



## DESCRIPTION

The Glide Wood Ceiling System brings together the aesthetics & warmth of **real hardwood** (not laminate or MDF wood) producing a Direct beam of illumination through a Diffused White 100° lens, up to 95+ CRI in a clean and contemporary style. The Glide Wood Ceiling Down-light offers multiple power and mounting options. The 4.6" Floating Square Canopy mounts to a standard square junction box anywhere along the fixture. The 1" Rectangle **(1RE)** J-Box (included) offers a power connection option that is hidden for a more streamlined look. Components included with the system; 8' Power Cable, 1/2" ceiling mounted supports provided every 2' for fixture support at the ceiling. Pre-wired for Remote Power Supplies up to 100W or add a PS-60L-ELV-24VDC that fits inside J-box for total watts under 50W, both are sold separately. Lengths range from 36" to 120". The Glide Wood Ceiling is available in eight standard lengths, with your choice of five Genuine Wood Finishes creating an array of options for the lighting designer. Offering the latest in LED technology Tunable White and Warm Dim options. Fixture includes a 5 year pro-rated warranty. Send us your design ideas and we will provide the layout, parts list, and directions for easy installation: [design@PureEdgeLighting.com](mailto:design@PureEdgeLighting.com).

## INSTALLATION

- Fixture with power in J-Box (Order Separately), mounts to a standard J-Box, wired with a 60 Watt Non-IC (50W-IC) power supply (Comes with floating canopy or end feed)
- Remote Power Supply Options: UNI-Driver, 0-10V, ELV, Lutron Hi-Lume® (Order separately)
- Drywall 1/2" long ceiling-mounted standoff is Included with the fixture. One standoff is to be used every 2' for support.
- T-Bar includes Mounting Clips for use one every 2' of channel for support
- Mounts to a Standard Junction Box, pre-wired from a Remote Power Supply up to 100 Watts (sold separately) at maximum 20' away
- Includes your choice of Canopy, 1" Rectangle Junction Box **(1RE)**, 4.6" Square Canopy **(4SQ)**, T-Bar Clips **(TB)**

## WOOD FINISHES\*



\*Wood finishes are authentic natural products, exact color and grain may vary. If you are trying to match an existing material, please contact us for a finish sample. We are able to accommodate some requests to pair our wood finishes with COM.

## APPLICATIONS

Residential Hospitality, Retail and Commercial Spaces, Kitchens, Office Space, Drop Ceilings, Conference Rooms

## LAMPING

- Choose from 9 different Color Temperatures from 2200K-5700K including:
- Warm Dim: 2700K-2000K **(27D)** or 3000K-2000K **(30D)**
  - 50,000 Hour Lamp Life

## LENS

Diffused White 100° lens offered with Black or White louvers

## 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

## APPROVALS

Damp Location, ETL Listed, Class 2 wiring

System	Wattage Per Foot	Power Feed	Nominal Size (Inches)	Color Temperature	Wood Finish
<b>GLCD</b>	<b>5W</b>	<b>1RE</b>	<b>72</b>	<b>27K</b>	<b>WM</b>
<b>GLCD</b> Glide Ceiling Downlight	<b>5W</b> 4.4 Watt	<b>1RE</b> 1" Rectangular Canopy	<b>36</b> 36" <b>84</b> 84"	<b>22K</b> 2200K Amber White	<b>WM</b> Wood Maple
<b>GLCDW</b> Glide Ceiling Downlight with White Louver	<b>7W</b> 7.3 Watt	<b>4SQ</b> 4" Square Canopy	<b>48</b> 48" <b>96</b> 96"	<b>24K</b> 2400K Very Warm White	<b>WN</b> Wood Walnut
<b>GLCDB</b> Glide Ceiling Downlight with Black Louver	<b>10W</b> 9.6 Watt	<b>TB</b> TBar end feed with 2ft of Teflon® cable	<b>60</b> 60" <b>108</b> 108"	<b>27K</b> 2700K Incandescent White	<b>WC</b> Wood Cherry
			<b>72</b> 72" <b>120</b> 120"	<b>27D</b> 2700K Warm Dim (5W only)	<b>WO</b> Wood White Oak
				<b>30K</b> 3000K Warm White	<b>WE</b> Wood Espresso
				<b>30D</b> 3000K Warm Dim (5W only)	
				<b>35K</b> 3500K Neutral White	
				<b>40K</b> 4000K Cool White	
				<b>57K</b> 5700K Daylight White	

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# GLIDE WOOD CEILING DOWNLIGHT

24VDC, END OR CENTER FLOATING FEED

## Nominal Lamp Data: Lamp data for Downlight Channel

GLCD																								
100° Diffused White Lens																								
DESCRIPTION	5w (4.4 watts)									7w (7.3 watts)						10w (9.6 watts)								
WATTS PER FOOT																								
COLOR TEMPERATURE	22K	24K	27K	27D*	30K	30D*	35K	40K	57K	22K	24K	27K	30K	35K	40K	57K	22K	24K	27K	30K	35K	40K	57K	
LUMENS PER FOOT (lm/ft)	238	264	290	359	317	359	363	395	420	389	431	475	518	593	645	687	504	559	615	671	769	836	890	
LUMENS PER WATT (lm/w)	54	60	65	75	72	75	83	89	95	53	59	65	71	81	88	94	52	58	64	70	80	87	93	
CRI	85+	90+	95+	92+	95+	92+	85+	85+	85+	85+	90+	95+	95+	85+	85+	85+	85+	90+	95+	95+	85+	85+	85+	

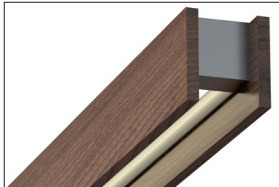
\*27D, 30D - Warm Dim (4.8 Watts)

