

GLIDE WOOD DOWNLIGHT

DYNAMIC/TUNABLE CENTER FEED WOOD

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 06.12.20



Wood Cherry

DESCRIPTION

Glide Wood Downlight with Dynamic/Tunable White is a linear LED Suspension that produces a clean Direct beam of illumination through a Diffused White 100° lens. Housed within Genuine hand-finished Hardwood, each suspension has it's own unique characteristics. Using the latest in LED Technology Dynamic/Tunable White allows you to have full control over the color temperature from 2000K (Sunset) to 4000K (Cool White). Requires Two dimmers (one for 2000K and one for 4000K) or, use our proprietary Tunable White Controller for fast and accurate adjustment and 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. Glide Wood Downlight is available in 8 standard lengths, with your choice of 5 Genuine Wood Finishes. Add White or Black louvers for additional diffusion or optional Fast Jack 12V Port Canopy (C1) for mounting Fast Jack fixtures to easily accommodate a variety of moods and tasks. Order **GLUDP** with power supplies included in the canopy or **GLUDR** remote power supplies, sold separately. Fixture includes a 5 year pro-rated warranty. For custom designs and quotes, send drawings to design@PureEdgeLighting.com.

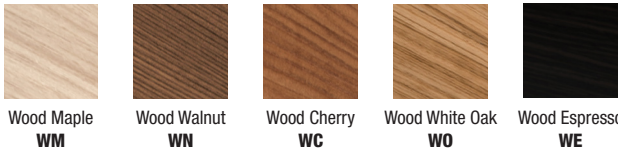
INSTALLATION

- Optional Fast Jack ELV 12VAC port (C1) for mounting Fast Jack 12VAC fixtures on the canopy, off center of canopy
- Includes a 12" Rectangular Canopy used for sizes 36"-96", or a 26" Rectangular is used for sizes 99"-120"
- Includes adjustable 12ft coaxial cables (fixtures exceeding 72" come with additional aircraft cables)

APPLICATIONS

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

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.

ELECTRICAL

Input Voltage:	120VAC - 277VAC
GLDP:	120V/24V 2x Uni-Drivers. Optional Fast Jack Power Supply; 12VAC electronic low voltage LED power supply.
GLDR:	Remote Power Supply Options:
Output Voltage:	24VDC Class 2 wiring, 2x Universal Remote Power Supplies (Ordered Separately, see pages 5-8). Optional Fast Jack Power Supply; 12VAC electronic low voltage LED power supply.
Dimming*:	Universal Dimming (TRIAC, ELV, 0-10V), Lutron Hi-Lume®, DALI or DMX pgs 5-8 *Dimmers are not included
Power Consumed:	5 and 10 watts per foot
Lumen Performance:	At 2700K; 5 Watts: 245 Lm/Ft, 10 Watts: 461 Lm/Ft
Lens	Diffused White 100° lens; optional black or white louvers

LAMPING

- Dynamic/Tunable White (2K4K) allows you to pick any color temperature from 2000K (sunset) to 4000K (cool white) and to control any brightness or dim level (requires Two dimmers, one for 2000K and one for 4000K, Ordered Separately)
- 60,000 Hour Lamp Life
- 95+ CRI

APPROVALS

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



Wood Cherry C1 Canopy off center, shown with FJ Piston in Satin Nickel (FJ Piston sold separately)

System	Wattage Per Foot	Power Feed	Nominal Size (L)	Color Temperature	Wood Finish						
GLDR	5W	C	36	2K4K	WM						
GLDR	Glide Downlight, Remote Power*	5W	5 Watts	C	Center Feed	36	36" 84"	2K4K	2000K-4000K Dynamic / Tunable White	WM	Wood Maple
GLDBR	Glide Downlight with Black Louver, Remote Power*	10W	10 Watts	C1	Center Feed with Fast Jack Port	48	48" 96"			WN	Wood Walnut
GLDWR	Glide Downlight with White Louver, Remote Power*					60	60" 108"			WC	Wood Cherry
GLDP	Glide Downlight, Power					72	72" 120"			WO	Wood White Oak
GLDBP	Glide Downlight with Black Louver, Power									WE	Wood Espresso
GLDWP	Glide Downlight with White Louver, Power										

*Ordered Separately

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GLIDE WOOD DOWNLIGHT

DYNAMIC/TUNABLE CENTER FEED WOOD

NOMINAL LAMP DATA: Lamp data for the Glide Wood Downlight Center Feed

GLDR												
100° Diffused White Lens without Louver												
DESCRIPTION	5w (5 watts)						10w (10 watts)					
WATTS PER FOOT												
COLOR TEMPERATURE	20K	24K	27K	30K	35K	40K	20K	24K	27K	30K	35K	40K
LUMENS PER FOOT (lm/ft)	201	223	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	90+	95+	95+	85+	84	90	95	95+	95+	85+	84

GLDBR												
100° Diffused White Lens with Black Louver												
DESCRIPTION	5w (5 watts)						10w (10 watts)					
WATTS PER FOOT												
COLOR TEMPERATURE	20K	24K	27K	30K	35K	40K	20K	24K	27K	30K	35K	40K
LUMENS PER FOOT (lm/ft)	88	98	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	90+	95+	95+	85+	84	90	95	95+	95+	85+	84

