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

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA
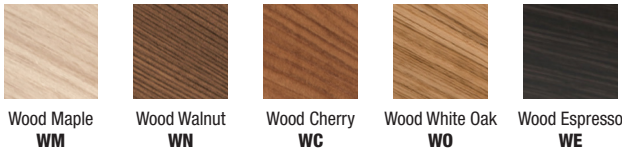
PURE EDGE LIGHTING

DESCRIPTION

Glide Wood Downlight End-Feed Suspension with Remote Power supply and Dynamic/Tunable White produces a Direct beam of illumination through a Diffused White 100° lens. Housed within Genuine hand-finished Hardwood, each fixture has it's own unique characteristics while preserving a clean and architectural aesthetic. Using the latest in LED Technology Dynamic/Tunable White, you have full control over the color temperature from 2000K (Sunset) to 4000K (Cool White) and the ability to regulate any level of brightness independently. Use with two dimmers (one for 2000K and one for 4000K) or use our proprietary Tunable White Controller for fast and accurate adjustment with three pre-set scenes (CDMX1 Ordered separately). Support health, performance, and overall well-being using Human-Centric lighting by fine-tuning the biological effects that light has on the circadian cycle. The Glide Wood Downlight is available in eight standard lengths, with your choice of five Genuine Wood Finishes with a Satin Nickel Canopy for Maple, Walnut, Cherry, and White Oak Finishes, Wood Espresso comes with a Black Canopy. Add optional White or Black louvers for additional diffusion. Remote 24VDC power supplies are sold separately. 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 72")
- Power Supplies sold separately

LUMEN PERFORMANCE

- At 2700K; 5 Watts: 245 Lm/Ft, 10 Watts: 461 Lm/Ft

LAMPING

- 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
- 60,000 Hour Lamp Life with normal use
- CRI: 95+

LENS

- Diffused White 100° lens offered with black or white Louvers

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

- Universal Power Supplies **(UNI)**
- Electronic Low Voltage Dimming **(ELV)**
- 0-10 Volt Dimming **(0-10V)**
- Lutron Hi-Lume®

*In-Wall Mounting Kits available for select power supplies
**Dynamic/Tunable White - Requires two dimmers (one for 2000K and one for 4000K) or use our proprietary Tunable White Controller CDMX-1

APPLICATIONS

- Designed for indoor use only. Ideal applications in Residential, Commercial, Retail, and Hospitality environments.

APPROVALS

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

WOOD FINISHES*

| Wood Maple WM | Wood Walnut WN | Wood Cherry WC | Wood White Oak WO | Wood Espresso WE |

Wood finishes are authentic natural products, exact color and grain may vary. If trying to match another wood product please request a sample. Pure Edge may be able to accommodate some requests to match COM.

System	Wattage Per Foot	Power Feed	Nominal Size (Inches)	Color Temperature	Wood Finish
GLDR	**5W**	**2R**	**72**	**2K4K**	**WM**

System		Wattage Per Foot		Power Feed		Nominal Size		Color Temperature		Wood Finish	
GLDR	Glide Downlight with Remote Power	5W	5 Watt	2R	2.8" Round Canopy	36	36"	2K4K	2000K-4000K Tunable White	WM	Wood Maple
GLDBR	Glide Downlight with Black Louver with Remote Power	10W	10 Watt	2S	2.8" Square Canopy	48	48"			WN	Wood Walnut
GLDWR	Glide Downlight with White Louver with Remote Power			4R	4.6" Round Canopy	60	60"			WC	Wood Cherry
				4S	4.6" Square Canopy	72	72"			WO	Wood White Oak
				VR*	Vanishing Point Plaster in system with No Canopy	84	84"			WE	Wood Espresso
				2R2	2x2.8" Round Canopies	96	96"				
				2S2	2x2.8" Square Canopies	108	108"				
				4R2	2x4.6" Round Canopies	120	120"				
				4S2	2x4.6" Square Canopies						

*2K4K comes with VRD, Vanishing Point Dual feed, with two wires.

