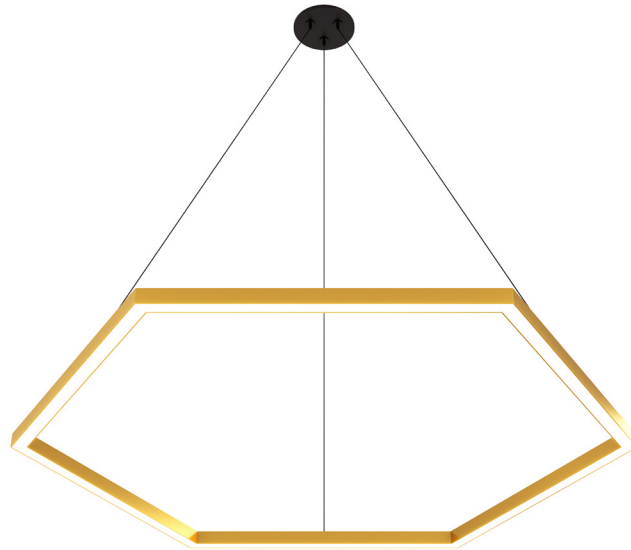


CIRRUS MIYO HEXAGON, WITH LIT CORNERS

24VDC MAKE-IT-YOUR-OWN SUSPENSION, DYNAMIC/TUNABLE WHITE

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 02.19.21



DESCRIPTION

Cirrus MIYO (Make-It-Your-Own) Hexagon LED Suspension with Dynamic Tunable White combines clean, linear channels creating a geometric form that is both striking and whimsical. The diffused white 100° lens is offered in Standard or High Efficiency. Dynamic Tunable White (**2K6K**) grants independent control and adjustment of color temperature and brightness from 2000K (Sunset) through 6500K (Cool White). Ideal for both residential and commercial environments including hospitality, healthcare, retail, education, dining rooms, bed rooms, bathrooms and more. Human-Centric lighting promotes, focus, performance, mood, and overall well-being by fine-tuning the biological effects that light has on the circadian cycle. Our MIYO family fixtures and systems are offered in multiple finishes and sizes from 16" to 44" with up to 95+ CRI. Order **CSD_P** with power supplies included in the Canopy or **CSD_R** with remote power supplies sold separately. All these options allow you to become the fixture designer creating the perfect fixture for any unique space. Fixture includes a 5 year pro-rated warranty. For custom designs and layout assistance, email our design team design@PureEdgeLighting.com.

FINISHES



APPLICATIONS

Designed for Indoor Use Only. Ideal Applications include commercial, architectural, retail and residential spaces including offices, conference rooms, entrance halls, lobbies, Kitchens, Dining Rooms and more.

LENS

- Diffused White Standard or High Efficiency Lens with 100° beam spread

LAMP

- Tunable White: 2000K-6500K (**2K6K**) grants independent control for adjusting color temperature and brightness
- Power Consumed: 5 watts per foot
- 50,000 Hour Lamp Life

POWER & CANOPY SPECIFICATIONS

CSD_P: 2x Power Supplies in Canopy (Included)

- 8" Surface Mount Canopy up to 96 watts
 - 120VAC-277VAC Electronic Low Voltage Dimming (**ELV only**)*
- *ELV power supplies are not compatible with nLight, use only remote 0-10 volt or Uni driver power supplies

CSD_R: Remote Power Supply (Sold Separately)

- 4" Round Flush Canopy, 2x Power Supplies (see power supply specifications)
- Power: 24VDC, Class 2 wiring, 2x Power Supplies
- UNI Driver: Universal Dimming (**TRIAC, ELV, 0-10V**)
- Electronic Low Voltage Dimming (**ELV**)†
- 0-10V
- Lutron Hi-Lume®
- Dynamic Color Changing (**DMX**)

*In-Wall Mounting Kits available for select power supplies

**Dynamic/Tunable White - Requires two dimmers, one for each kelvin diode or, use our proprietary Tunable White Controller CDMX-1

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

APPROVALS

Class 2 Wiring up to 100 watts, Damp Location Suitable, ETL listed. Title 24 with select power supplies, Made in America.

