GLIDE WOOD DOWNLIGHT
WARM DIM, DYNAMIC/TUNABLE WHITE END FEED 24V REMOTE POWER SUPPLY

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA   REV 02.17.20

| WOOD WALNUT | WOOD MAPLE | WOOD CHERRY | WOOD WHITE OAK | WOOD ESPRESSO |

DESCRIPTION

Glide Wood Downlight is a linear LED fixture that offers direct light in a clean, contemporary style. Glide is available in various increments, a 100° beam spread, optional Black or White Louvers, a variety of finishes and Warm Dim and Dynamic/Tunable White options. Fixture includes a 5 year pro-rated warranty. For custom designs and quotes, send drawings to design@PureEdgeLighting.com

INSTALLATION

- Mounts to a Standard Junction Box, pre-wired for either a 120V with a 60 Watt NON-IC (50W-IC) Power Supply that fits in the ceiling Electrical Junction Box, or from a Remote Power Supply feeding 24VDC up to 100 Watts at a maximum of 40' away
- Includes Canopy of your choice: 2.8" or 4.6", available in Round or Square, Pairs - One for remote power and one for a blank end cap, and VR (Vanishing Point)
- Includes adjustable 12' Coaxial and Aircraft Cables (additional Aircraft Cables included for support when fixture exceeds 84")
- Power Supplies sold separately

LENSES

Diffused White 100° lens offered with black or white Louvers

WOOD FINISHES*

- Maple, Walnut, Cherry, White Oak, Espresso

Wood is sourced in the USA and includes natural distinctions, such as knots and differences in grain. Wood finishes are authentic natural products, exact color and grain may vary. If trying to match existing product original product must be returned to PureEdge to insure the closest possible match.

APPLICATIONS

Designed for indoor use only. Ideal environments include: Kitchens, Dining Rooms, Hallways, Conference Rooms, Offices, Architectural, and Retail

LAMPING

- Choose from 10 different Color Temperatures from 2200K-5700K including Warm Dim, Tunable White, and RGB
- Warm Dim (optional): 2700K-2000K (27D) or 3000K-2000K (30D)
- Dynamic/Tunable White allows you to pick any color temperature from 2000K (sunset) to 4000K (cool white) and to control any brightness or dim level
- 50,000 Hour Lamp Life

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

- Universal Power Supplies (UNI)
- Electronic Low Voltage Dimming (ELV)
- 0-10 Volt Dimming (0-10V)
- DMX: Dynamic Color Changing
- Lutron Hi-lume®

*In-Wall Mounting Kits available for select power supplies

APPROVALS

Damp Location, ETL Listed, Class 2 wiring, Title 24 with Universal Power Supply, 0-10V or Lutron power supplies

System		Wattage Per Foot		Power Feed		Nominal Size (Inches)		Color Temperature		Wood Finish	
GLDR		**5W**		**E**		**72**		**27K**		**WM**	
GLDR	Glide Downlight with Remote Power	5W	4.4 Watt	E	End Feed	36	36"	22K	2200K Amber White	WM	Wood Maple
GLDBR	Glide Downlight with Black Louver with Remote Power	7W	7.3 Watt	E2	End Feed (2 Canopies)	48	48"	24K	2400K Very Warm White	WN	Wood Walnut
GLDWR	Glide Downlight with White Louver with Remote Power	10W	9.6 Watt	VR*	Vanishing Point Plaster in system with No Canopy, only see cable going through drywall ceiling with GJ24 VP Grip Jack	60	60"	27K	2700K Incandescent White	WC	Wood Cherry
						72	72"	27D	2700K Warm Dim (5W Only)	WO	Wood White Oak
						84	84"	30K	3000K Warm White	WE	Wood Espresso
				*VR not available with 2K4K		96	96"	30D	3000K Warm Dim (5W Only)		
						108	108"	35K	3500K Neutral White		
						120	120"	40K	4000K Cool White		
								57K	5700K Daylight White		
								2K4K*	2000K-4000K Tunable White (5W Only)		

*VR not available with 2K4K

PROJECT		FIXTURE TYPE		DATE	

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GLIDE WOOD DOWNLIGHT
WARM DIM, DYNAMIC/TUNABLE WHITE END FEED 24V REMOTE POWER SUPPLY

LAMP DATA Lamp Data for Glide Wood Downlight

GLD																		
DESCRIPTION	100° Diffused White Lens without Louver																	
WATTS PER FOOT	5w (4.4 watts)								7w (7.3 watts)						10w (9.6 watts)				
COLOR TEMPERATURE	24K	27K	27D*	30K	30D*	35K	40K	57K	24K	27K	30K	35K	40K	57K	24K	27K	30K	35K	40K	57K
LUMENS PER FOOT (lm/ft)	221	245	302	268	330	307	334	355	352	390	426	488	531	565	415	461	503	576	627	667
LUMENS PER WATT (lm/w)	50	56	63	61	69	70	76	81	48	53	58	67	73	77	43	48	52	60	65	69
CRI	95	95+	95+	95+	95+	85+	84	84	95	95+	95+	85+	84	84	95	95+	95+	85+	84	84

