE LENGTH (FT)	UP TO 33FT	34FT-52FT	53FT-86FT	87FT-130FT
WIRE SIZE	14 AWG	12 AWG	13 AWG	8 AWG
VOLTAGE AT END OF WIRE	23.28VDC	23.29VDC	23.28VDC	23.28VDC

5 WATTS PER FOOT - 22K, 24K, 27K, 27D, 30K, 30D, 35K, 40K & 57K				7 WATTS PER FOOT - 22K, 24K, 27K, 30K, 35K, 40K & 57K				10 WATTS PER FOOT - 22K, 24K, 27K, 30K, 35K, 40K & 57K			
LENGTH IN FEET	WATTS	LENGTH IN FEET	WATTS	LENGTH IN FEET	WATTS	LENGTH IN FEET	WATTS				
1	5	11	53	1	8	1	10				
2	10	12	58	2	15	2	20				
3	16	13	63	3	23	3	30				
4	20	14	67	4	30	4	40				
5	24	15	72	5	38	5	50				
6	29	16	77	6	45	6	60				
7	34	17	82	7	53	7	70				
8	38	18	87	8	60	8	80				
9	43	19	91	9	68	9	90				
10	48	20	96	10	75	10	100				
				11	83						
				12	90						

LENGTH CHART Actual lengths for Reveal Wall Wash

22K, 24K, 27K, 30K, 35K, 40K & 57K						
Nominal Length (Inches)	Total Wattage (5W)	Power Supply	Total Wattage (7W)	Power Supply	Total Wattage (10W)	Power Supply
12	5	PSB-40W-UNI-24VDC	8	PSB-40W-UNI-24VDC	10	PSB-40W-UNI-24VDC
24	10	PSB-40W-UNI-24VDC	15	PSB-40W-UNI-24VDC	20	PSB-40W-UNI-24VDC
36	15	PSB-40W-UNI-24VDC	23	PSB-40W-UNI-24VDC	30	PSB-40W-UNI-24VDC
48	20	PSB-40W-UNI-24VDC	30	PSB-40W-UNI-24VDC	40	PSB-60W-UNI-24VDC
60	25	PSB-40W-UNI-24VDC	38	PSB-40W-UNI-24VDC	50	PSB-60W-UNI-24VDC
72	30	PSB-40W-UNI-24VDC	45	PSB-60W-UNI-24VDC	60	PSB-96W-UNI-24VDC
84	35	PSB-40W-UNI-24VDC	53	PSB-60W-UNI-24VDC	70	PSB-96W-UNI-24VDC
96	40	PSB-60W-UNI-24VDC	60	PSB-96W-UNI-24VDC	80	PSB-96W-UNI-24VDC
108	45	PSB-60W-UNI-24VDC	68	PSB-96W-UNI-24VDC	90	PSB-96W-UNI-24VDC
120	50	PSB-60W-UNI-24VDC	75	PSB-96W-UNI-24VDC	100	PSB-100W-ELV-24VDC
132	55	PSB-60W-UNI-24VDC	83	PSB-96W-UNI-24VDC		
144	60	PSB-96W-UNI-24VDC	90	PSB-96W-UNI-24VDC		
156	65	PSB-96W-UNI-24VDC	98	PSB-100W-ELV-24VDC		
161	67	PSB-96W-UNI-24VDC				
168	70	PSB-96W-UNI-24VDC				
180	75	PSB-96W-UNI-24VDC				
192	80	PSB-96W-UNI-24VDC				
204	85	PSB-96W-UNI-24VDC				
216	90	PSB-96W-UNI-24VDC				
228	95	PSB-96W-UNI-24VDC				
240	100	PSB-100W-ELV-24VDC				