PROJECT		FIXTURE TYPE		DATE	

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GLIDE WOOD DOWNLIGHT
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 (4.6 watts)						10w (9.6 watts)				
COLOR TEMPERATURE	20K	24K	27K	30K	35K	40K	20K	24K	27K	30K	35K	40K
LUMENS PER FOOT (lm/ft)	199	221	245	268	307	334	374	415	461	503	576	627
LUMENS PER WATT (lm/w)	45	50	56	61	70	76	39	43	48	52	60	65
CRI	90	95	95+	95+	85+	84	90	95	95+	95+	85+	84

GLDW											
DESCRIPTION	100° Diffused White Lens with White Louver										
WATTS PER FOOT	5w (4.6 watts)						10w (9.6 watts)				
COLOR TEMPERATURE	20K	24K	27K	30K	35K	40K	20K	24K	27K	30K	35K	40K
LUMENS PER FOOT (lm/ft)	140	155	172	188	215	234	261	290	322	352	403	439
LUMENS PER WATT (lm/w)	32	35	39	43	49	53	29	32	34	37	42	46
CRI	90	95	95+	95+	85+	84	90	95	95+	95+	85+	84

GLDB											
DESCRIPTION	100° Diffused White Lens with Black Louver										
WATTS PER FOOT	5w (4.6 watts)						10w (9.6 watts)				
COLOR TEMPERATURE	20K	24K	27K	30K	35K	40K	20K	24K	27K	30K	35K	40K
LUMENS PER FOOT (lm/ft)	86	96	108	118	135	146	163	181	202	220	252	274
LUMENS PER WATT (lm/w)	20	22	24	27	31	33	17	19	21	23	26	29
CRI	90	95	95+	95+	85+	84	90	95	95+	95+	85+	84