GLDW																		
DESCRIPTION	100° Diffused White Lens with White Louver																	
WATTS PER FOOT	5w (4.4 watts)								7w (7.3 watts)						10w (9.6 watts)				
COLOR TEMPERATURE	24K	27K	27D*	30K	30D*	35K	40K	57K	24K	27K	30K	35K	40K	57K	24K	27K	30K	35K	40K	57K
LUMENS PER FOOT (lm/ft)	155	172	212	188	231	215	234	249	246	273	298	342	371	395	290	322	352	403	439	467
LUMENS PER WATT (lm/w)	35	39	44	43	48	49	53	57	34	37	41	47	51	54	32	34	37	42	46	49
CRI	95	95+	95+	95+	95+	85+	84	84	95	95+	95+	85+	84	84	95	95+	95+	85+	84	84

GLDB																		
DESCRIPTION	100° Diffused White Lens with Black Louver																	
WATTS PER FOOT	5w (4.4 watts)								7w (7.3 watts)						10w (9.6 watts)				
COLOR TEMPERATURE	24K	27K	27D*	30K	30D*	35K	40K	57K	24K	27K	30K	35K	40K	57K	24K	27K	30K	35K	40K	57K
LUMENS PER FOOT (lm/ft)	96	108	132	118	145	135	146	156	154	171	187	214	232	247	181	202	220	252	274	292
LUMENS PER WATT (lm/w)	22	24	28	27	30	31	33	35	21	23	26	29	32	34	19	21	23	26	29	30
CRI	95	95+	95+	95+	95+	85+	84	84	95	95+	95+	85+	84	84	95	95+	95+	85+	84	84

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

FINISHES The finishes available for Glide Wood Downlight*

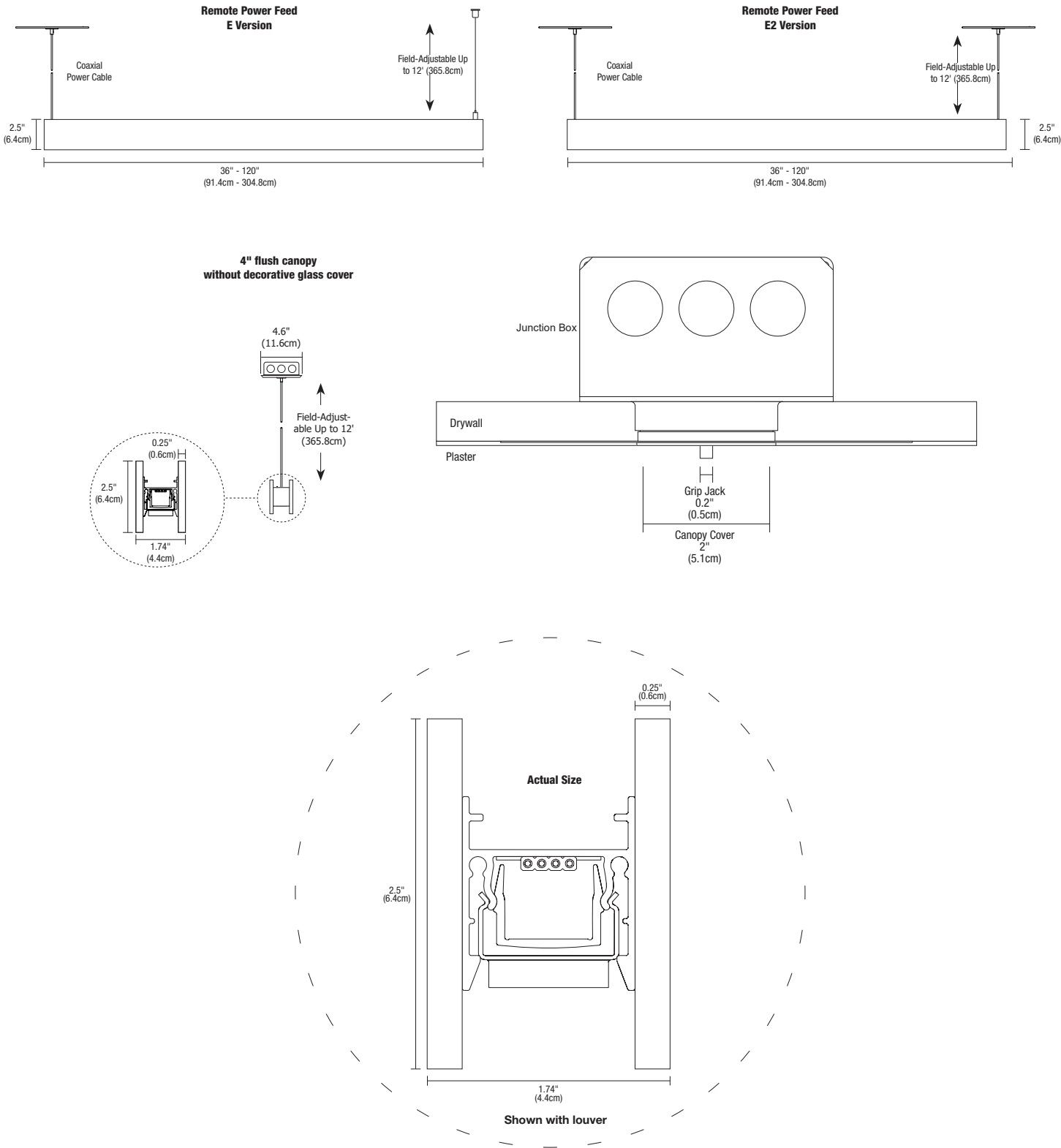| WM	WN	WC	WO	WE
Wood Maple	Wood Walnut	Wood Cherry	Wood White Oak	Wood Espresso
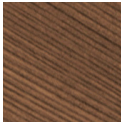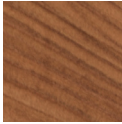
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If trying to match existing product original product must be returned to PureEdge to insure the closest possible match.