*Maximum Chrome Length **Maximum Shipping Length

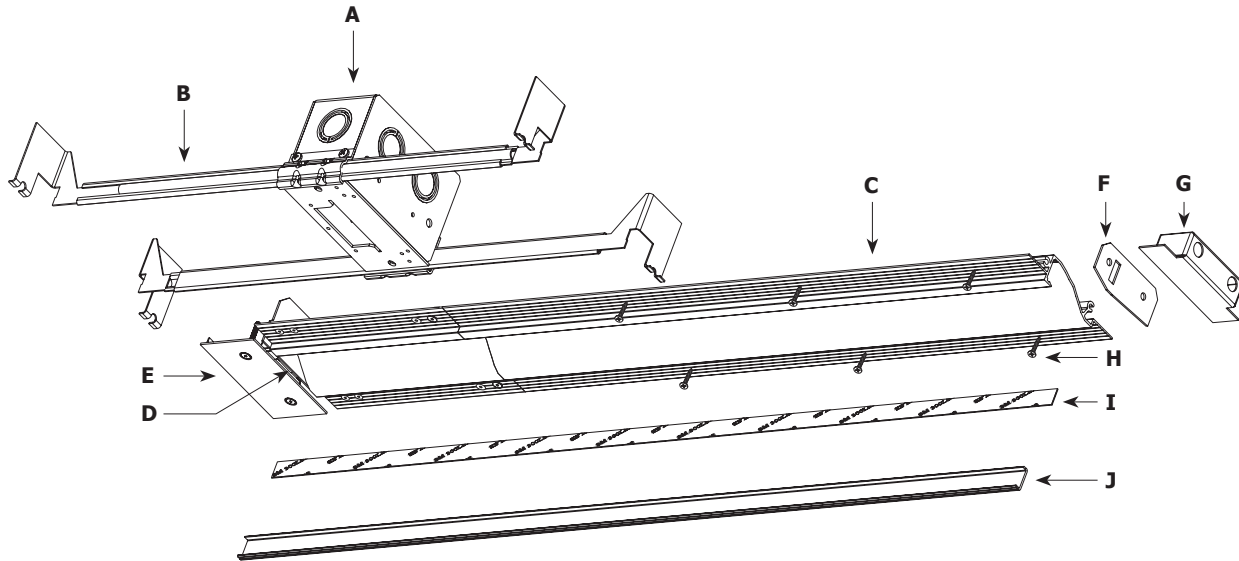
LENGTH CHART Actual lengths for Reveal Wall Wash

27D & 30D					
Nominal Length (Inches)	Total Wattage (5W)	Power Supply	Nominal Length (Inches)	Total Wattage (5W)	Power Supply
12	5	PSB-40W-UNI-24VDC	147	61	PSB-96W-UNI-24VDC
27	11	PSB-40W-UNI-24VDC	162	68	PSB-96W-UNI-24VDC
42	18	PSB-40W-UNI-24VDC	177	74	PSB-96W-UNI-24VDC
57	24	PSB-40W-UNI-24VDC	192	80	PSB-96W-UNI-24VDC
72	30	PSB-40W-UNI-24VDC	198	83	PSB-96W-UNI-24VDC
87	36	PSB-40W-UNI-24VDC	207	86	PSB-96W-UNI-24VDC
102	43	PSB-60W-UNI-24VDC	222	93	PSB-96W-UNI-24VDC
117	49	PSB-60W-UNI-24VDC	237	99	PSB-100W-ELV-24VDC
132	55	PSB-60W-UNI-24VDC			

*Maximum Chrome Length **Maximum Shipping Length

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INCLUDED COMPONENTS



A. JUNCTION BOX

Mounts behind drywall with Adjustable Mounting Bars and includes a drywall template for accurate installation. Low Voltage 24VDC wires from Remote Power Supply connect to LED wires inside box. Junction Box opening is concealed with the Reveal Wall Wash Junction Box cover and is required at the beginning of each run.

B. ADJUSTABLE MOUNTING BARS

Provide flexibility for mounting in a variety of spaces.

C. REVEAL WALL WASH CHANNEL

5/8" deep extrusion houses a single row of Commercial and Designer Grade High CRI 95+ LED Soft Strip.

D. POWER FEED END CAP

Provides a connection area for 24VDC wires at beginning of run where LED Soft Strip enters channel.

E. JUNCTION BOX COVER

Conceals Junction Box opening. Required at the beginning of each run.

F. DEAD END CAP PLATE

Provides a finished look and prevents light leak at feed-end of run where LED Soft Strip exits channel.

G. TAKE-UP BOX

Prevents dark spots at end of run by tucking excess LED Soft Strip safely behind wall.

H. DRYWALL SCREWS

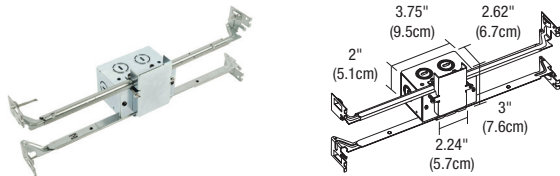
Secure channel to drywall and studs/joists.

I. LED SOFT STRIP

(Back Side shown) Designer Grade High CRI 95+ LEDs Soft Strip. See lamp data on for additional details.

J. LENS

0.74" wide diffused lens projects a clean line of light without LED dots.



JUNCTION BOX ROUGH-IN COMPONENT

One Junction Box is included with Reveal Wall Wash. Order additional Junction Box separately to rough-in electrical wiring before drywall installation. Quick shipment available.