Wood Maple
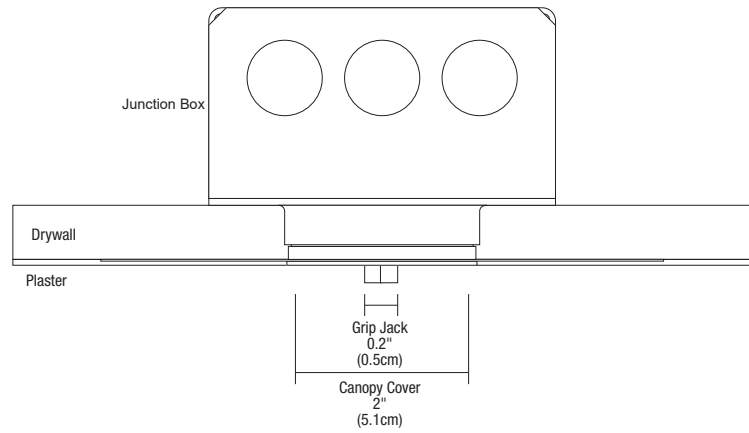

Wood Walnut

Wood Cherry

Wood White Oak

Wood Espresso
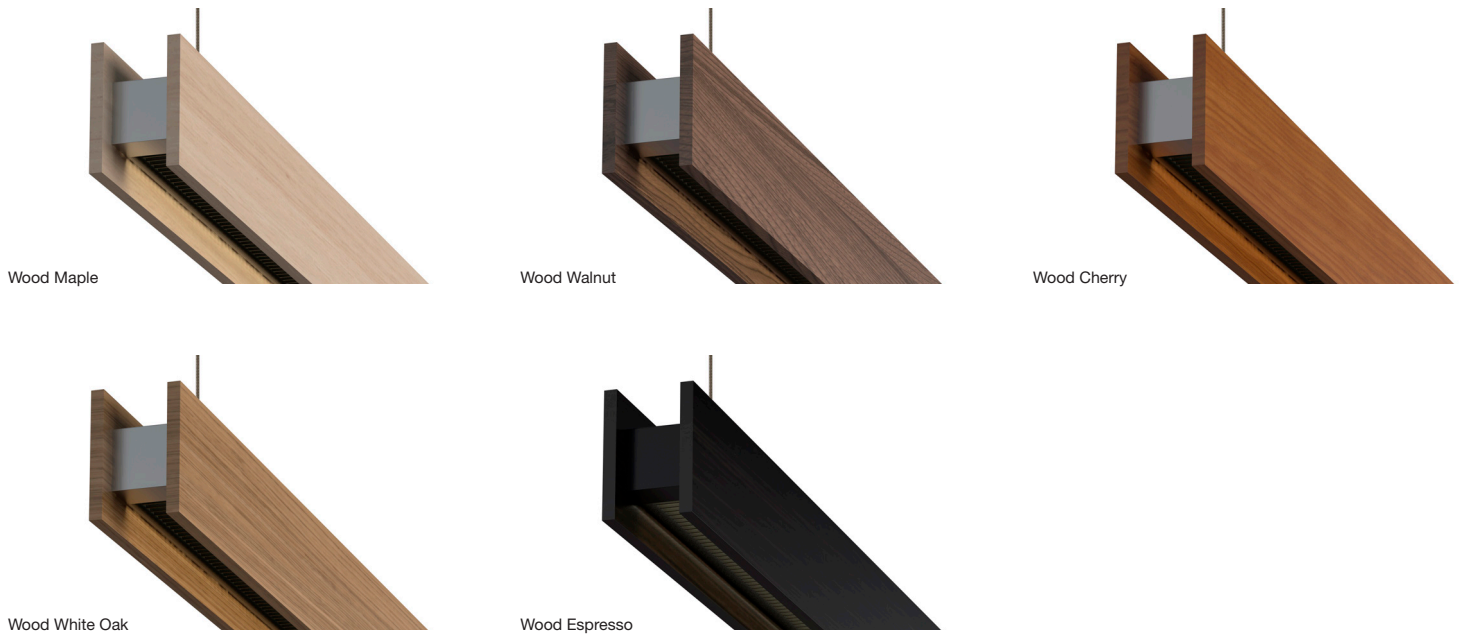
LENGTH CHART Actual lengths for Glide Wood Downlight 2K4K Channel

		5W (2K4K)			10W (2K4K)		
		WITH TWO DIMMERS: YOU NEED TWO UNI DRIVER POWER SUPPLIES, ONE FOR 2000K AND ONE FOR 4000K (SEE PAGES BELOW)		DMX POWER AND CDMX CONTROLLER: YOU NEED ONE POWER SUPPLY ONLY (SEE PAGES BELOW)	WITH TWO DIMMERS: YOU NEED TWO UNI DRIVER POWER SUPPLIES, ONE FOR 2000K AND ONE FOR 4000K (SEE PAGES BELOW)		DMX POWER AND CDMX CONTROLLER: YOU NEED ONE POWER SUPPLY ONLY (SEE PAGES BELOW)
ORDERING CODE (NOMINAL SIZE)	ACTUAL LENGTH	2K4K @ 5 WATTS PER FT	POWER SUPPLY	POWER SUPPLY	2K4K @ 10 WATTS PER FT	POWER SUPPLY	POWER SUPPLY
36	36	15	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	30	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK
48	48	20	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	40	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK
60	60	25	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	50	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK
72	72	30	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	60	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
84	84	35	PSB-2x40W-UNI-24VDC	PSB-100W-24VDC-2XK	70	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
96	96	40	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK	80	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
108	108	45	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK	90	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK
120*	120	50	PSB-2x60W-UNI-24VDC	PSB-100W-24VDC-2XK	100	PSB-2x96W-UNI-24VDC	PSB-100W-24VDC-2XK

*Maximum Shipping Length

PROJECT		FIXTURE TYPE		DATE	

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GLIDE WOOD DOWNLIGHT
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PURE EDGE LIGHTING

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)

Actual Size

0.25"
(0.6cm)

2.5"
(6.4cm)

1.74"
(4.4cm)

Shown with louver

CANDLE POWER DISTRIBUTION 100°

BEAM SPREAD CHART
NSD 3000K 5 Watt 100°

5 WATT 100°		7 WATT 100°		10 WATT 100°	
DISTANCE	**FOOT CANDLES**	**DISTANCE**	**FOOT CANDLES**	**DISTANCE**	**FOOT CANDLES**
1'	152	1'	251	1'	279
1.5'	100	1.5'	165	1.5'	183
2'	74	2'	121	2'	136
3'	47	3'	79	3'	87
4'	34	4'	57	4'	62
5'	25	5'	43	5'	47
6'	20	6'	34	6'	37
7'	15	7'	27	7'	29
8'	13	8'	23	8'	24