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GLIDE WOOD DOWNLIGHT
WARM DIM, DYNAMIC/TUNABLE WHITE END FEED 24V REMOTE POWER SUPPLY

CANOPY Sizes & Wattages for the Glide Wood Downlight

**Remote Power Feed
E Version**

Coaxial
Power Cable

Field-Adjustable Up
to 12' (365.8cm)

2.5"
(6.4cm)

36" - 120"
(91.4cm - 304.8cm)

**Remote Power Feed
E2 Version**

Coaxial
Power Cable

Field-Adjustable Up
to 12' (365.8cm)

2.5"
(6.4cm)

36" - 120"
(91.4cm - 304.8cm)

**4" flush canopy
without decorative glass cover**

4.6"
(11.6cm)

Field-Adjust-
able Up to 12'
(365.8cm)

0.25"
(0.6cm)

2.5"
(6.4cm)

1.74"
(4.4cm)

Junction Box

Drywall

Plaster

Grip Jack
0.2"
(0.5cm)

Canopy Cover
2"
(5.1cm)

0.25"
(0.6cm)

Actual Size

2.5"
(6.4cm)

1.74"
(4.4cm)

Shown with louver

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PURE EDGE
LIGHTING

REV 02.17.20

WIRING DIAGRAM Wiring Diagram for Dual ELV Dimmers

APPLICATION	ELV dimming for Glide Wood Downlight, End feed
DIMMING	Dimmable with (2) ELV dimmers: Legrand, Adorne ADTP703TU; Lutron: Diva DVELV-300P, Skylark SELV-300P, Maestro MAELV-600 and Radio Ra 2

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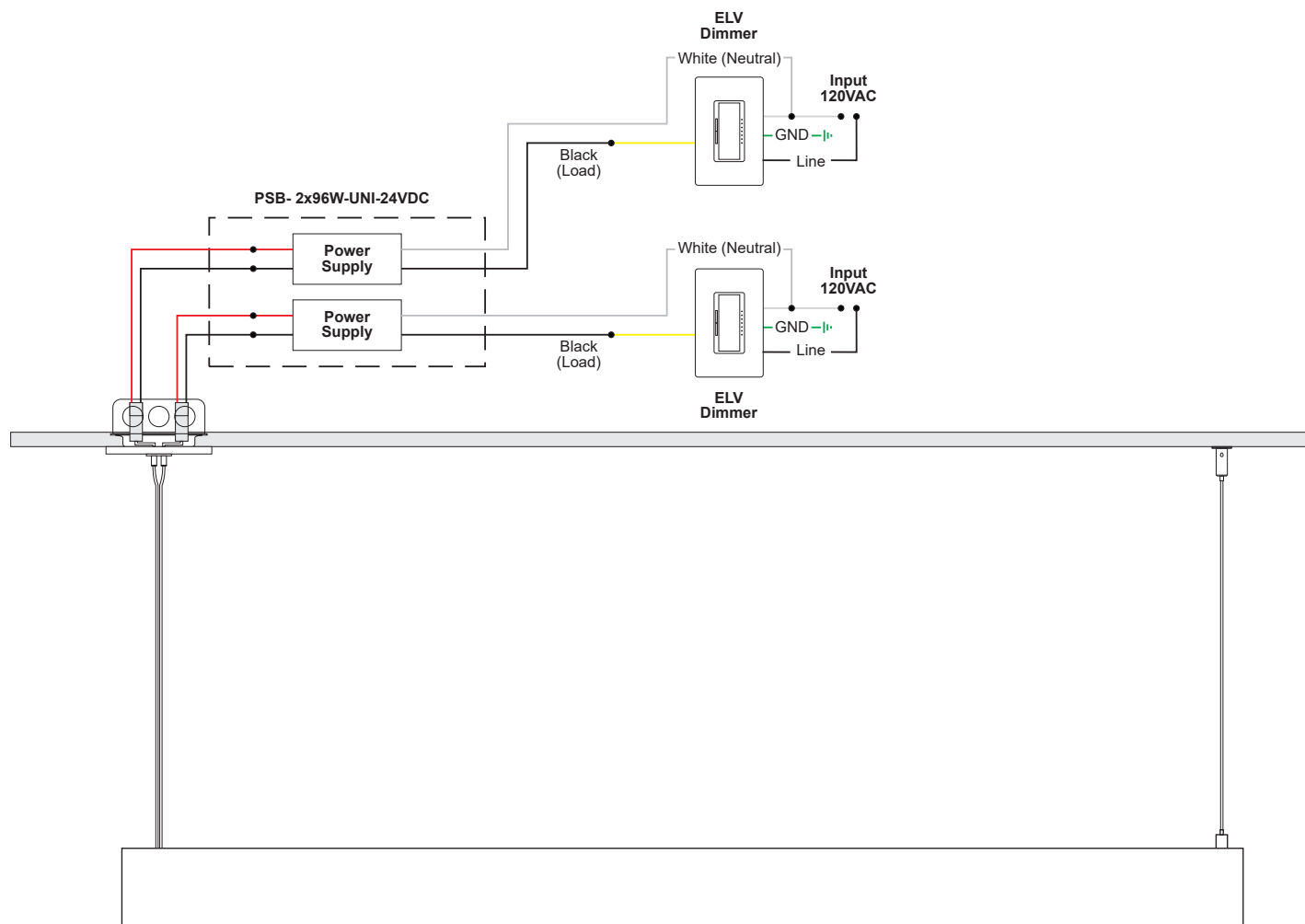
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GLIDE WOOD DOWNLIGHT
WARM DIM, DYNAMIC/TUNABLE WHITE END FEED 24V REMOTE POWER SUPPLY