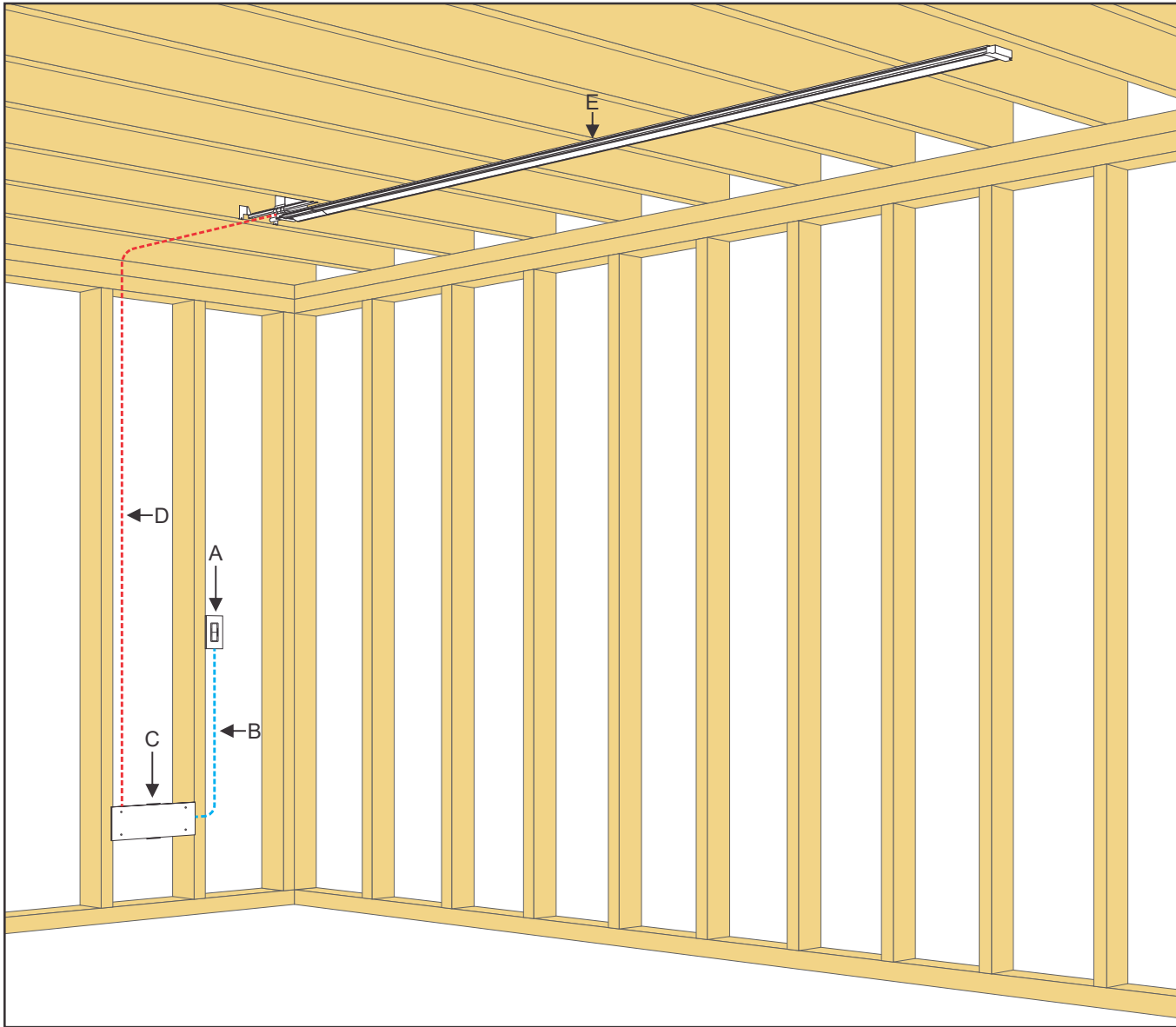
System	Size	Component
RVWW2	1RE	JBOX
RVWW2 Reveal Wall Wash	1RE 1" Rectangle	JBOX Junction Box

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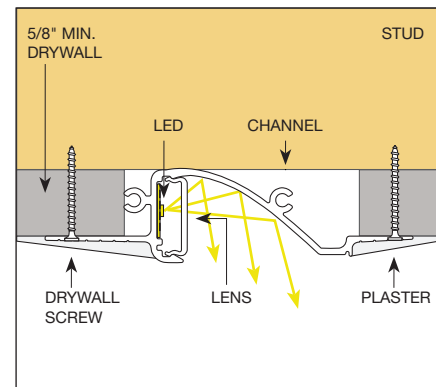
REVEAL WALL WASH 2