GLCDW																								
100° Diffused White Lens with White Louver																								
DESCRIPTION	5w (4.4 watts)									7w (7.3 watts)						10w (9.6 watts)								
WATTS PER FOOT																								
COLOR TEMPERATURE	22K	24K	27K	27D*	30K	30D*	35K	40K	57K	22K	24K	27K	30K	35K	40K	57K	22K	24K	27K	30K	35K	40K	57K	
LUMENS PER FOOT (lm/ft)	166	185	203	252	222	252	254	276	294	272	302	332	363	415	452	481	353	392	430	470	539	586	623	
LUMENS PER WATT (lm/w)	38	42	46	52	50	52	58	63	67	37	41	45	50	57	62	66	37	41	45	49	56	61	65	
CRI	85+	90+	95+	92+	95+	92+	85+	85+	85+	85+	90+	95+	95+	85+	85+	85+	85+	90+	95+	95+	85+	85+	85+	

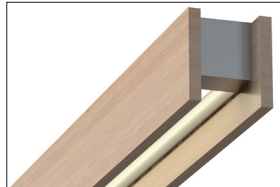
\*27D, 30D - Warm Dim (4.8 Watts)

GLCDB																								
100° Diffused White Lens with Black Louver																								
DESCRIPTION	5w (4.4 watts)									7w (7.3 watts)						10w (9.6 watts)								
WATTS PER FOOT																								
COLOR TEMPERATURE	22K	24K	27K	27D*	30K	30D*	35K	40K	57K	22K	24K	27K	30K	35K	40K	57K	22K	24K	27K	30K	35K	40K	57K	
LUMENS PER FOOT (lm/ft)	104	116	127	157	139	157	159	173	184	170	189	208	227	260	283	301	221	245	269	294	337	366	390	
LUMENS PER WATT (lm/w)	24	26	29	33	31	33	36	39	42	23	26	28	31	36	39	41	23	25	28	31	35	38	41	
CRI	85+	90+	95+	92+	95+	92+	85+	85+	85+	85+	90+	95+	95+	85+	85+	85+	85+	90+	95+	95+	85+	85+	85+	

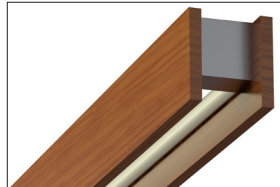
\*27D, 30D - Warm Dim (4.8 Watts)



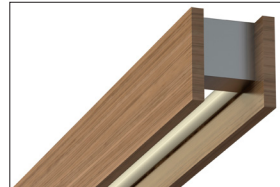
WALNUT



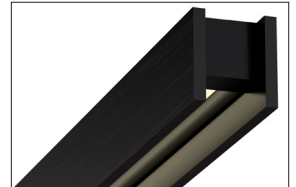
MAPLE



CHERRY



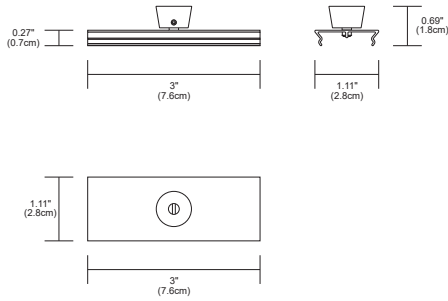
WHITE OAK



ESPRESSO

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**COMPONENTS** Mounting Clips are included and sold separately for replacement



**CEILING MOUNTING CLIP (INCLUDED)**

Ceiling mount Drywall spring clips are provided with every 2ft of Glide Ceiling. The Clip snaps into the channel, staying securely fastened to the ceiling or wall Includes anchors and screws.

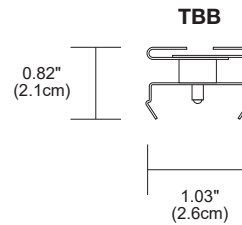
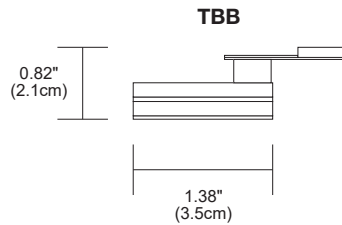
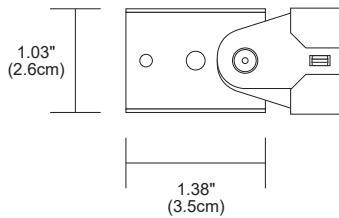
System	Type
<b>GLCD</b>	<b>MCL</b>
<small>GLCD</small> Glide Ceiling Downlight	<small>MCL</small> Mounting Clip

**CEILING MOUNTING T-BAR CLIPS (SOLD SEPARATELY)**

1 per 2'. Mounts flush anywhere along the 15/16" T-Bar grid.

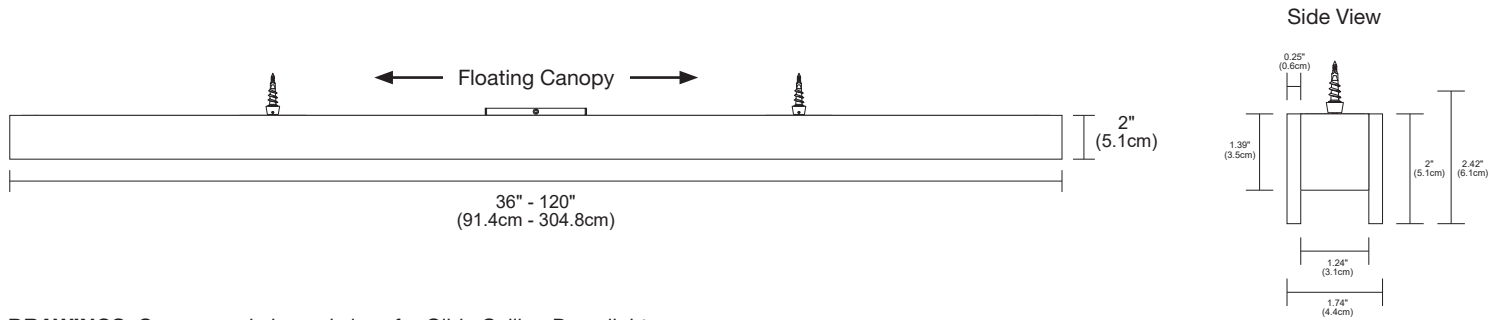


System	Canopy	Type	Finish
<b>GLCD</b>	<b>MCL</b>	<b>TBB</b>	<b>WH</b>
<small>GLCD</small> Glide Ceiling Downlight	<small>MCL</small> Mounting Clip	<small>TBB</small> 15/16" wide T-Bar with ceiling panel 3/8" below grid <small>TBD</small> 9/16" wide T-Bar with ceiling panel 3/8" below grid	<small>WH</small> White <small>BK</small> Black