REV 02.17.20

COMPONENTS Swag Bar & Hook, Swag Hook, and T-Bar are compatible with all Power Canopy options and may be required based on lighting design and application

NEW CONSTRUCTION & REMODEL 2" COVER FOR 4" SQUARE JUNCTION BOX

The New Construction NC2-JBOX Cover is included with the 2" Round and Square Canopies and is not required for the 4" Square Canopies. NC2-JBOX New Construction Junction Box Cover mounts to a standard 4" Electrical Box or Octagon Box, converting it to a 2" Plaster Ring for use with the 2R (Round) or 2S (Square) Canopy. The Remodel RM2-JBOX Plaster Plate cover is used with an existing 4" Square Junction Box and standard Round Plaster Ring. The PS-60L-ELV-24VDC (50 Watt IC, 60 Watt Non-IC) will fit inside the NC2 or RM2-JBOX Cover and Electrical Junction Box for a flush look.
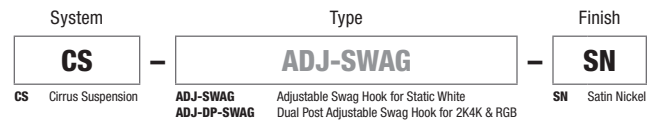
System		Product	
NC2		**JBOX**	
NC2	New Construction 2"	JBOX	Junction Box
RM2	Remodel Plaster Plate		
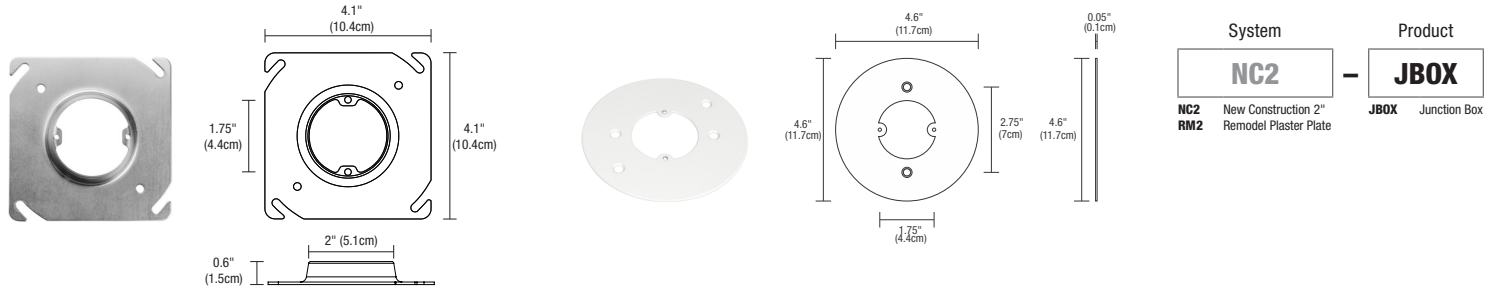
CIRRUS REMOTE POWER CANOPIES
(INCLUDED)

Canopies are included with Canopy ordering code. The 2" Round and Square Canopy includes a special Plaster Ring NC2-JBOX (above). The 4" Square or Round Canopy fits on a standard 4" Electrical Box with Round Plaster Ring and the PS-60L-ELV-24VDC 50 Watt IC, (60 Watt Non-IC) will fit inside the NC2 or RM2-JBOX Cover and Electrical Junction Box for a flush look. Vanishing Point Plaster in system with No Canopy, only see cable going through drywall ceiling with GJ24.

VR (Vanishing Point)   **Plaster In System**   **2R (2" Round Canopy)**   **2S (2" Square Canopy)**   **4R (4" Round Canopy)**   **4S (4" Square Canopy)**
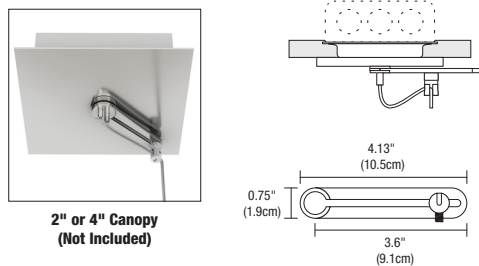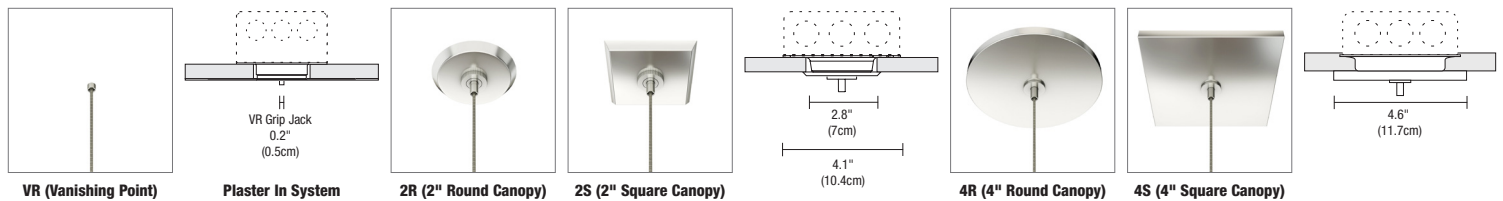
CHANNEL SUSPENSION ADJUSTABLE SWAG BAR & HOOK