System	Type	Wattage Per Foot	Canopy	Nominal Size	Color Temperature	Finish
CSDSP	HX	5W	C	42	2K6K	SN

CSDSP Cirrus MIYO Standard Efficiency Diffused Lens, with Power, 8" Canopy
CSDHP Cirrus MIYO High Efficiency Diffused Lens, with Power, 8" Canopy
CSDSR* Cirrus MIYO Standard Efficiency Diffused Lens, Remote Power, 4" Canopy
CSDHR* Cirrus MIYO High Efficiency Diffused Lens, Remote Power, 4" Canopy

HX Hexagon **5W** 5 watt **C** Center Feed

16, 20, 25, 30, 35, 40, 44 **2K6K** Tunable White 2000K-6500K

BK Satin Black
CH Chrome
SN Satin Nickel
WH White
BB Satin Brass with Black Canopy
BW Satin Brass with White Canopy

*Lengths are nominal see page 5 for actual dimensions

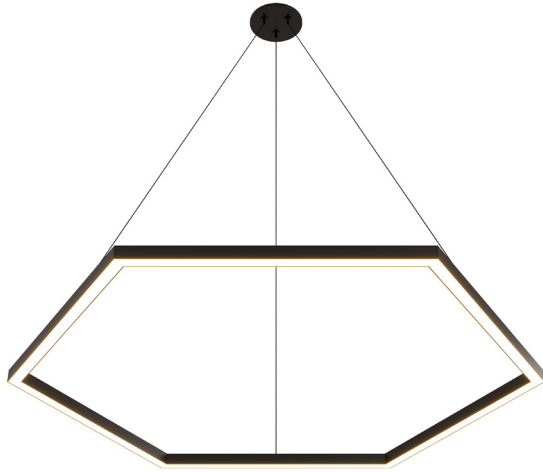
*Title 24 with 0-10 volt or Uni driver power supplies

PROJECT		FIXTURE TYPE		DATE	
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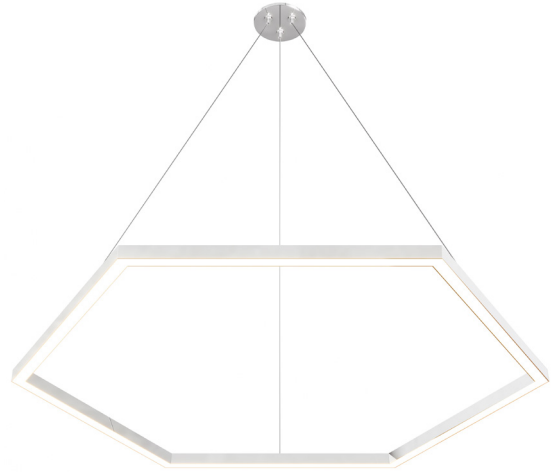
CIRRUS MIYO HEXAGON, WITH LIT CORNERS

24VDC MAKE-IT-YOUR-OWN SUSPENSION, DYNAMIC/TUNABLE WHITE

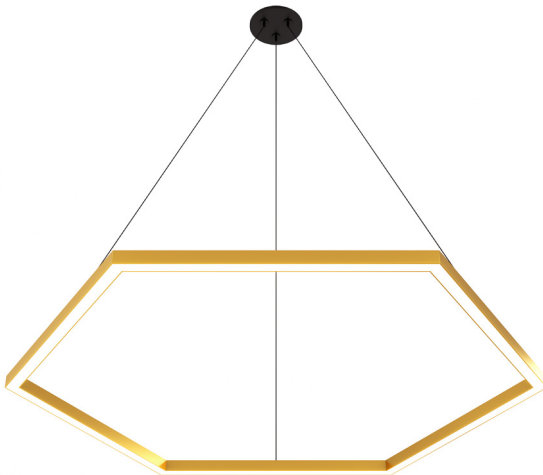
FINISHES: Finishes available for the Cirrus MIYO Hexagon LED Suspension with Power