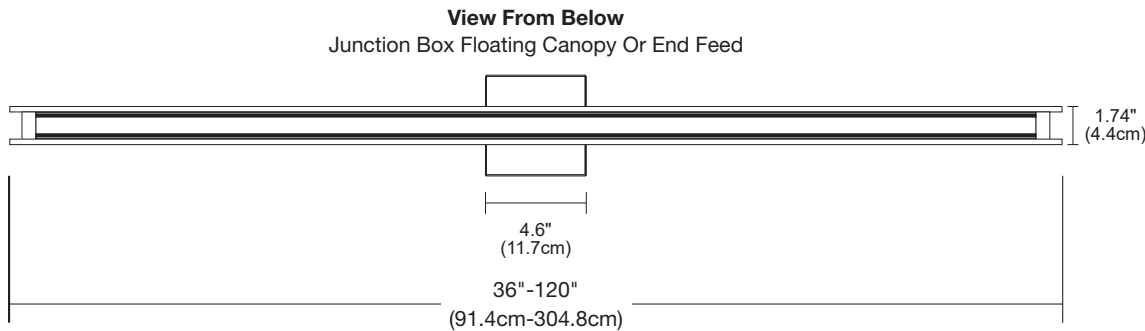


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**DRAWINGS:** Glide Ceiling Downlight



**DRAWINGS:** Canopy and channel sizes for Glide Ceiling Downlight



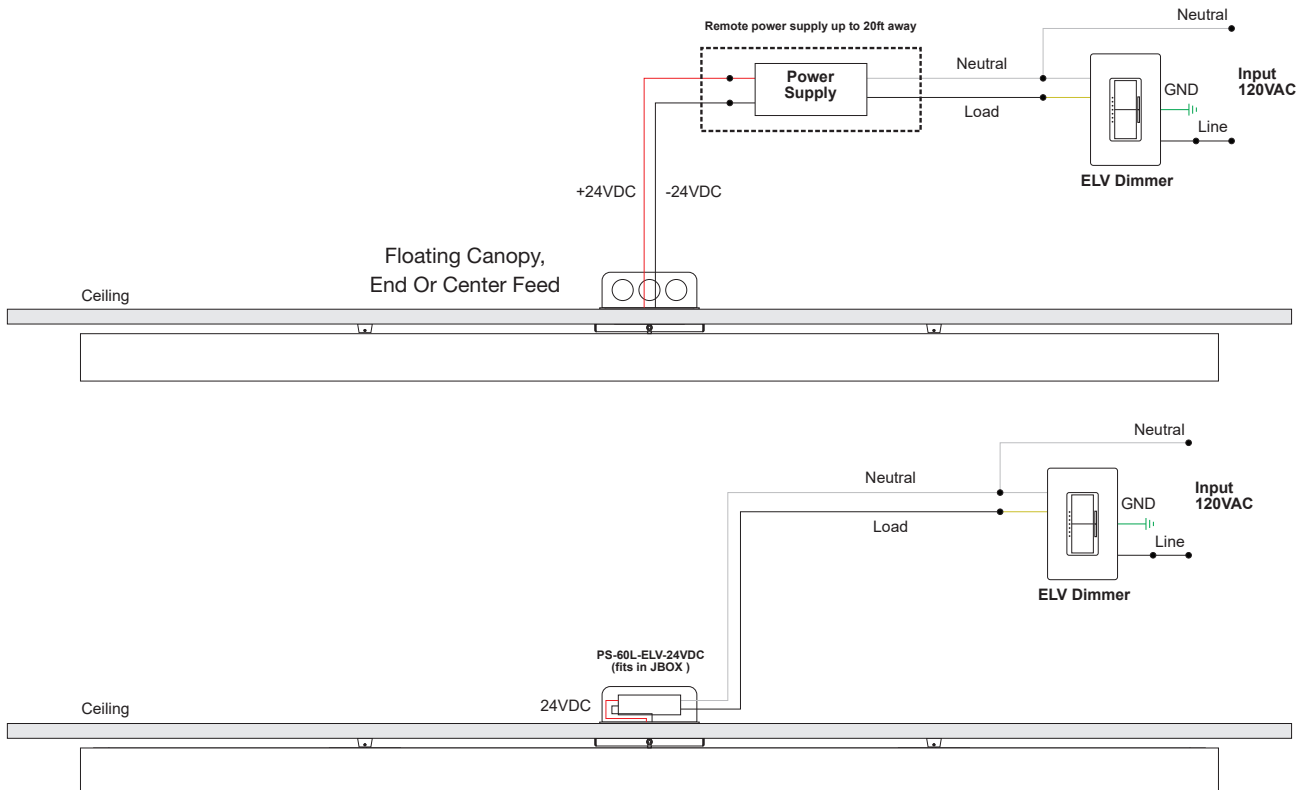
**WIRING DIAGRAM** Wiring Diagram for ELV Dimmer

**APPLICATION**

ELV dimming for Glide Wood Ceiling, Center Feed

**DIMMING**

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



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# INDOOR CONSTANT VOLTAGE REMOTE POWER SUPPLIES

24VDC, UNIVERSAL DIMMING WITH ELV, TRIAC, & 0-10V FOR STATIC WHITE, WARM DIM

## 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
T-BAR MOUNTING	PSB-40W-UNI-24VDC-TB	PSB-60W-UNI-24VDC-TB	PSB-2X40W-UNI-24VDC-TB	PSB-2X60W-UNI-24VDC-TB
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
T-BAR MOUNTING	PSB-96W-UNI-24VDC-TB	PSB-2X96W-UNI-24VDC-TB	PSB-3X96W-UNI-24VDC-TB	PSB-4X96W-UNI-24VDC-TB
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