Channel Suspension Adjustable Swag Bar and Hook allows a cable to form a straight connection to the Channel when the Power Canopy is not located directly above the fixture. Use when you have two or more Canopies (Power Supplies) on the same fixture run. The Adjustable Swag Hook is compatible with the 2R, 2S, 4R, 4S, 5S, 6S, and 8R Power Canopies (Canopy not included).

2" or 4" Canopy (Not Included)

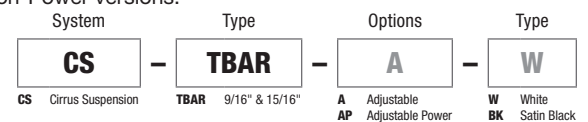| System		Type		Finish	
CS		**ADJ-SWAG**		**SN**	
CS	Cirrus Suspension	ADJ-SWAG	Adjustable Swag Hook for Static White	SN	Satin Nickel
		ADJ-DP-SWAG	Dual Post Adjustable Swag Hook for 2K4K & RGB		
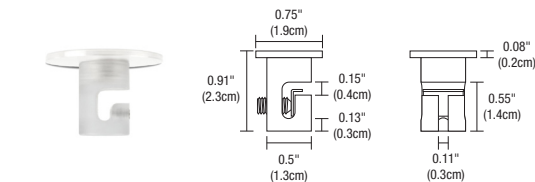
CHANNEL SUSPENSION SWAG HOOK

The clear plastic Swag Hook extends a cable from an electrical box that is not located directly above desired fixture location.

System		Type	
CS		**SWAG**	
CS	Cirrus Suspension	SWAG	Swag Hook
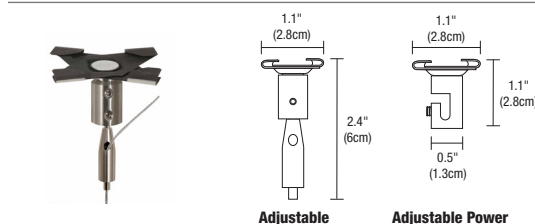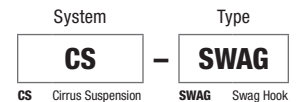
CIRRUS SUSPENSION ADJUSTABLE T-BAR CLIP

Cirrus Suspension Adjustable T-Bar Clip mounts to T-Bar grid ceilings. Available in Satin Nickel Hardware as Adjustable Power and Non-Power versions.
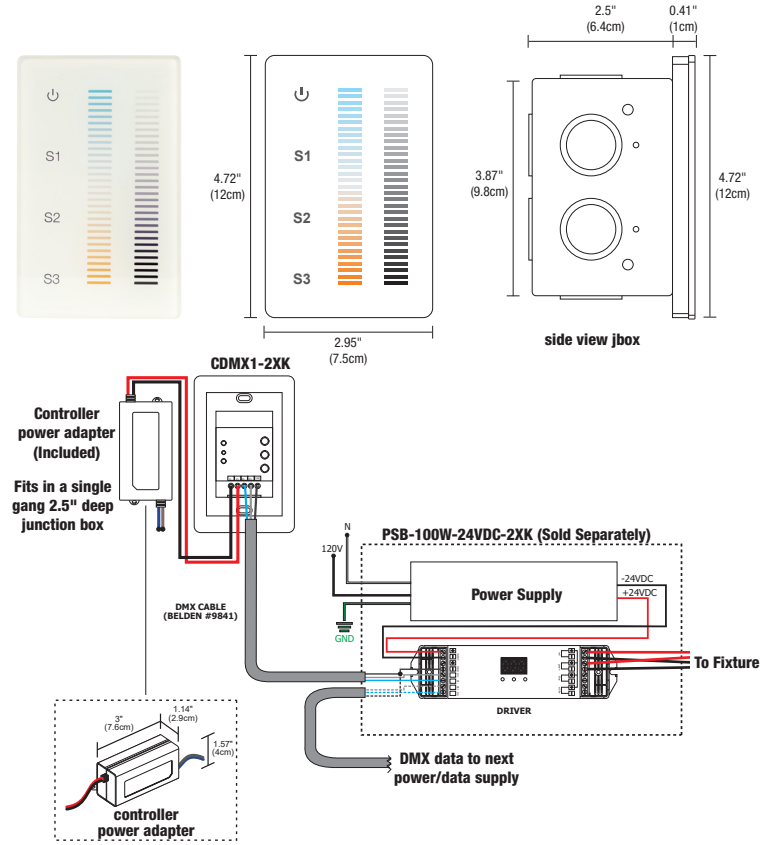
Adjustable   **Adjustable Power**

System		Type		Options		Type	
CS		**TBAR**		**A**		**W**	
CS	Cirrus Suspension	TBAR	9/16" & 15/16"	A	Adjustable	W	White
				AP	Adjustable Power	BK	Satin Black