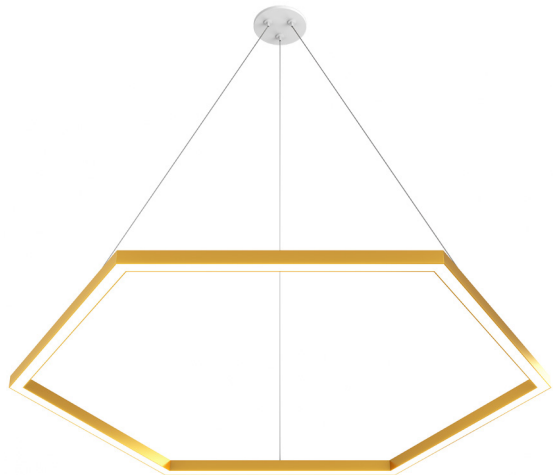
CSDSR-HX-5W-C-42-2K6K-BK



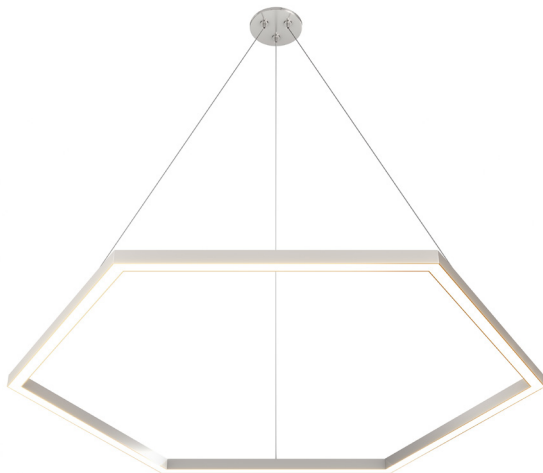
CSDSR-HX-5W-C-42-2K6K-CH



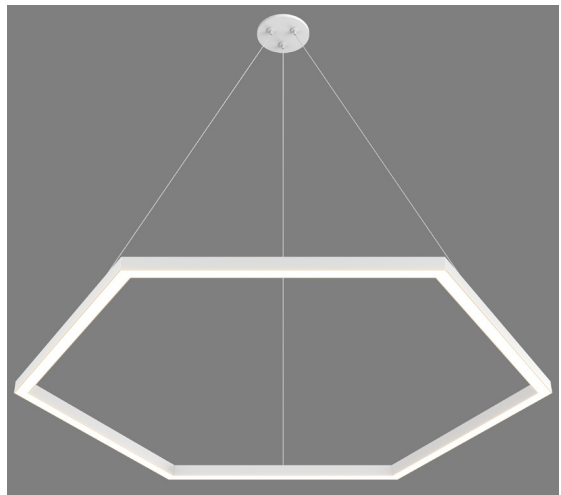
CSDSR-HX-5W-C-42-2K6K-BB



CSDSR-HX-5W-C-42-2K6K-BW



CSDSR-HX-5W-C-42-2K6K-SN



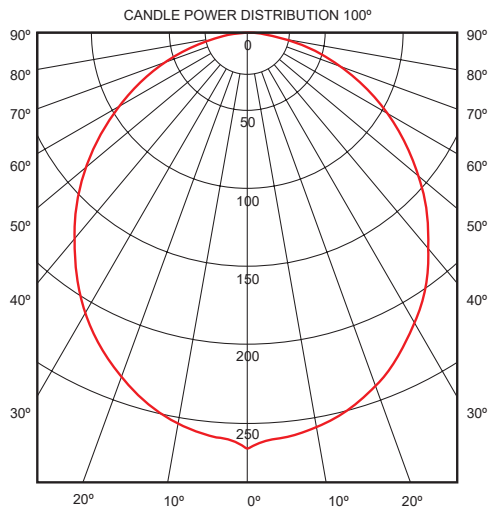
CSDSR-HX-5W-C-42-2K6K-WH

PROJECT		FIXTURE TYPE		DATE	
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LAMP DATA: Lamp data for Cirrus MIYO Hexagon LED Suspension Dynamic Tunable White

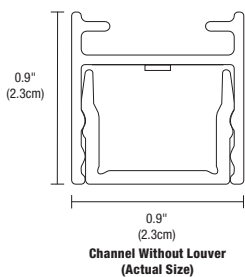
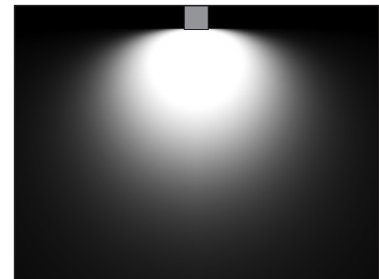
CSDS										
Standard Efficiency, 100° Diffused White Lens										
2K6K - 5w (4.6 watts)										
DESCRIPTION										
WATTS PER FOOT										
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	45K	57K	65K
LUMENS PER FOOT (lm/ft)	223	234	246	279	287	295	304	292	289	280
LUMENS PER WATT (lm/w)	56	51	53	70	72	72	71	71	72	71
CRI	83+	83+	92+	93+	93+	94+	94+	94+	93+	93+

CSDH										
High Efficiency, 100° Diffused White Lens										
2K6K - 5w (4.6 watts)										
DESCRIPTION										
WATTS PER FOOT										
COLOR TEMPERATURE	20K	22K	24K	27K	30K	35K	40K	45K	57K	65K
LUMENS PER FOOT (lm/ft)	267	281	295	334	344	354	365	351	347	336
LUMENS PER WATT (lm/w)	67	61	64	84	86	86	85	85	87	85
CRI	83+	83+	92+	93+	93+	94+	94+	94+	93+	93+