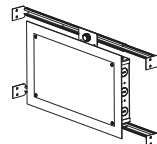
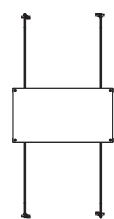
\*Title 24 with JAB listed PureEdge products and systems

\*Tunable White requires Dual power Supplies and Controls. For single control use with our proprietary Tunable White Controller CDMX-1, refer to Universal Tunable White Power Supply Specifications. Up + Down Light fixtures and Systems can be controlled individually or together depending on the power supply selection.

- 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 Supplies 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.

**T-BAR Mounting Kit:** Includes power supply, box cover, and T-bar hangers for installing Junction Box above ceiling with in easy reach. Comes with 4' of 14 gauge pair Teflon cables with quick secure connectors.

**Ordering Codes :** PSB-40W-UNI-24VDC-TB, PSB-60W-UNI-24VDC-TB, PSB-96W-UNI-24VDC-TB, PSB-2X40W-UNI-24VDC-TB, PSB-2X60W-UNI-24VDC-TB, PSB-2X96W-UNI-24VDC-TB, PSB-3X96W-UNI-24VDC-TB, PSB-4X96W-UNI-24VDC-TB



**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":** PSB-40W-UNI-24VDC-IW, PSB-60W-UNI-24VDC-IW, PSB-96W-UNI-24VDC-IW

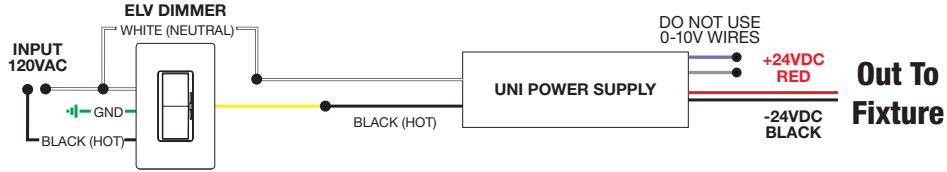
**Ordering Codes 8.5" x 14.25":** PSB-2X40W-UNI-24VDC-IW, PSB-2X60W-UNI-24VDC-IW, PSB-2X96W-UNI-24VDC-IW

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**WIRING DIAGRAMS UNIVERSAL POWER SUPPLY**

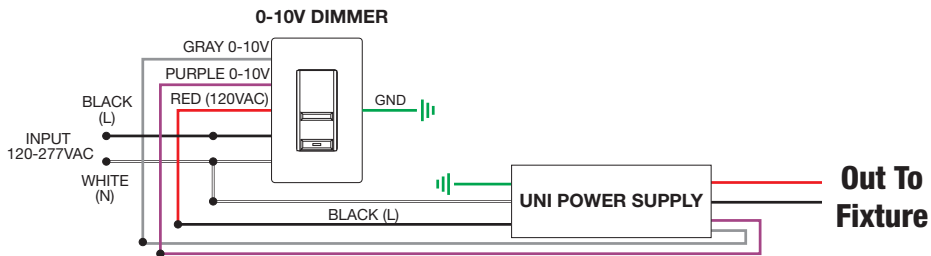
**Application:** ELV dimming for Static White and Warm Dim

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



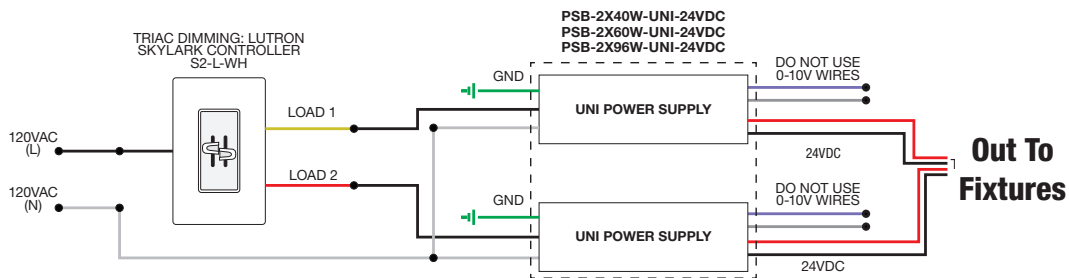
**Application:** 0-10V dimming for Static White