PROJECT		FIXTURE TYPE		DATE	

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GLIDE WOOD DOWNLIGHT
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REV 06.18.20

WIRING DIAGRAM Wiring Diagram for Dual ELV Dimmers

|	
APPLICATION	ELV dimming for Glide Wood Downlight 2K4K, 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

ELV Dimmer
White (Neutral)
Input 120VAC
GND
Line
Black (Load)

PSB- 2x96W-UNI-24VDC
Power Supply
Power Supply

White (Neutral)
Input 120VAC
GND
Line
Black (Load)

ELV Dimmer

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PROJECT		FIXTURE TYPE		DATE	

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

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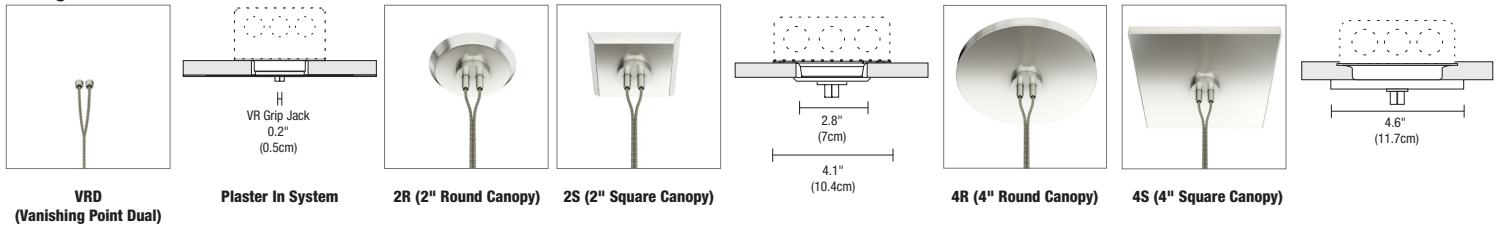
NEW CONSTRUCTION & REMODEL 2" COVER FOR 4" SQUARE JUNCTION BOX

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 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.

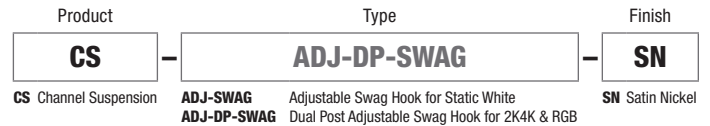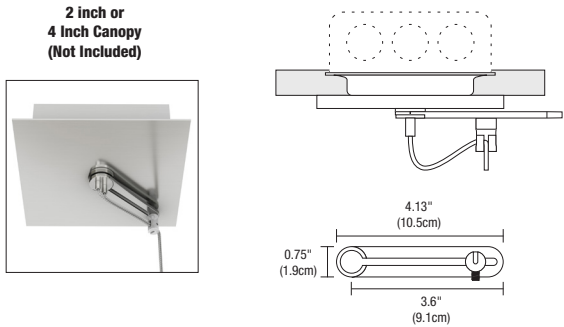| System		Product
NC2	–	JBOX
NC2 New Construction 2"		JBOX Junction Box
RM2 Remodel Plaster Plate		
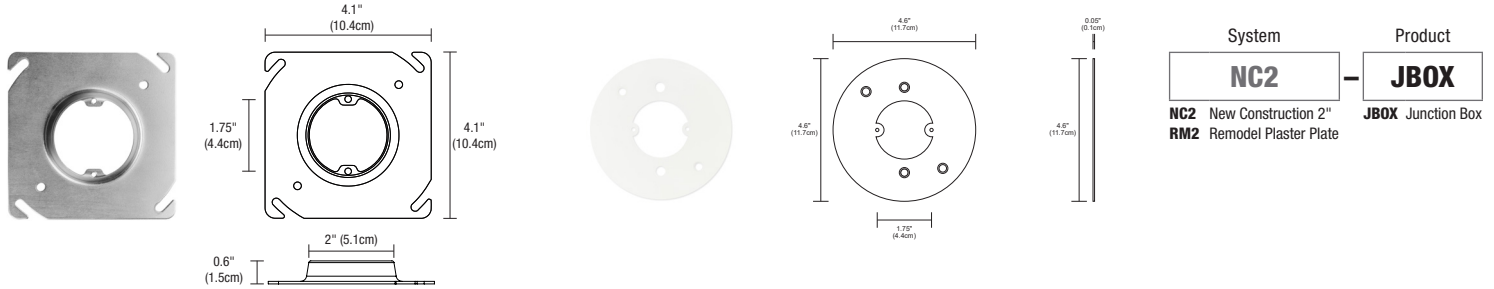
CIRRUS REMOTE POWER CANOPIES (INCLUDED)

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.