24VDC, PLASTER-IN LED SYSTEM, STATIC WHITE & WARM DIM

INSTALLATION

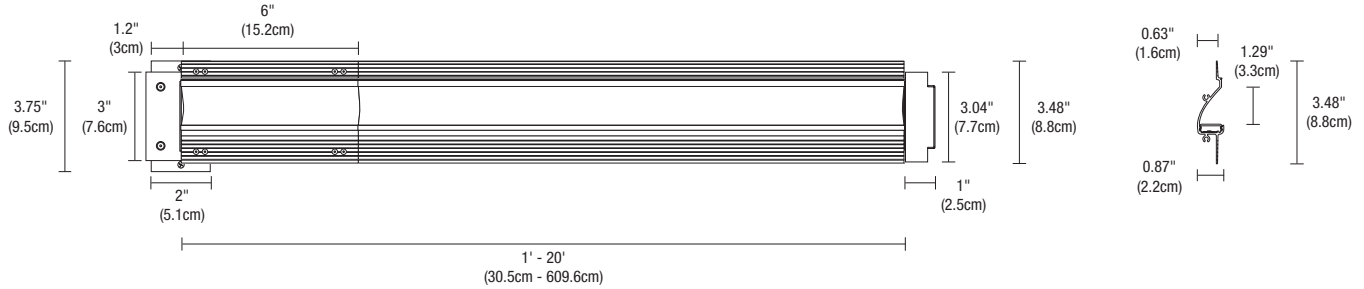
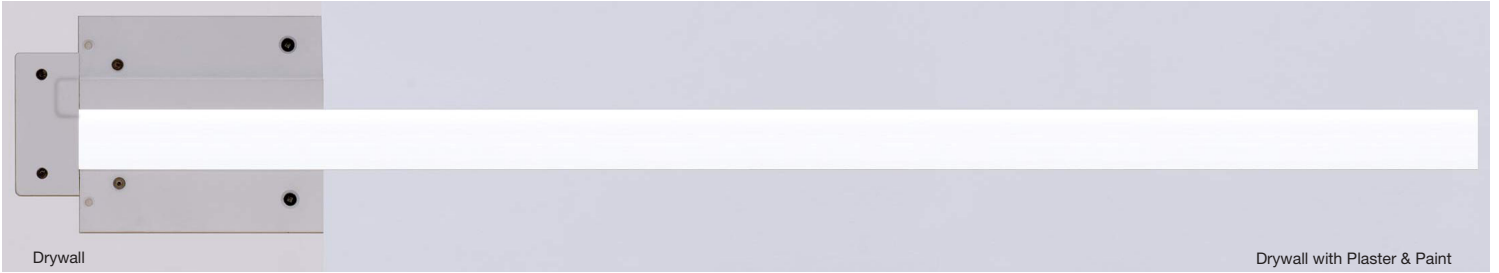


- A. DIMMER OR SWITCH.
- B. 120VAC WIRING TO 120V/24VDC REMOTE POWER SUPPLY, FOR IN-WALL MOUNTING KIT.
- C. IN-WALL MOUNTING KIT.
- D. 24VDC, CLASS 2 WIRING.
- E. REVEAL WALL WASH SYSTEM.

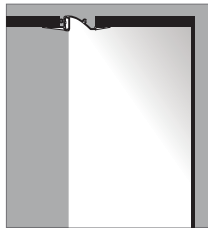


■ Direction of Light

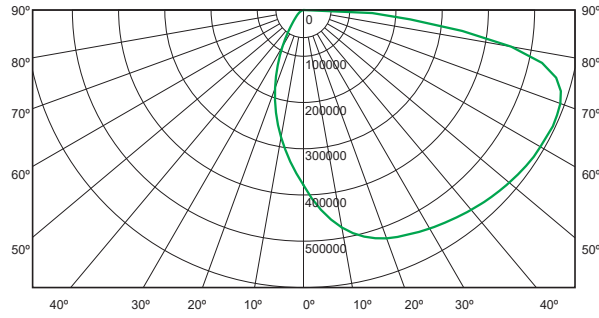
PROJECT	FIXTURE TYPE	DATE
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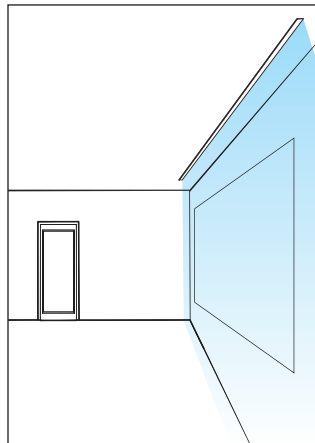
DIRECTION OF LIGHT