5 Watt 100°	
Distance	Foot Candles
1'	122
1.5'	80
2'	59
3'	38
4'	27
5'	20
6'	15
7'	12
8'	10

Beam Spread Chart
CSDS 3000K 5 Watt 100°



PROJECT		FIXTURE TYPE		DATE	
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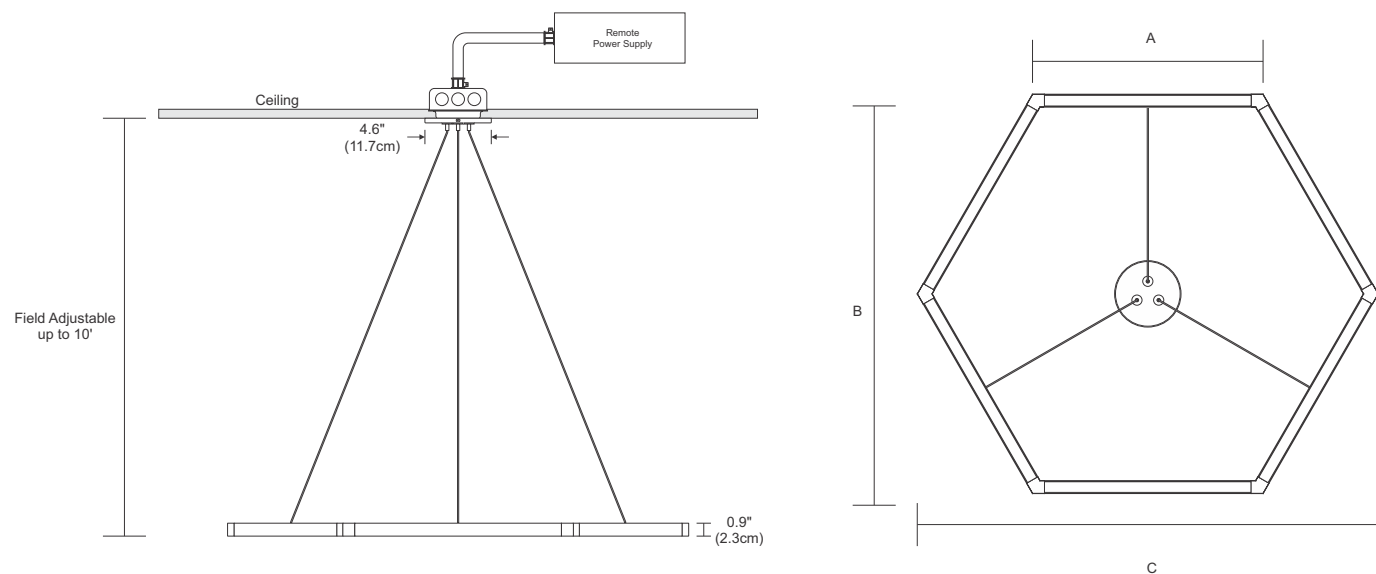
CIRRUS MIYO HEXAGON, WITH LIT CORNERS

24VDC MAKE-IT-YOUR-OWN SUSPENSION, DYNAMIC/TUNABLE WHITE

LENGTH CHART: Actual lengths for Cirrus MIYO Hexagon LED Suspension

2K6K							
Nominal Length C (Inches)	Dim A (Inches)	Dim B (Inches)	Dim C (Inches)	Total Wattage (5W)	Total Lumens 3000K (5W)	Total Lumen White Louver 3000K (5W)	Total Lumen Black Louver 3000K (5W)
18	8.86	15.35	17.72	18	940	929	598
23	11.26	19.51	22.52	24	1253	1238	797
27	13.66	23.66	27.32	30	1566	1548	996
32	16.06	27.82	32.12	36	1879	1858	1195
37	18.46	31.98	36.92	42	2192	2167	1394
42	20.86	36.13	41.72	48	2506	2477	1594
47	23.26	40.29	46.52	54	2819	2786	1793
51	25.66	44.45	51.32	60	3132	3096	1992
56	28.06	48.60	56.12	66	3445	3406	2191
61	30.46	52.76	60.92	72	3758	3715	2390
66	32.86	56.92	65.72	78	4072	4025	2590
71	35.26	61.08	70.52	84	4385	4334	2789
75	37.66	65.23	75.32	90	4698	4644	2988
80	40.06	69.39	80.12	96	5011	4954	3187
85	42.46	73.55	84.92	102	5324	5263	3386
90	44.86	77.70	89.72	108	5638	5573	3586
95	47.26	81.86	94.52	114	5951	5882	3785
99	49.66	86.02	99.32	120	6264	6192	3984
104	52.06	90.17	104.12	126	6577	6502	4183
109	54.46	94.33	108.92	132	6890	6811	4382
114	56.86	98.49	113.72	138	7204	7121	4582
119	59.26	102.64	118.52	144	7517	7430	4781

DRAWINGS: Dimension drawings for the Cirrus MIYO Hexagon LED Suspension, Remote power, Non Lit Corners, Center Feed



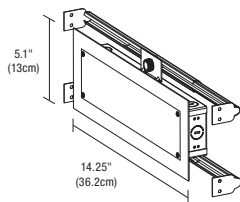
PROJECT	FIXTURE TYPE	DATE
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ELECTRONIC LOW-VOLTAGE (ELV) POWER SUPPLIES & RECOMMENDED DIMMERS ^{†‡}				
ORDERING CODES	PSB-60L-ELV-24VDC 	PSB-60W-ELV-24VDC 	PSB-2X60W-ELV-24VDC 	PSB-100W-ELV-24VDC
SPECIFICATIONS				
MAXIMUM LOAD	60W NON-IC, 50W-IC (FITS 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.