**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



**Application:** Triac dimming for two power supplies, use for Static White

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



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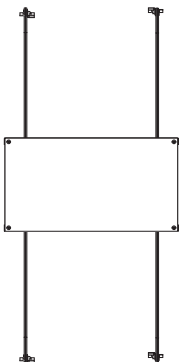
ELECTRONIC LOW-VOLTAGE (ELV) POWER SUPPLIES & RECOMMENDED DIMMERS <sup>†‡</sup>				
<b>ORDERING CODES</b>	<b>PS-60L-ELV-24VDC</b> 	<b>PSB-60W-ELV-24VDC</b> 	<b>PSB-2X60W-ELV-24VDC</b> 	<b>PSB-100W-ELV-24VDC</b> 
<b>SPECIFICATIONS</b>				
<b>MAXIMUM LOAD</b>	60W NON-IC, 50W-IC (FITS IN JBOX)	60W	2X60W	96W
<b>INPUT VOLTAGE</b>	120VAC	120VAC	120VAC	120VAC
<b>OUTPUT VOLTAGE</b>	24VDC	24VDC	24VDC	24VDC
<b>DIMENSIONS</b>	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"
<b>CLASSIFICATION</b>	CLASS 2	CLASS 2	CLASS 2	CLASS 2
<b>T-BAR MOUNTING</b>	N/A	<b>PSB-60W-ELV-24VDC-TB</b>	<b>PSB-2X60W-ELV-24VDC-TB</b>	<b>PSB-100W-ELV-24VDC-TB</b>
<b>IN WALL MOUNTING</b>	N/A	<b>PSB-60W-ELV-24VDC-IW</b>	<b>PSB-2X60W-ELV-24VDC-IW</b>	<b>PSB-100W-ELV-24VDC-IW</b>
ELECTRONIC LOW-VOLTAGE (ELV) POWER SUPPLIES & RECOMMENDED DIMMERS <sup>†‡</sup>				
<b>ORDERING CODES</b>	<b>PSB-2X100W-ELV-24VDC</b> 	<b>PSB-3X100W-ELV-24VDC</b> 	<b>PSB-4X100W-ELV-24VDC</b> 	
<b>SPECIFICATIONS</b>				
<b>MAXIMUM LOAD</b>	2X96W	3X96W	4X96W	
<b>INPUT VOLTAGE</b>	120VAC	120VAC	120VAC	
<b>OUTPUT VOLTAGE</b>	24VDC	24VDC	24VDC	
<b>DIMENSIONS</b>	12.15" X 6.48" X 2.18"	14" X 10" X 3"	17" X 13" X 3"	
<b>CLASSIFICATION</b>	CLASS 2	CLASS 2	CLASS 2	
<b>T-BAR MOUNTING</b>	<b>PSB-2X100W-ELV-24VDC-TB</b>	<b>PSB-3X100W-ELV-24VDC-TB</b>	<b>PSB-4X100W-ELV-24VDC-TB</b>	
<b>IN WALL MOUNTING</b>	<b>PSB-2X100W-ELV-24VDC-IW</b>	N/A	N/A	
<b>DIMMING AND CONTROLS</b>				
<b>LUTRON DIVA: DVELV-300P</b>	•	•	•	
<b>LUTRON SKYLARK: SELV-300P</b>	•	•	•	
<b>LUTRON RADIO RA2: RRD-6NA</b>	•	•	•	
<b>LUTRON MAESTRO: MAELV-600</b>	•	•	•	
<b>LEGRAND ADORNE: ADTP-703TUM4</b>	•	•	•	

<sup>†</sup>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. Color (RGB, RGB+W) and Static Color (Amber, Blue, Green, or Red) are compatible with DMX Power Supplies.

<sup>‡</sup>Electrical Panels using Siemens/Murray AFCI breakers are not compatible with this ELV transformer. Use 0-10 Volt power supplies with this breaker

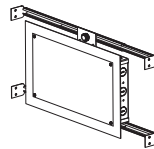
With N-Lite Dimming Do Not use ELV power supplies, use only 0-10 volt or Uni drivers power supplies

\*\*Up + Down Light fixtures and Systems can be controlled individually or together depending on the power supply selection.



**T-Bar Mounting Kit:** Includes power supply, box cover, and T-bar hangers for installing Junction Box above ceiling with in easy reach. Comes with 4' of 14 gauge pair Teflon cables with quick secure connectors.

**Ordering Codes :** PSB-60W-ELV-24VDC-TB  
PSB-100W-ELV-24VDC-TB  
PSB-2X60W-ELV-24VDC-TB  
PSB-2X100W-ELV-24VDC-TB  
PSB-3X100W-ELV-24VDC-TB  
PSB-4X100W-ELV-24VDC-TB



**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":** PSB-60W-ELV-24VDC-IW  
PSB-100W-ELV-24VDC-IW

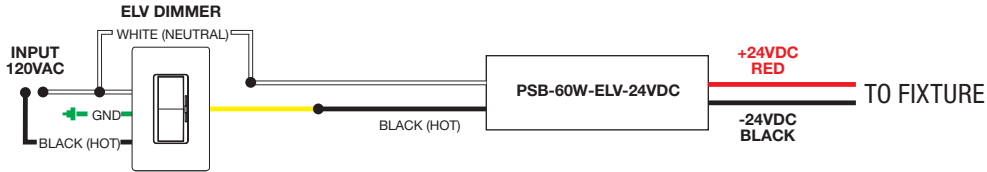
**Ordering Codes 8.5" x 14.25":** PSB-2X60W-ELV-24VDC-IW  
PSB-2X100W-ELV-24VDC-IW

PROJECT		FIXTURE TYPE		DATE	
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**SAMPLE WIRING DIAGRAMS 24VDC ELV**

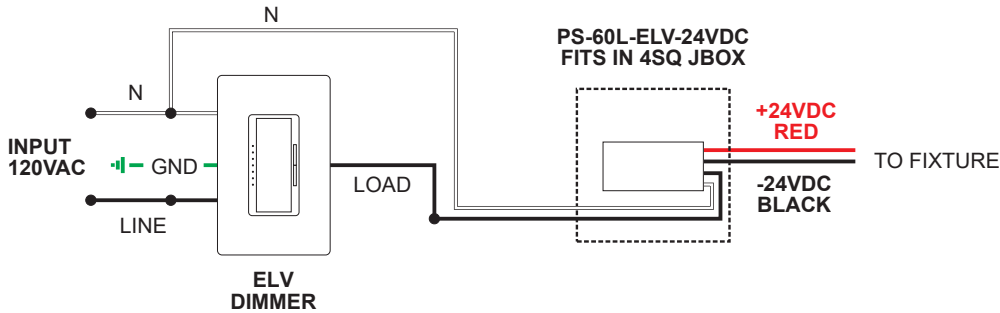
**Application:** ELV dimming for Static White