CANDLE POWER DISTRIBUTION



WALL WASH DIRECTION OF LIGHT SHOWN WITH 10 WATT, 3000K VERSION



FIXTURE MOUNTED 24" FROM WALL
7W 30K CHANNEL AND DIFFUSED LENS









	1'	2.5'	4'	5.5'	7'
1"	50	50	53	53	43
3"	90	90	104	97	81
6"	113	136	140	137	116
1'	122	138	140	137	113
18"	115	128	128	120	100
2'	100	113	113	109	86
3'	76	89	90	83	67
4'	62	72	70	68	56
5'	50	58	59	55	46
6'	41	46	47	44	38
7'	34	37	38	35	31
8'	27	30	30	30	26
9'	23	25	25	25	21

9' is the ground

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INDOOR CONSTANT VOLTAGE REMOTE POWER SUPPLIES

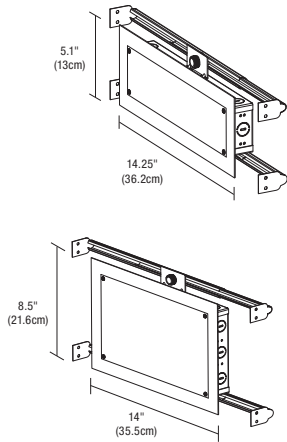
24VDC, UNI - UNIVERSAL DIMMING WITH ELV, TRIAC, & 0-10V

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: 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	•	•	•	•
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.

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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.

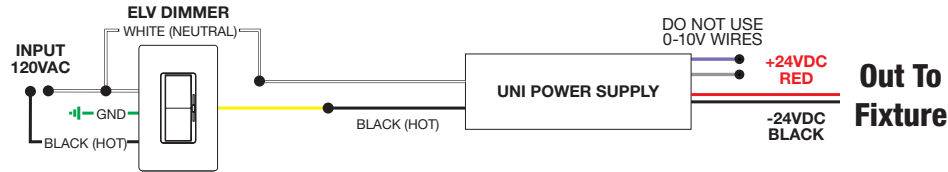
Ordering Codes 5.1 x 14.25 inch: PSB-40W-UNI-24VDC-IW
PSB-60W-UNI-24VDC-IW
PSB-96W-UNI-24VDC-IW

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

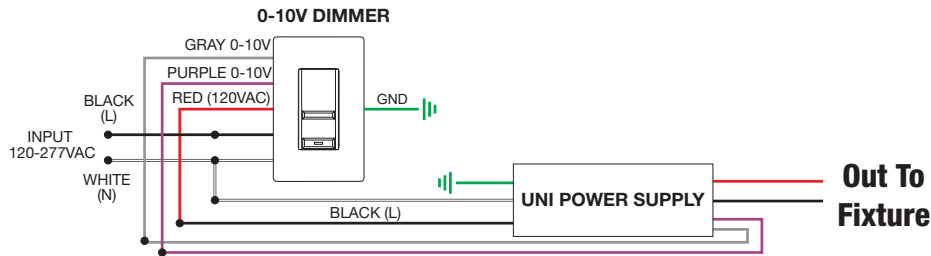
Application: ELV dimming for Static White and Warm Dim

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: DVTV-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



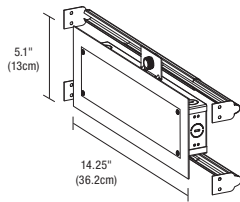
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ELECTRONIC LOW-VOLTAGE (ELV) POWER SUPPLIES & RECOMMENDED DIMMERS ^{†‡}				
ORDERING CODES	PS-60L-ELV-24VDC 	PSB-60W-ELV-24VDC 	PSB-2X60W-ELV-24VDC 	PSB-100W-ELV-24VDC
SPECIFICATIONS				
MAXIMUM LOAD	60W NON-IC, 50W-IC (FITS IN JBOX)	60W	2X60W	96W
INPUT VOLTAGE	120VAC	120VAC	120VAC	120VAC
OUTPUT VOLTAGE	24VDC	24VDC	24VDC	24VDC
DIMENSIONS	2.25" X 1.25" X 0.83"	8.125" X 2" X 1.75"	12.15" X 6.48" X 2.18"	9.25" X 3.5" X 2"
CLASSIFICATION	CLASS 2	CLASS 2	CLASS 2	CLASS 2
IN WALL MOUNTING	N/A	PSB-60W-ELV-24VDC-IW	PSB-2X60W-ELV-24VDC-IW	PSB-100W-ELV-24VDC-IW
ELECTRONIC LOW-VOLTAGE (ELV) POWER SUPPLIES & RECOMMENDED DIMMERS ^{†‡}				
ORDERING CODES	PSB-2X100W-ELV-24VDC 	PSB-3X100W-ELV-24VDC 	PSB-4X100W-ELV-24VDC 	
SPECIFICATIONS				
MAXIMUM LOAD	2X96W	3X96W	4X96W	
INPUT VOLTAGE	120VAC	120VAC	120VAC	
OUTPUT VOLTAGE	24VDC	24VDC	24VDC	
DIMENSIONS	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	
IN WALL MOUNTING	PSB-2X100W-ELV-24VDC-IW	N/A	N/A	
DIMMING AND CONTROLS				
LUTRON DIVA: DVELV-300P	•	•	•	
LUTRON SKYLARK: SELV-300P	•	•	•	
LUTRON RADIO RA2: RRD-6NA	•	•	•	
LUTRON MAESTRO: MAELV-600	•	•	•	
LEGRAND ADORNE: ADTP-703TUM4	•	•	•	