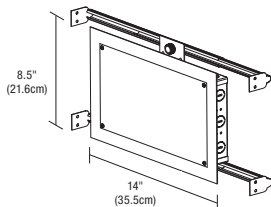
[‡]Electrical Panels using Seimens/Murray AFCI breakers are not compatible with this ELV transformer. Use 0-10 Volt power supplies with this breaker

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.

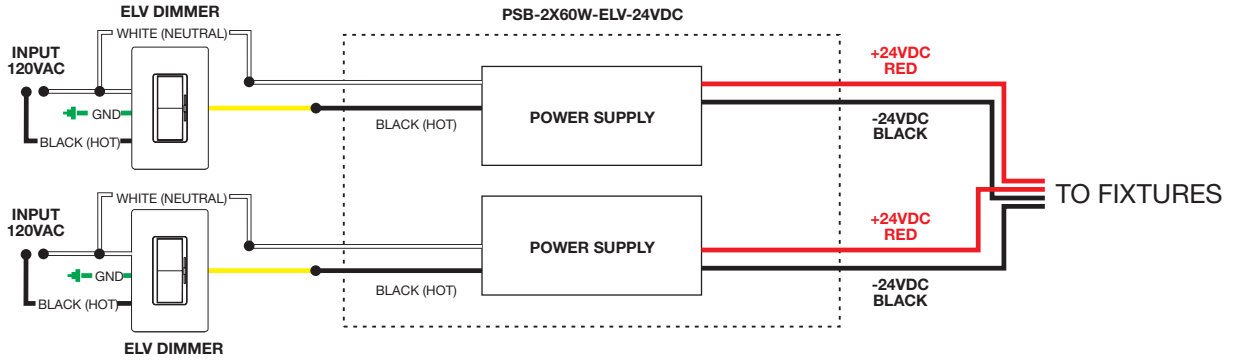
Ordering Codes: PSB-2X60W-ELV-24VDC-IW
PSB-2X100W-ELV-24VDC-IW

PROJECT		FIXTURE TYPE		DATE	
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SAMPLE WIRING DIAGRAMS 24VDC ELV



Application: Dual ELV dimming for Dynamic/Tunable White

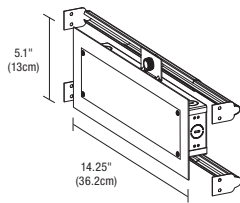
Dimming: Dimmable with ELV dimmer: Legrand, Adorne ADTP703TU; Lutron: Diva DVELV-300P, Skylark SELV-300P, Maestro MAELV-600 and Radio Ra 2



PROJECT		FIXTURE TYPE		DATE	
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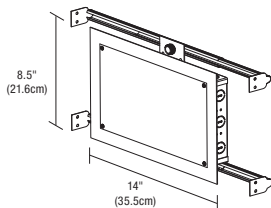
0-10 VOLT (010) POWER SUPPLIES & RECOMMENDED DIMMERS†				
ORDERING CODE	PSB-25W-010-24VDC 	PSB-60W-010-24VDC 	PSB-96W-010-24VDC 	PSB-2X96W-010-24VDC 
SPECIFICATIONS				
MAXIMUM LOAD	25W	60W	96W	2X96W
INPUT VOLTAGE	120VAC	120-277VAC	120-277VAC	120-277VAC
OUTPUT VOLTAGE	24VDC	24VDC	24VDC	24VDC
DIMENSIONS	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.