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



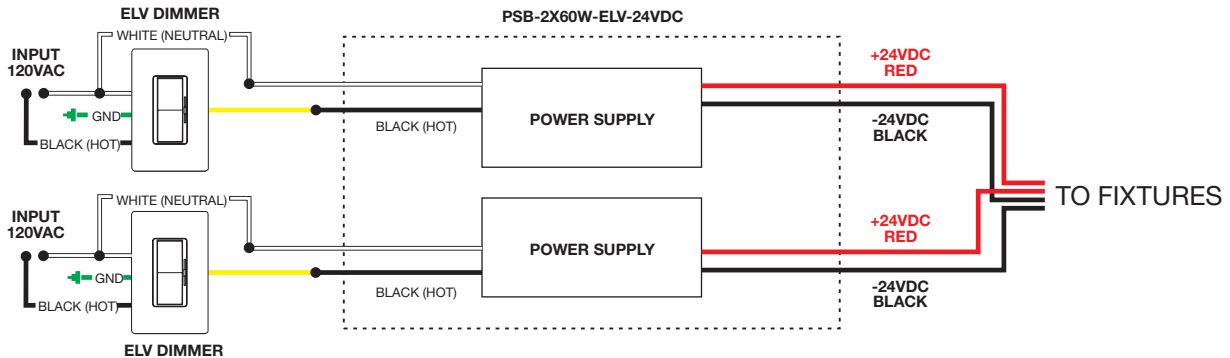
**Application:** ELV dimming for Static White

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



**Application:** Dual 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
SPECIFICATIONS			
MAXIMUM LOAD	25W	60W	96W
INPUT VOLTAGE	120-277VAC	120-277VAC	120-277VAC
OUTPUT VOLTAGE	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"
CLASSIFICATION	CLASS 2	CLASS 2	CLASS 2
T-BAR MOUNTING	PSB-25W-010-24VDC-TB	PSB-60W-010-24VDC-TB	PSB-96W-010-24VDC-TB
IN-WALL MOUNTING	PSB-25W-010-24VDC-IW	PSB-60W-010-24VDC-IW	PSB-96W-010-24VDC-IW

### 0-10 VOLT (010) POWER SUPPLIES & RECOMMENDED DIMMERS

ORDERING CODE	PSB-2X96W-010-24VDC	PSB-3X96W-010-24VDC	PSB-4X96W-010-24VDC
SPECIFICATION			
MAXIMUM LOAD	2X96W	3X96W	4X96W
INPUT VOLTAGE	120-277VAC	120-277VAC	120-277VAC
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
T-BAR MOUNTING	PSB-2X96W-010-24VDC-TB	PSB-3X96W-010-24VDC-TB	PSB-4X96W-010-24VDC-TB
IN-WALL MOUNTING	PSB-2X96W-010-24VDC-IW	N/A	N/A

### DIMMING & CONTROLS

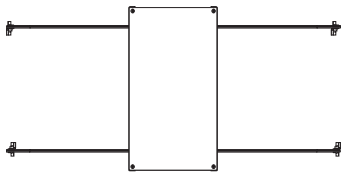
PHILIPS SUNRISE: SR1200ZTUNV	•	•	•
LUTRON DIVA: DVTV-WH, DVSTV-WH	•	•	•
LUTRON NOVA T: NTSTV-DV-XX	•	•	•
LUTRON GRAFIX EYE QS: QSGRJ-XP	•	•	•
LUTRON RADIO RA2: RRD-10ND	•	•	•
LEVITON: LEV40050	•	•	•
LEVITON IP710-LFZ	•	•	•
LEGRAND: ADPD4FBL3P2W4	•	•	•

- 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 > 90

\*Title 24 compliant when used with JAB listed PureEdge systems.

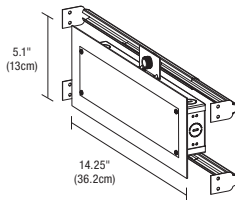
\*\*Up + Down Light fixtures and Systems can be controlled individually or together depending on the power supply selection.



**T-BAR Mounting Kit:** Includes power supply, box cover, and T-bar hangers for installing Junction Box above ceiling with in easy reach. Comes with 4' of 14 gauge pair Teflon cables with quick secure connectors.

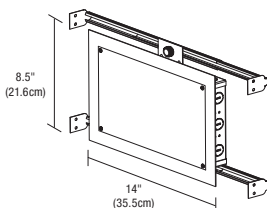
**Ordering Codes:**

- PSB-25W-010-24VDC-TB,
- PSB-60W-010-24VDC-TB,
- PSB-96W-010-24VDC-TB,
- PSB-2X96W-010-24VDC-TB
- PSB-3X96W-010-24VDC-TB
- PSB-4X96W-010-24VDC-TB



**5.1" x 14.25" 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" 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