VRD (Vanishing Point Dual) — **Plaster In System** (VR Grip Jack 0.2" (0.5cm)) — **2R (2" Round Canopy)** — **2S (2" Square Canopy)** — **4R (4" Round Canopy)** — **4S (4" Square Canopy)**
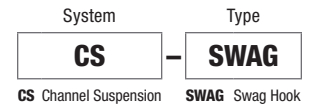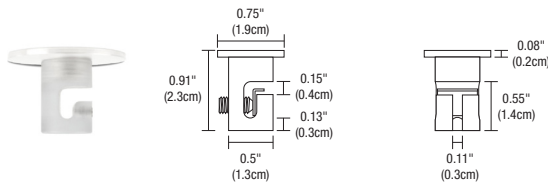
CHANNEL SUSPENSION ADJUSTABLE SWAG BAR AND HOOK

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 and 4S Power Canopies (Canopy not included).

2 inch or 4 Inch Canopy (Not Included)

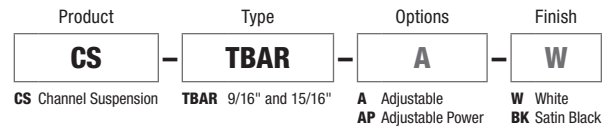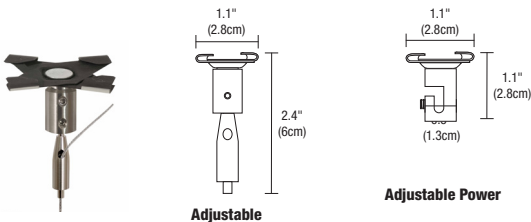| Product	Type		Finish
CS	–	ADJ-DP-SWAG	–	SN
CS Channel Suspension	ADJ-SWAG Adjustable Swag Hook for Static White		SN Satin Nickel
	ADJ-DP-SWAG Dual Post Adjustable Swag Hook for 2K4K & RGB		

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 Channel Suspension	SWAG Swag Hook

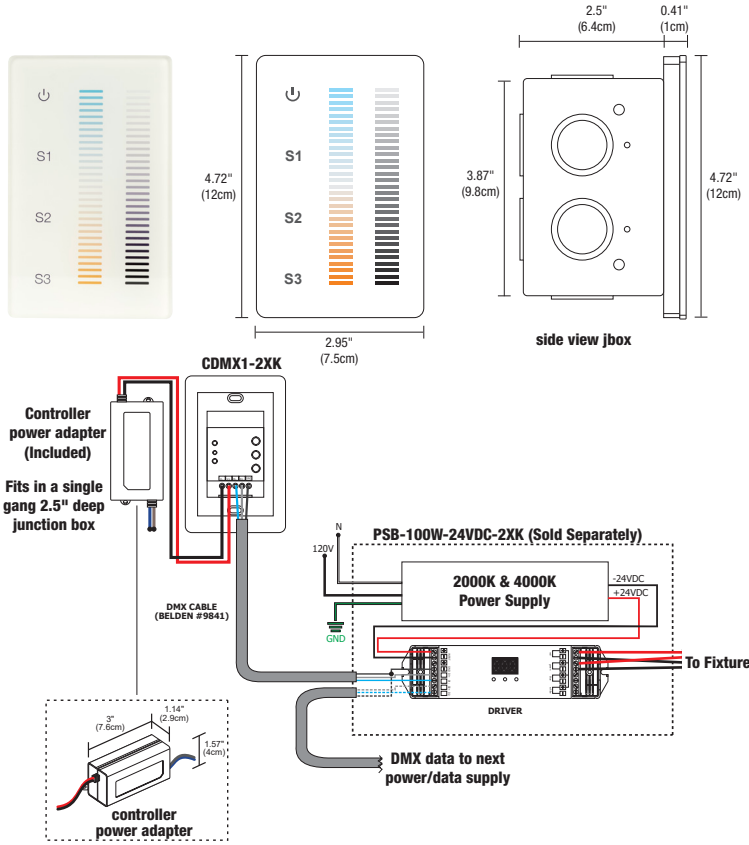### CHANNEL SUSPENSION ADJUSTABLE T-BAR CLIP