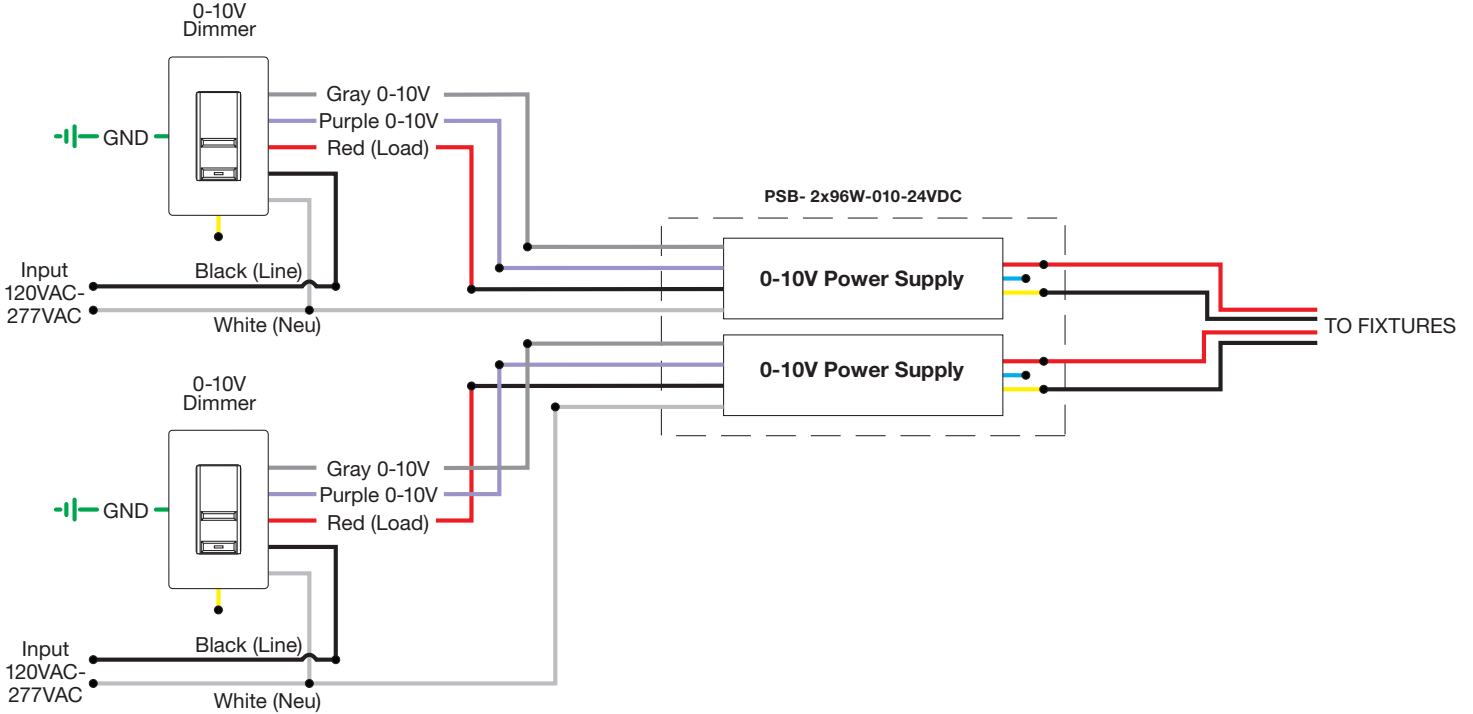
Ordering Codes: PSB-2X96W-010-24VDC-IW

PROJECT		FIXTURE TYPE		DATE	
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SAMPLE WIRING DIAGRAMS 24VDC 010

Application: Dual 0-10V dimming for Dynamic/Tunable 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

INDOOR CONSTANT VOLTAGE REMOTE POWER SUPPLIES

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

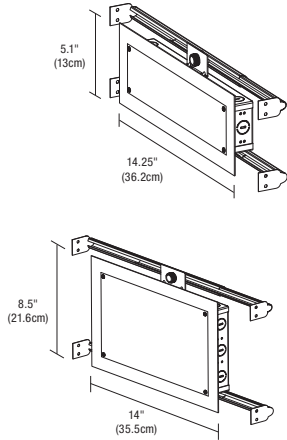
REV 02.19.21

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.

PROJECT		FIXTURE TYPE		DATE	
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IN WALL MOUNTING OPTIONS



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

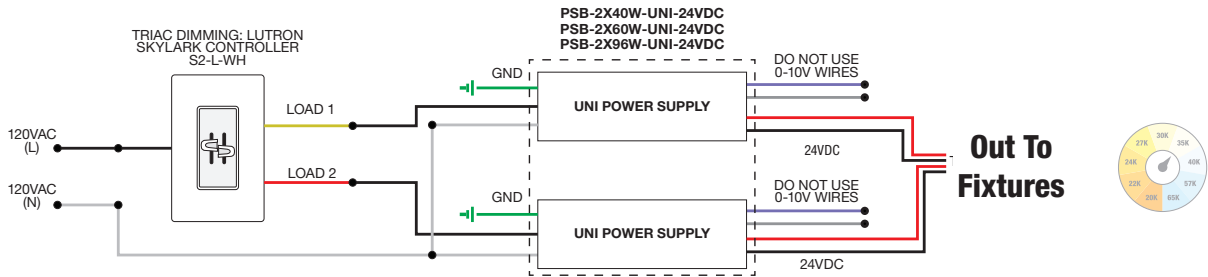
Ordering Codes 5.1 x 14.25 inch: PSB-40W-UNI-24VDC-IW
 PSB-60W-UNI-24VDC-IW
 PSB-96W-UNI-24VDC-IW

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

WIRING DIAGRAMS UNIVERSAL POWER SUPPLY

Application: Triac dimming for two power supplies, use for Static White, Dynamic/Tunable White