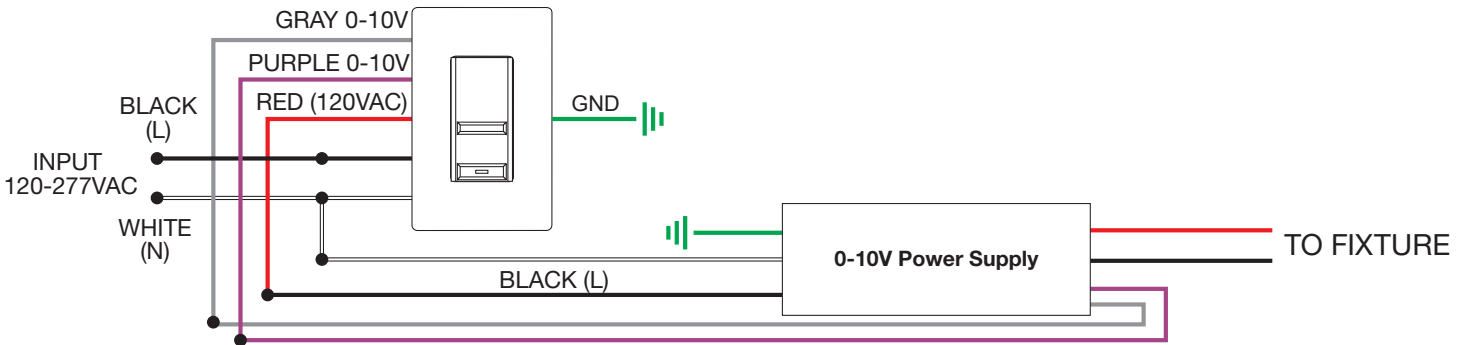
PROJECT	FIXTURE TYPE	DATE

**SAMPLE WIRING DIAGRAMS 24VDC 010**

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

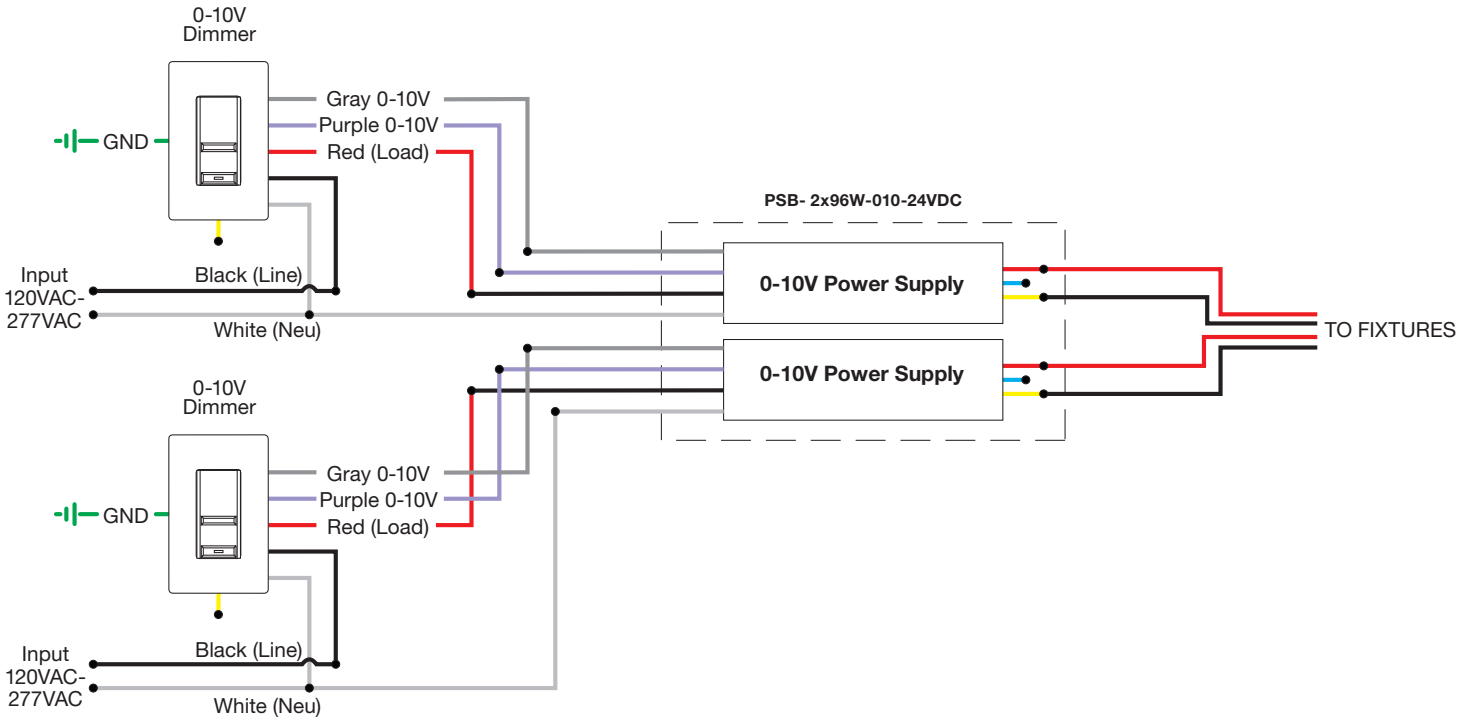
**Dimming:** Dimmable with 0-10V dimmers: Signify (Phillips) Sunrise: SR1200ZTUNV, Leviton Dimmers: LEV40050, IP710-LFZ, \*IP710-DLZ \*(Built in LED locator light) Legrand Dimmer: ADPD4FBL3P2W4 Lutron Systems: Lutron GRAFIX Eye QS Main Unit (with DRX-TVI) Radio Ra2 (with GRX-TVI)

**0-10V DIMMER**






**Application:** Dual 0-10V dimming for Static White

**Dimming:** Dimmable with Dual 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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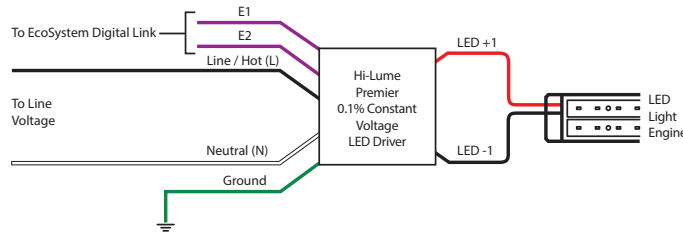
**LUTRON HI-LUME® PREMIER .1% ECOSYSTEM®†**

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

†22K - 57K color temperatures are compatible with 0-10V, ELV, and Lutron Hi-lume® Power Supplies.

\*Title 24 compliant when used with JA8 listed PureEdge systems.