Channel 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**

Product	Type	Options	Finish
CS	– TBAR	– A	– W
CS Channel Suspension	TBAR 9/16" and 15/16"	A Adjustable	W White
		AP Adjustable Power	BK Satin Black

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DYNAMIC/TUNABLE WHITE CONTROLLER AND POWER SUPPLIES
24VDC INDOOR CONSTANT VOLTAGE POWER SUPPLIES WITH DMX DRIVERS

REV 06.18.20

Controller power adapter (Included)

Fits in a single gang 2.5" deep junction box

CDMX1-2XK

DMX CABLE (BELDEN #9841)

controller power adapter

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

120V

2000K & 4000K Power Supply

GND

-24VDC
+24VDC

DRIVER

To Fixture

DMX data to next power/data supply

2.5" (6.4cm) | 0.41" (1cm)
3.87" (9.8cm)
4.72" (12cm)

side view jbox

4.72" (12cm)
2.95" (7.5cm)

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

DESCRIPTION:
The Dynamic/Tunable White **(2K4K)** Touch Controller offers fast and accurate Color Temperature adjustment and the ability to regulate the Brightness Independently. The modern Glass faceplate features illuminated indicators, and a back-lit night light that softly illuminates the controller when powered off. Designed for Dynamic/Tunable White, and dual-color LED installations within a single zone. The two Vertical Touch sliders are precise and sensitive, allowing you to fine-tune your perfect Color Temperature at any point between **2000K (Sunset)** to **4000K (Cool White)** while selecting over **250 levels** of Brightness in a smooth, uninterrupted transition. Create Thousands of Dynamic White Color Combinations while maintaining even Brightness and overall saturation. Easily save three pre-set scenes for different times of the day. Support health, performance, and general well-being using Human-Centric lighting by fine-tuning the biological effects that light has on the circadian cycle using the latest in LED technology. Includes a power adapter that fits behind the controller within a standard junction box and fits inside a standard single-gang receptacle (not for use in a multi-gang box). Use with an insulated, 24 AWG stranded, tinned copper wire (Belden #9841). Power Supplies are Sold Separately. Includes a 5 year pro-rated warranty.

APPLICATIONS:
Indoor

INSTALLATION:
Fits in a single gang 2.5 inch deep junction box. Not compatible with multi-gang boxes.

POWER INPUT:
120-240VAC

OUTPUT SIGNAL:
USITT DMX 512 (1990)

LABELS:
ROHS, FCC, Damp Location, ETL/UL

| 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 OF LED STRIP LENGTH	100W 5 WATTS - 20FT MAX. 10 WATTS - 10FT MAX.	2X100W 5 WATTS 2 X 20FT MAX. 10 WATTS - 2 X 10FT MAX.	3X100W 5 WATTS 3 X 20FT MAX. 10 WATTS - 3 X 10FT MAX.	4X100W 5 WATTS 4 X 20FT MAX. 10 WATTS - 4 X 10FT MAX.
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

IN WALL MOUNTING OPTIONS

8.5" (21.6cm)
14" (35.5cm)
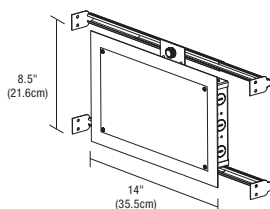
8.5 x 14 inch In-Wall Mounting Kit: Includes power supply, box cover and stud hangers for installing Junction Box in wall. Select "IW" in the options section of compatible power supply ordering codes if an In-Wall Mounting Kit is needed.