[†]22K - 57K color temperatures are compatible with 0-10V, ELV, and Lutron Hi-Lume® Power Supplies. Warm Dim (27D, 30D) color temperatures are only compatible with ELV power supplies. Tunable White color temperature is compatible with 0-10V, ELV, DMX, and Lutron Hi-Lume® Power Supplies. Dynamic Color (RGB, RGB+W) and Static Color (Amber, Blue, Green, or Red) are compatible with DMX Power Supplies.

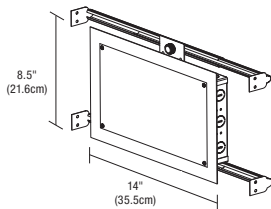
[‡]Electrical Panels using Seimens/Murray AFCI breakers are not compatible with this ELV transformer. Use 0-10 Volt power supplies with this breaker

With N-Lite Dimming Do Not use ELV power supplies, use only 0-10 volt or Uni drivers power supplies



5.1 x 14.25 inch 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: PSB-60W-ELV-24VDC-IW
PSB-100W-ELV-24VDC-IW



8.5 x 14 inch 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.

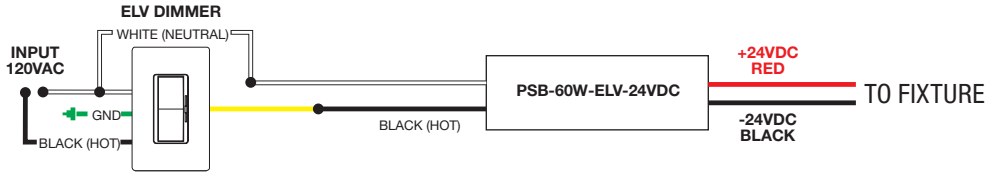
Ordering Codes: PSB-2X60W-ELV-24VDC-IW
PSB-2X100W-ELV-24VDC-IW

PROJECT		FIXTURE TYPE		DATE	
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SAMPLE WIRING DIAGRAMS 24VDC ELV

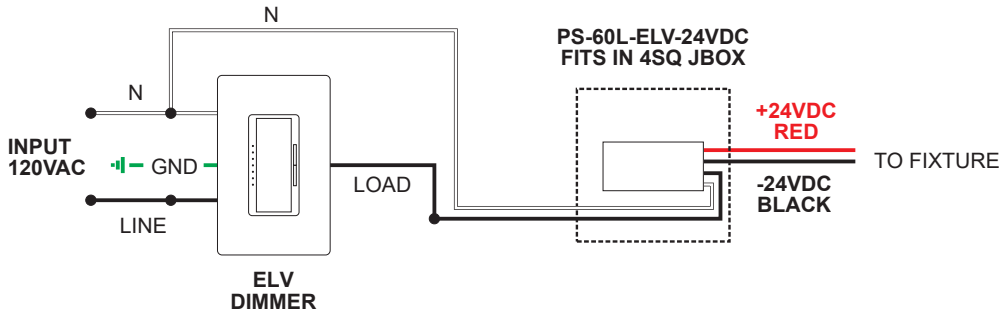
Application: ELV dimming for Static White

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









Application: ELV dimming for Static White

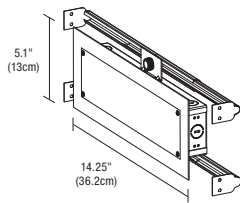
Dimming: Dimmable with ELV dimmer: Legrand, Adorne ADTP703TU; Lutron: Diva DVELV-300P, Skylark SELV-300P, Maestro MAELV-600 and Radio Ra 2