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INDOOR CONSTANT VOLTAGE REMOTE POWER SUPPLIES
24VDC, DYNAMIC/TUNABLE WHITE POWER SUPPLIES WITH DMX DRIVER

PURE EDGE LIGHTING

REV. 02.17.20

2.5" (6.4cm) 0.41" (1cm)

4.72" (12cm)

S1
S2
S3

2.95" (7.5cm)

3.87" (9.8cm)

4.72" (12cm)

side view jbox

Description:
The Tunable White Touch Controller is a full-touch controller that offers fast and accurate color temperature adjustment and independent brightness dimming of a single zone. Designed for dynamic/tunable white and dual-color LED installations, this controller adjusts color temperature and brightness for warm and cool white LEDs. It also saves 3 preset scenes. Independent smooth dimming with 256 level brightness adjustment enables the DMX controller to achieve many colors within the full LED spectrum. Controller includes a power adapter that fits in junction box (not included) behind the controller. It contains an illuminated back light when powered off.

CDMX1-2XK

Controller power adapter (Included)

Fits in a single gang 2.5" deep junction box

N
120V

PSB-100W-24VDC-2XK (Sold Separately)

Power Supply

-24VDC
+24VDC

GND

DMX CABLE (BELDEN #9841)

DRIVER

To Fixture

3" (7.6cm) 1.14" (2.9cm)
1.57" (4cm)

controller power adapter

DMX data to next power/data supply

Applications:
Indoor

Installation:
Fits in a single gang 2.5 inch deep junction box, not to be used with a multi gang box

Power Input:
120-240VAC

Output Signal:
USITT DMX 512 (1990)

Product	Type	Finish
CDMX1	**2XK**	**WH**
CDMX1 · DMX Single Zone Touch Controller	2XK · 2 X Kelvin	WH · White

DYNAMIC COLOR CHANGING (DMX) POWER SUPPLIES & RECOMMENDED CONTROLLERS†

	PSB-100W-24VDC-2XK	PSB-2X100W-24VDC-2XK	PSB-3X100W-24VDC-2XK	PSB-4X100W-24VDC-2XK
ORDERING CODE				
SPECIFICATIONS				
MAXIMUM LOAD	100W	2X100W	3X100W	4X100W
INPUT VOLTAGE	120-277VAC	120-277VAC	120-277VAC	120-277VAC
OUTPUT VOLTAGE	24VDC	24VDC	24VDC	24VDC
DIMENSIONS	12.4" X 6.48" X 2.18"	14" X 10" X 3"	17" X 10" X 3"	17" X 10" X 3"
CLASSIFICATION	CLASS 2	CLASS 2	CLASS 2	CLASS 2
IN-WALL MOUNTING	PSB-100W-24VDC-2XK-IW	NA	NA	NA
DMX DYNAMIC/TUNABLE WHITE DIMMING & CONTROLS				
TUNABLE WHITE TOUCH CONTROLLER (CDMX1-2XK)	•	•	•	•

- 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.

IN WALL MOUNTING OPTIONS

8.5" (21.6cm)

14" (35.5cm)
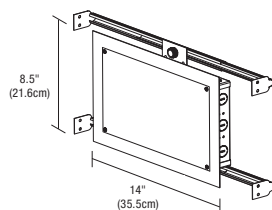
8.5 x 14 inch In-Wall Mounting Kit: Includes power supply, box cover and stud hangers for installing Junction Box in wall. Select "IW" in the options section of compatible power supply ordering codes if an In-Wall Mounting Kit is needed.

Ordering Codes: PSB-100W-24VDC-2XK-IW

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INDOOR CONSTANT VOLTAGE REMOTE POWER SUPPLIES
24VDC, UNI - UNIVERSAL DIMMING WITH ELV, TRIAC, & 0-10V

PURE EDGE LIGHTING

REV 02.17.20

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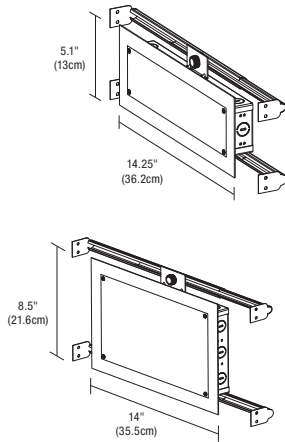
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24VDC, UNI - UNIVERSAL DIMMING WITH ELV, TRIAC, & 0-10V

PURE EDGE
LIGHTING

IN WALL MOUNTING OPTIONS

5.1"
(13cm)

14.25"
(36.2cm)

8.5"
(21.6cm)

14"
(35.5cm)

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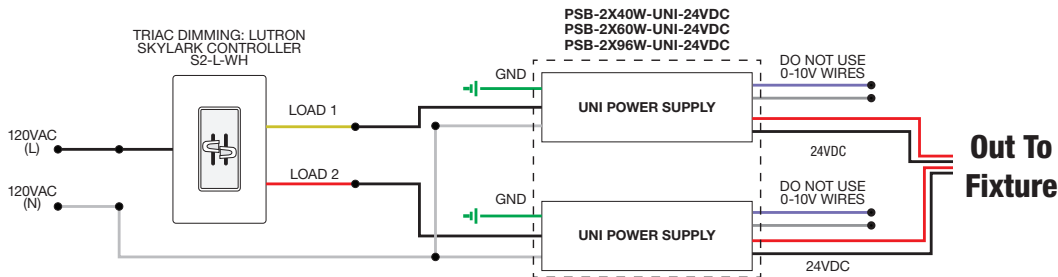
Ordering Codes 5.1 x 14.25 inch: PSB-40W-UNI-24VDC-IW
PSB-60W-UNI-24VDC-IW
PSB-96W-UNI-24VDC-IW