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

| PROJECT		FIXTURE TYPE		DATE	

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UNI INDOOR CONSTANT VOLTAGE REMOTE POWER SUPPLIES
24VDC UNIVERSAL DIMMING WITH ELV, 0-10V, TRIAC | DYNAMIC TUNABLE WHITE TECHNOLOGY

PURE EDGE LIGHTING

REV. 06.18.20

UNIVERSAL POWER SUPPLIES & RECOMMENDED DIMMERS†				
ORDERING CODE	**PSB-2X40W-UNI-24VDC**	**PSB-2X60W-UNI-24VDC**	**PSB-2X96W-UNI-24VDC**	**PSB-4X96W-UNI-24VDC**
SPECIFICATIONS				
MAXIMUM LOAD	2X40W	2X60W	2X96W	4X96W
INPUT VOLTAGE	120-277VAC	120-277VAC	120-277VAC	120-277VAC
OUTPUT VOLTAGE	24VDC	24VDC	24VDC	24VDC
DIMENSIONS	12.15" X 6.48" X 2.18"	12.15" X 6.48" X 2.18"	12.15" X 6.48" X 2.18"	17" X 13" X 3"
CLASSIFICATION	CLASS 2	CLASS 2	CLASS 2	CLASS 2
IN-WALL MOUNTING	PSB-2X40W-UNI-24VDC-IW	PSB-2X60W-UNI-24VDC-IW	PSB-2X96W-UNI-24VDC-IW	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 GRAFIK 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 DVLV-600P-WH	•	•	•	•
LUTRON DVLV-603P-WH	•	•	•	•
LUTRON MALV-600-WH	•	•	•	•
LUTRON MALV-1000-WH	•	•	•	•
LUTRON 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.
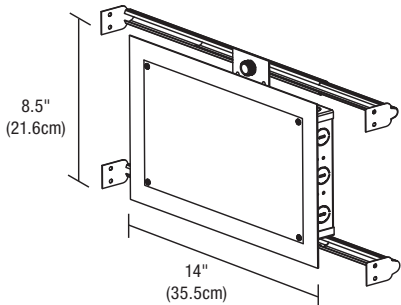
MAXIMUM LENGTH

POWER SUPPLY	5 WATTS	10 WATTS
PSB-2X40W-UNI-24VDC	8 FEET	4 FEET
PSB-2X60W-UNI-24VDC	12 FEET	6 FEET
PSB-2X96-UNI-24VDC	20 FEET	10 FEET
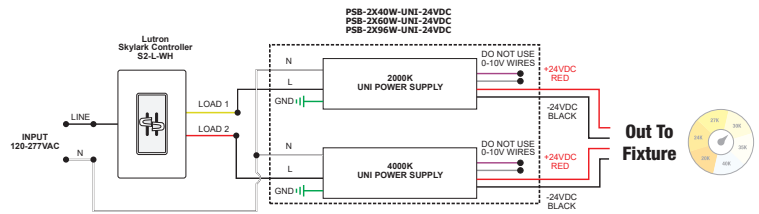
Configuration 1
S2-L-WH (TRIAC) Single Pole Dimming with Dual Universal Power Supplies

IN WALL MOUNTING OPTIONS

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

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.

*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.