PROJECT		FIXTURE TYPE		DATE	
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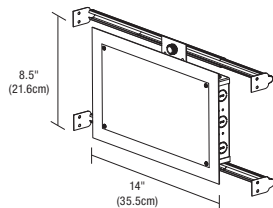
0-10 VOLT (010) POWER SUPPLIES & RECOMMENDED DIMMERS†				
ORDERING CODE	PSB-25W-010-24VDC 	PSB-60W-010-24VDC 	PSB-96W-010-24VDC 	PSB-2X96W-010-24VDC 
SPECIFICATIONS				
MAXIMUM LOAD	25W	60W	96W	2X96W
INPUT VOLTAGE	120VAC	120-277VAC	120-277VAC	120-277VAC
OUTPUT VOLTAGE	24VDC	24VDC	24VDC	24VDC
DIMENSIONS	12.4" X 3.12" X 2.18"	12.4" X 3.12" X 2.18"	12.4" X 3.12" X 2.18"	12.15" X 6.48" X 2.18"
CLASSIFICATION	CLASS 2	CLASS 2	CLASS 2	CLASS 2
IN-WALL MOUNTING	PSB-25W-010-24VDC-IW	PSB-60W-010-24VDC-IW	PSB-96W-010-24VDC-IW	PSB-2X96W-010-24VDC-IW

0-10 VOLT (010) POWER SUPPLIES & RECOMMENDED DIMMERS†			
ORDERING CODE	PSB-3X96W-010-24VDC 	PSB-4X96W-010-24VDC 	
SPECIFICATIONS			
MAXIMUM LOAD	3X96W	4X96W	
INPUT VOLTAGE	120-277VAC	120-277VAC	
OUTPUT VOLTAGE	24VDC	24VDC	
DIMENSIONS	14" X 10" X 3"	17" X 13" X 3"	
CLASSIFICATION	CLASS 2	CLASS 2	
IN-WALL MOUNTING	N/A	N/A	
DIMMING & CONTROLS			
PHILIPS SUNRISE: SR1200ZTUNV	•	•	
LUTRON DIVA: DVTV-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	•	•	



5.1 x 14.25 inch 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: PSB-25W-010-24VDC-IW, PSB-60W-010-24VDC-IW, PSB-96W-010-24VDC-IW



8.5 x 14 inch 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.

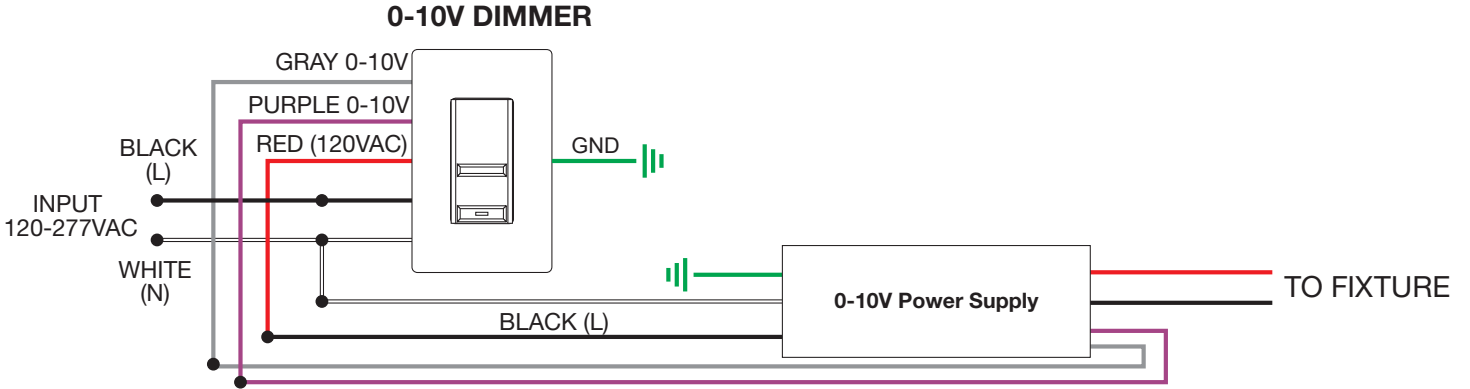
Ordering Codes: PSB-2X96W-010-24VDC-IW

PROJECT		FIXTURE TYPE		DATE	
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SAMPLE WIRING DIAGRAMS 24VDC 010

Application: 0-10V Dimming Applications For Static White and Warm Dim 0-10V Dual Dimming.