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



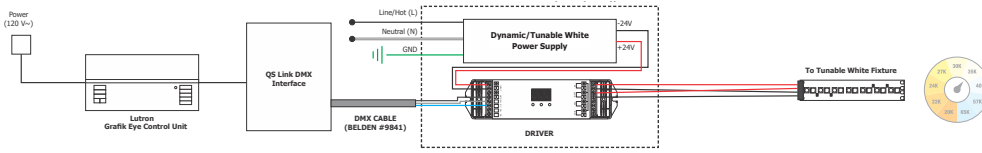
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Dynamic/Tunable White uses one or two power supplies, dependent on the controller or dimmer(s) used. Lutron Hi-Lume® can be used in both single or dual power formats, dependent on the controller or dimmer(s).

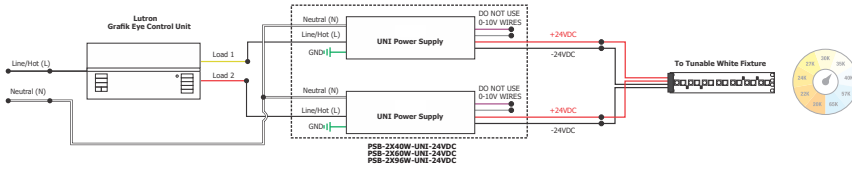
LUTRON HI-LUME® PREMIER .1% ECOSYSTEM®†			
ORDERING CODES	L3D0-96W24V-U	2-WIRE ECOSYSTEM LTEA4U1UKL-CV240	3-WIRE ECOSYSTEM L3DA4U1UKL-CV240
SPECIFICATIONS			
MAXIMUM LOAD	96W	5W-40W	5W-40W
INPUT VOLTAGE	120-277VAC	120-277VAC	120-277VAC
OUTPUT VOLTAGE	24VDC	24VDC	24VDC
DIMENSIONS	10.5" X 5.5" X 2"	4" 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	•	•	•

*Tunable White Color Temperature is compatible with 0-10V, ELV, DMX, and Lutron Hi-Lume® Power Supplies.

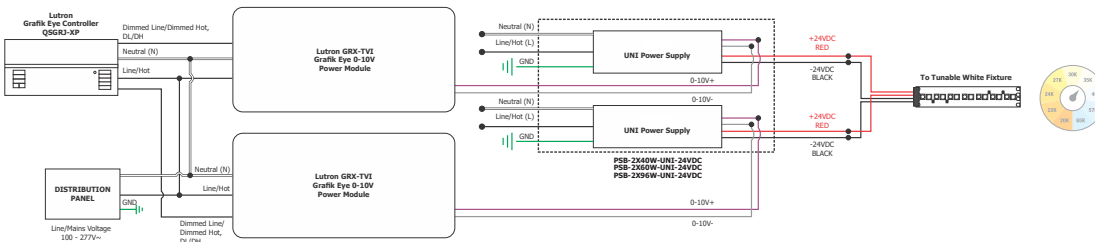
WIRING DIAGRAM: DMX Control with Lutron Grafik Eye Control Unit



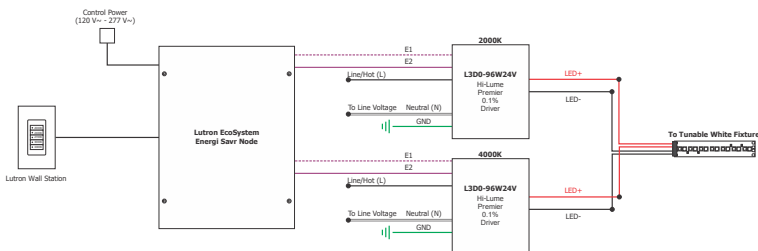
WIRING DIAGRAM: Line Voltage Dimming with Lutron Grafik Eye Control Unit



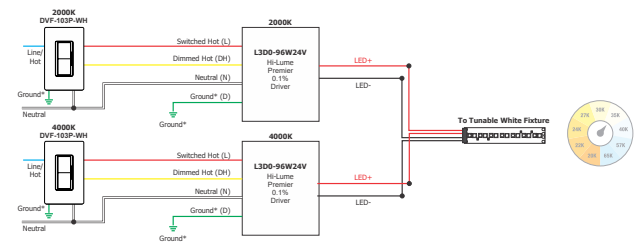
WIRING DIAGRAM: 0-10V Dimming with Lutron Grafik Eye Control Unit or Wall box controller