Ordering Codes 8.5 x 14.25 inch: PSB-2X40W-UNI-24VDC-IW
PSB-2X60W-UNI-24VDC-IW
PSB-2X96W-UNI-24VDC-IW
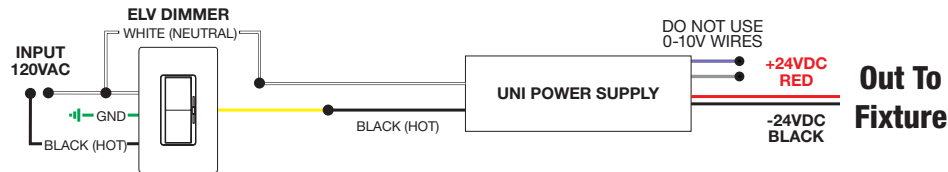
WIRING DIAGRAMS UNIVERSAL POWER SUPPLY

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

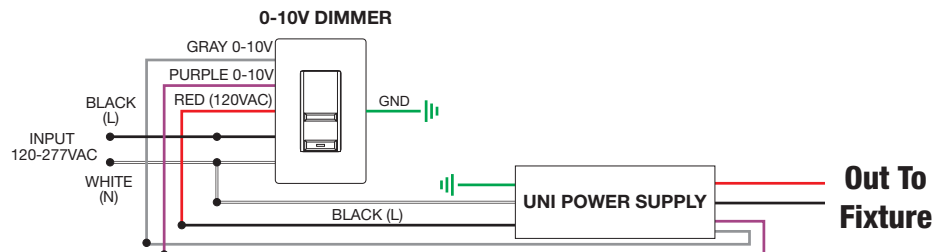**Dimming:**   Dimmable with Triac dimmer: Lutron: Skylark S2-L

TRIAC DIMMING: LUTRON
SKYLARK CONTROLLER
S2-L-WH

PSB-2X40W-UNI-24VDC
PSB-2X60W-UNI-24VDC
PSB-2X96W-UNI-24VDC

GND

UNI POWER SUPPLY

DO NOT USE
0-10V WIRES

120VAC (L)

LOAD 1

120VAC (N)

LOAD 2

GND

UNI POWER SUPPLY

24VDC

DO NOT USE
0-10V WIRES

24VDC

Out To Fixture

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

ELV DIMMER

WHITE (NEUTRAL)

INPUT
120VAC

GND

BLACK (HOT)

BLACK (HOT)

UNI POWER SUPPLY

DO NOT USE
0-10V WIRES

+24VDC RED

-24VDC BLACK

Out To Fixture

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

0-10V DIMMER

GRAY 0-10V

PURPLE 0-10V

RED (120VAC)

GND

BLACK (L)

INPUT
120-277VAC

WHITE (N)

BLACK (L)

UNI POWER SUPPLY

Out To Fixture

PROJECT		FIXTURE TYPE		DATE	

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INDOOR CONSTANT VOLTAGE REMOTE POWER SUPPLIES
24VDC, LUTRON ECOSYSTEM

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

| ORDERING CODES	L3D0-96W24V-U	2-WIRE ECOSYSTEM LTEA4U1UKL-CV240	3-WIRE ECOSYSTEM L3DA4U1UKL-CV240
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
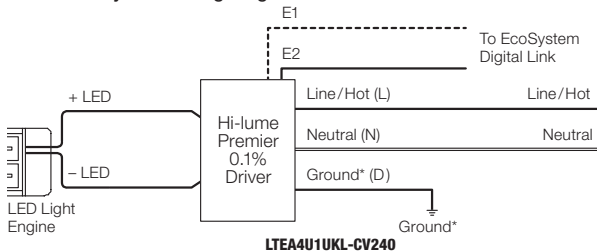
3-Wire Wiring Diagram


L3DA4U1UKL-CV240
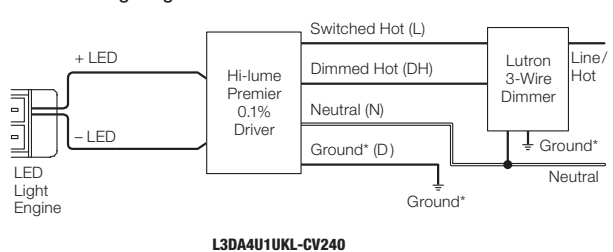
24VDC, DALI

REQUIRED COMPONENTS 24VDC DMX RGB Compatible Power Supplies

DALI DYNAMIC COLOR CHANGING (DMX) POWER SUPPLIES & RECOMMENDED CONTROLLERS†

ORDERING CODE	PSB-100W-24VDC-DALI
SPECIFICATIONS	
MAXIMUM LOAD	100W
INPUT VOLTAGE	120-277VAC
OUTPUT VOLTAGE	24VDC
DIMENSIONS	12.14" X 6.48" X 2.18"
CLASSIFICATION	CLASS 2
IN-WALL MOUNTING	PSB-100W-24VDC-DALI-IW
DIMMING & CONTROLS	
TOUCH SCREEN CONTROLLER (CTP)	•
DMX 1 ZONE RGBW TOUCH CONTROLLER (CDMX1-RGBW)	•
DALI COMPATIBLE	•

† 2400K-5700K 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 (2K4K) 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.