Dimming: Dimmable with 0-10V dimmers: Signify (Phillips) Sunrise: SR1200ZTUNV, Leviton Dimmers: LEV40050, IP710-LFZ, *IP710-DLZ *(Built in LED locator light) Legrand Dimmer: ADPD4FBL3P2W4 Lutron Systems: Lutron GRAFIX Eye QS Main Unit (with DRX-TVI) Radio Ra2 (with GRX-TVI)



PROJECT	FIXTURE TYPE	DATE
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INDOOR CONSTANT VOLTAGE REMOTE POWER SUPPLIES

24VDC, LUTRON ECOSYSTEM

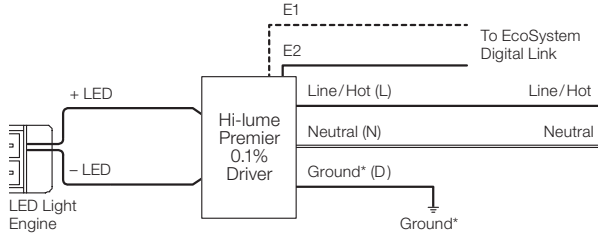
REV 03.08.21

LUTRON HI-LUME® PREMIER .1% ECOSYSTEM®†

	L3D0-96W24V-U	2-WIRE ECOSYSTEM LTEA4U1UKL-CV240	3-WIRE ECOSYSTEM L3DA4U1UKL-CV240
ORDERING CODES			
SPECIFICATIONS			
MAXIMUM LOAD	96W	5W-40W	5W-40W
INPUT VOLTAGE	120-277VAC	120-277VAC	120-277VAC
OUTPUT VOLTAGE	24VDC	24VDC	24VDC
DIMENSIONS	10.5" X 5.5" X 2"	4" X 4.89" X 2.62"	4" X 4.89" X 2.62"
CLASSIFICATION	CLASS 2	CLASS 2	CLASS 2
DIMMING AND CONTROLS			
RADIO RA2	•	•	•
HOMEWORKS QS	•	•	•
PHPM-3F-120	•	•	•
PHPM-3F-DV	•	•	•
BCI-0-10	•	•	•

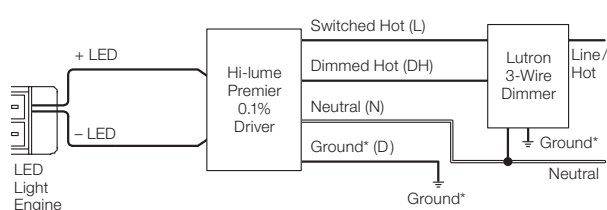
†24K - 57K color temperatures are compatible with 0-10V, ELV, and Lutron Hi-lume® Power Supplies. Warm Dim (27D, 30D) color temperatures are only compatible with ELV power supplies.

2-Wire EcoSystem Wiring Diagram



LTEA4U1UKL-CV240

3-Wire Wiring Diagram



L3DA4U1UKL-CV240

PROJECT	FIXTURE TYPE	DATE
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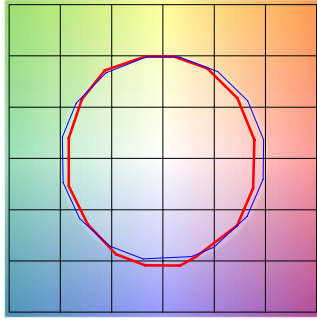
TM30 DATA

24VDC, PLASTER-IN LED SYSTEM, STATIC WHITE & WARM DIM

TM-30-15 DATA: The data below is for SS2C, SS5C, SS7C, and SS10C 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 (2K4K) | Rf: 84.3 | Rg: 96.9

Color Vector Graphic

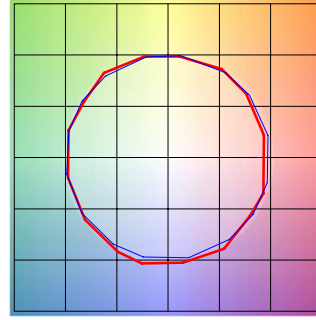


■ Test ■ Reference

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 (2K4K) | Rf: 90.2 | Rg: 101.4

Color Vector Graphic

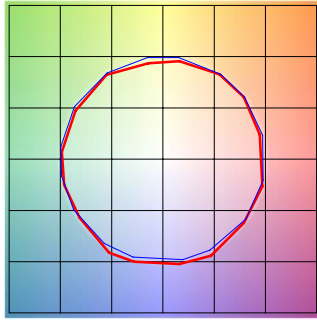


■ Test ■ Reference

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 (2K4K) | 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%

PROJECT	FIXTURE TYPE	DATE
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