WIRING DIAGRAM: 2-Wire EcoSystem Panel



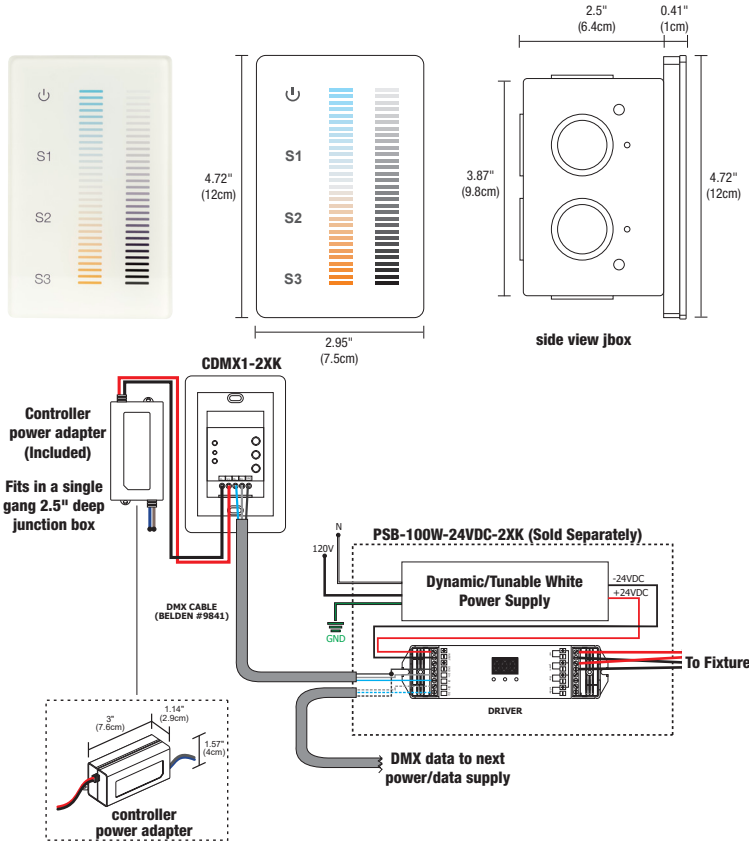
WIRING DIAGRAM: 3-Wire EcoSystem Wall Box



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DYNAMIC/TUNABLE WHITE CONTROLLER AND POWER SUPPLIES

24VDC INDOOR CONSTANT VOLTAGE POWER SUPPLIES WITH DMX DRIVERS



DESCRIPTION:

The Dynamic/Tunable White (**2K4K or 27K6**) 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) or from **2700K** (Incandescent White) to **6500K** (Daylight 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

OUTPUT SIGNAL:

USITT DMX 512 (1990)

INSTALLATION:

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

LABELS:

ROHS, FCC, Damp Location, ETL/UL

POWER INPUT:

120-240VAC

Product	Type	Finish
CDMX1	2XK	WH
CDMX1 DMX Single Zone Touch Controller	2XK Tunable White	WH White

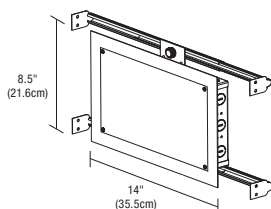
DYNAMIC COLOR CHANGING (DMX) POWER SUPPLIES & RECOMMENDED CONTROLLERS*

ORDERING CODE	PSB-100W-24VDC-2XK	PSB-2X100W-24VDC-2XK	PSB-3X100W-24VDC-2XK	PSB-4X100W-24VDC-2XK
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 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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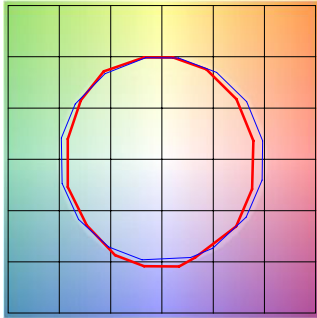
SUSPENSION TM30 DATA

24VDC MAKE-IT-YOUR-OWN SUSPENSION, DYNAMIC/TUNABLE WHITE

TM-30-15 DATA: The data below is for SS5C and SS7C 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

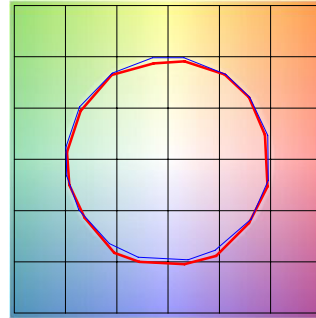


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	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%

4000K ONLY (2K4K) | Rf: 89.6 | Rg: 99.1

Color Vector Graphic

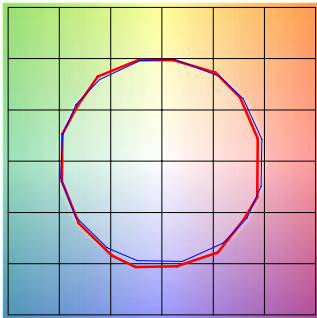


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	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%

2K4K (3000K) | Rf: 90.2 | Rg: 101.4

Color Vector Graphic



■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	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%

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