**WIRING DIAGRAM FOR  
LTEA4U1UKL-CV240 OR L3D0-96W24V-U  
ECOSYSTEM DIGITAL LINK**



**COMPATIBLE DIMMERS FOR  
LTEA4U1UKL-CV240 OR L3D0-96W24V-U  
ECOSYSTEM DIGITAL LINK**

Product	Model Number		Drivers Per Control	Recommended System Version <sup>2</sup>
	120V	277V		
<b>PowPak Dimming Module with EcoSystem</b>	RMJ-ECO32-DV-B URMJ-ECO32-DVB		32 Per EcoSystem link	5.9 or Higher
<b>PowPak Wireless Fixture Control with EcoSystem<sup>1</sup></b>	FJC-ECO FJCS-ECO		3 Per EcoSystem link	0796554 or Higher
<b>Energi Savr Node unit with EcoSystem</b>	QSN-1ECO-S, QSN-2ECO-S, QSN-2ECO-PS120, UQSN-1ECO-S, UQSN-2ECO-S,		64 Per EcoSystem link	9.027 or Higher
<b>GRAFIK Eye QS unit with EcoSystem</b>	QSGRJ-_E- QSGR-_E-	-	64 Per EcoSystem link	9.009 or Higher
<b>Quantum Light Management Hub</b>	AYF-103P-	-	64 Per EcoSystem link	3.2 or Higher <sup>3</sup>
<b>Homeworks QS with EcoSystem</b>	LQSE-2ECO-D- QSGRJ-_E- QSGR-_E-	-	64 Per EcoSystem link	10 or Higher <sup>4</sup>

1: All devices connected to one PowPak Wireless Fixture Control will be controlled together. Devices will dim to the same level as the result of a control command. The wireless fixture control will need to have it's low end level reprogrammed to dim to 0.1% output. For more details on adjusting low end light level refer to Application Note #556 at [www.Lutron.com](http://www.Lutron.com)

2: For lower system versions please visit [www.Lutron.com/LEDsystemcheck](http://www.Lutron.com/LEDsystemcheck) to check if your system requires changes

3: Version 3.1 (or later) is required to dim lower than 1%

4: Version 7.0 (or later) is required to dim lower than 1%

PROJECT		FIXTURE TYPE		DATE	
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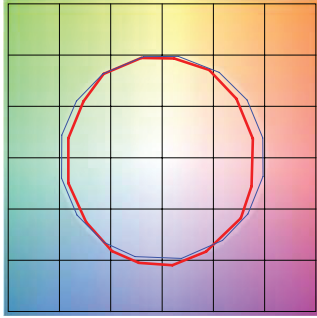
# TM30 DATA

24VDC, END OR CENTER FLOATING FEED

**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

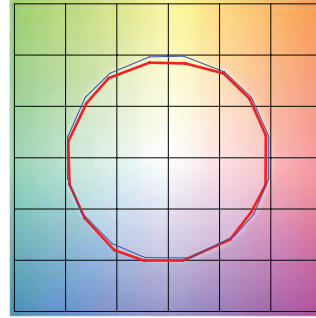


■ Test ■ Reference

HUE BIN	Rf	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

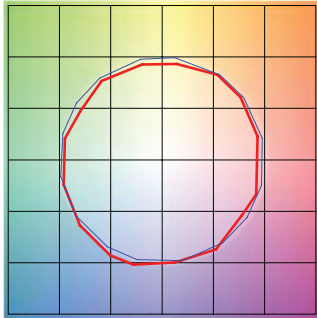


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	82.3	-8.3%	-1.4%
2	82.3	-7.7%	5.0%
3	78.6	-3.5%	9.7%
4	87.0	1.2%	7.4%
5	92.0	3.5%	5.1%
6	93.0	4.1%	-0.7%
7	87.7	-0.4%	-7.0%
8	91.1	-3.8%	-3.3%
9	88.2	-6.1%	-0.6%
10	83.4	-6.4%	6.3%
11	82.7	-1.5%	10.9%
12	84.7	3.2%	5.4%
13	88.9	5.1%	-4.7%
14	79.8	4.7%	-11.4%
15	86.4	0.2%	-8.6%
16	80.6	-5.9%	-11.6%

**2700K** | Rf: 87.7 | Rg: 96.1

Color Vector Graphic

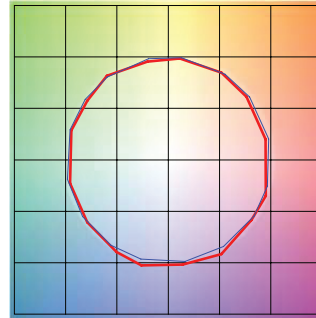


■ Test ■ Reference

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

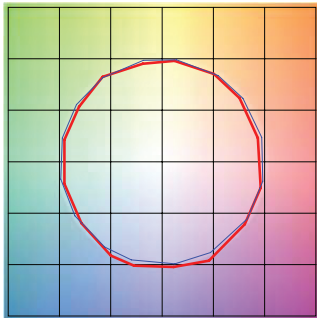


■ Test ■ Reference

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

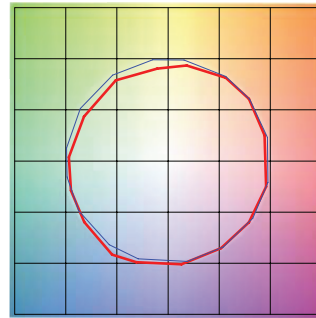


■ Test ■ Reference

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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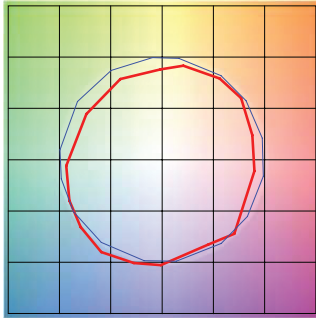
# TM30 DATA

24VDC, END OR CENTER FLOATING FEED

**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.

**5700K** | Rf: 80.3 | Rg: 91.5

Color Vector Graphic

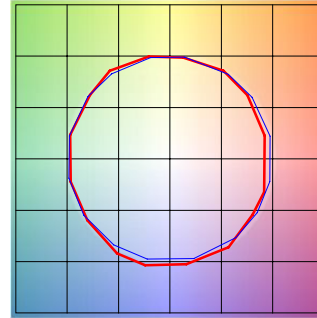


■ Test ■ Reference

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

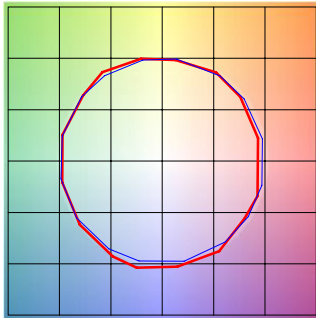


■ Test ■ Reference

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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