**Tunable White (2K4K) uses one or two power supplies, dependent on the controller or dimmer(s) used.
   Lutron Hi-Lume® can be used in both single or dual power formats, dependent on the controller or dimmer(s). Specify amount of Power Supplies based on this.
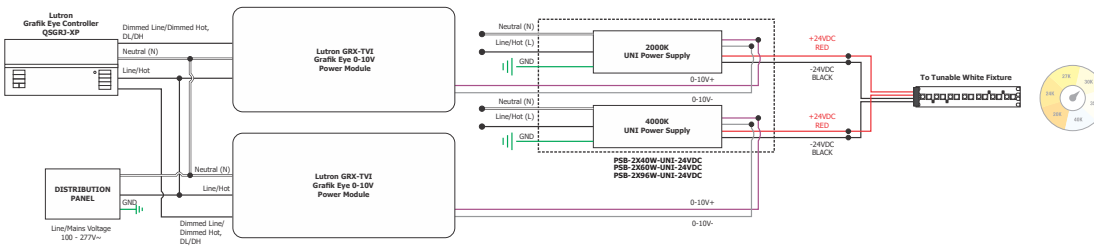
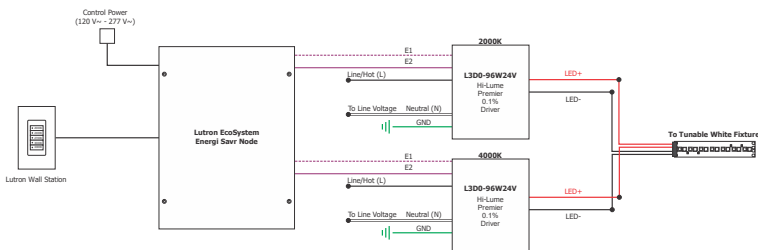**WIRING DIAGRAM:** DMX Control with Lutron Grafik Eye Control Unit
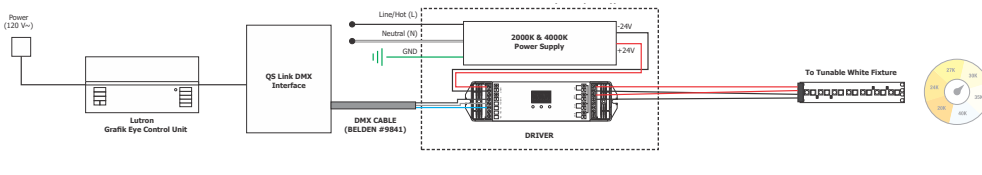
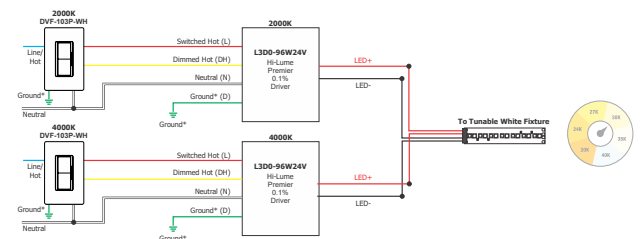**WIRING DIAGRAM:** Line Voltage Dimming with Lutron Grafik Eye Control Unit
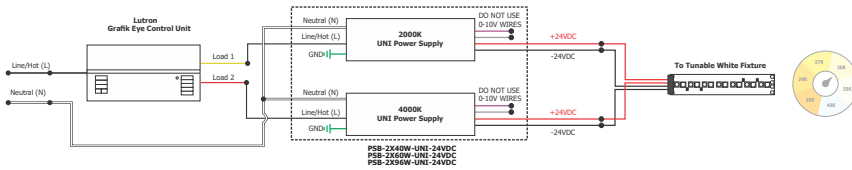
WIRING DIAGRAM: 0-10V Dimming with Lutron Grafik Eye Control Unit or Wall box controller

WIRING DIAGRAM: 2-Wire EcoSystem Panel

WIRING DIAGRAM: 3-Wire EcoSystem Wall Box

PROJECT		FIXTURE TYPE		DATE	

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SUSPENSION TM30 DATA
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.

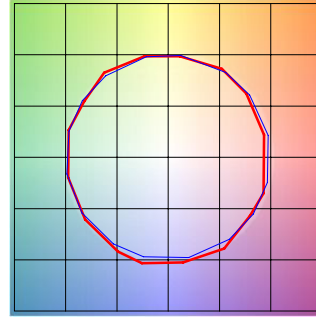### 2000K ONLY (2K4K) | Rf: 84.3 | Rg: 96.9
Color Vector Graphic
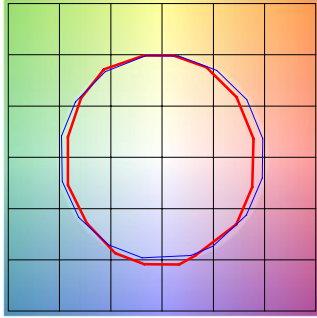
Test   Reference

| 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
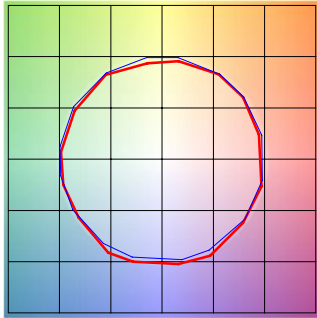
Test   Reference

| 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%

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