Classification: UL2108 - * 24VDC over 100 Watts, wires must be in conduit from Remote Power Supply to J-box.

8.5"
(21.6cm)

14"
(35.5cm)
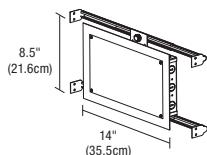
8.5" X 14" IN-WALL MOUNTING KIT

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-100W-24VDC-DALI-IW, PSB-100W-24VDC-RGB-IW

PROJECT		FIXTURE TYPE		DATE	

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SUSPENSION TM30 DATA
WARM DIM, DYNAMIC/TUNABLE WHITE END FEED 24V REMOTE POWER SUPPLY

TM-30-15 DATA: The data below is for 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.

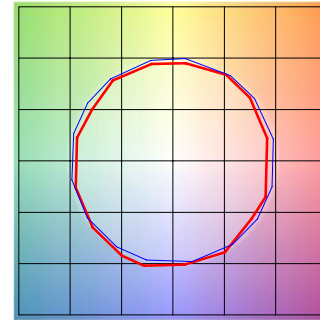---

2200K | Rf: 83.9 | Rg: 94.9
Color Vector Graphic
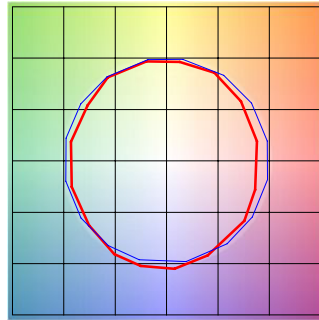
Test — Reference

HUE BIN	Rf	CHROMA	HUE
		GRAPHIC SHIFTS %	
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

HUE BIN	Rf	CHROMA	HUE
		GRAPHIC SHIFTS %	
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
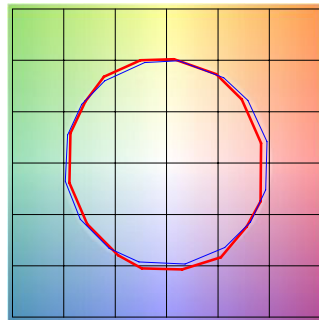
Test — Reference

HUE BIN	Rf	CHROMA	HUE
		GRAPHIC SHIFTS %	
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
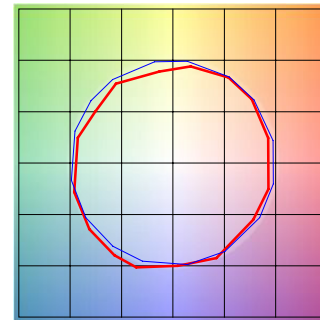
Test — Reference

HUE BIN	Rf	CHROMA	HUE
		GRAPHIC SHIFTS %	
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
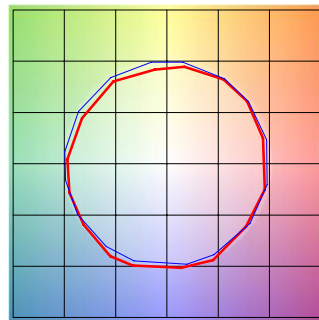
Test — Reference

HUE BIN	Rf	CHROMA	HUE
		GRAPHIC SHIFTS %	
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%

5700K | Rf: 80.3 | Rg: 91.5
Color Vector Graphic
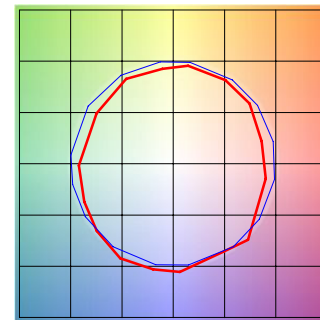
Test — Reference

HUE BIN	Rf	CHROMA	HUE
		GRAPHIC SHIFTS %	
1	73.8	-11.2%	2.6%
2	83.7	-5.5%	5.8%
3	84.2	-4.0%	5.5%
4	85.8	-3.5%	1.3%
5	85.3	-7.1%	0.6%
6	89.2	-5.8%	-2.2%
7	81.5	-10.7%	1.2%
8	75.7	-9.7%	8.5%
9	74.9	-7.8%	18.8%
10	67.8	-1.6%	18.0%
11	76.1	5.5%	12.0%
12	90.8	4.9%	-1.6%
13	83.6	5.0%	-9.5%
14	81.7	-1.2%	-10.0%
15	69.0	2.0%	-22.8%
16	83.2	-8.5%	-1.0%

PROJECT		FIXTURE TYPE		DATE	

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SUSPENSION TM30 DATA
WARM DIM, DYNAMIC/TUNABLE WHITE END FEED 24V REMOTE POWER SUPPLY

TM-30-15 DATA: The data below is for 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.

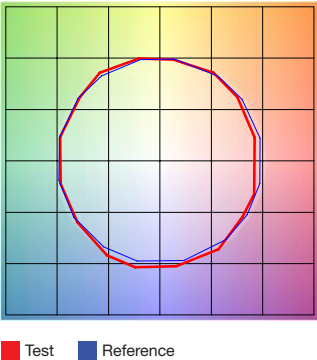**2700D** | Rf: 89.5 | Rg: 100.8
Color Vector Graphic

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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