GLDWR												
100° Diffused White Lens with White Louver												
DESCRIPTION	5w (5 watts)						10w (10 watts)					
WATTS PER FOOT												
COLOR TEMPERATURE	20K	24K	27K	30K	35K	40K	20K	24K	27K	30K	35K	40K
LUMENS PER FOOT (lm/ft)	141	156.5	172	188	215	234	261	290	322	352	403	439
LUMENS PER WATT (lm/w)	32	35.5	39	43	49	53	29	32	34	37	42	46
CRI	90	90+	95+	95+	85+	84	90	95	95+	95+	85+	84



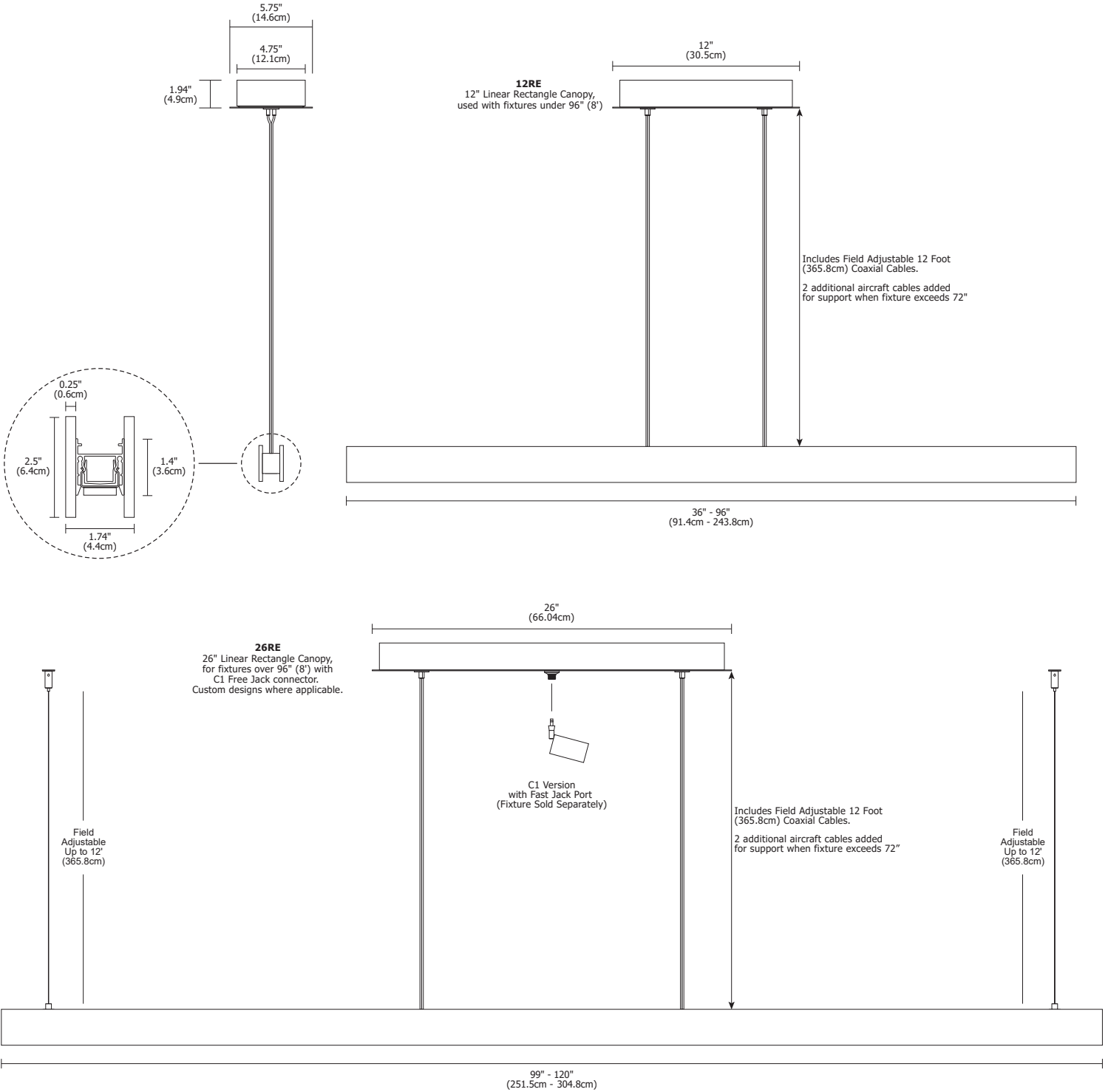
LENGTH CHART Actual lengths for Glide Wood Downlight 2K4K Channel

Ordering Code (Nominal Size)	Actual Length (Inches)	5W (2K4K)		10W (2K4K)			
		2K4K Wattage @ 5 Watts Per Ft.	Power Supply	DMX POWER AND CDMX CONTROLLER: YOU NEED ONE POWER SUPPLY ONLY (SEE PAGES BELOW)	2K4K Wattage @ 10 Watts Per Ft.	Power Supply	DMX POWER AND CDMX CONTROLLER: YOU NEED ONE POWER SUPPLY ONLY (SEE PAGES BELOW)
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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Drawings: Canopy and Channel Sizes for the Glide Wood Downlight - Center Feed



PROJECT	FIXTURE TYPE	DATE
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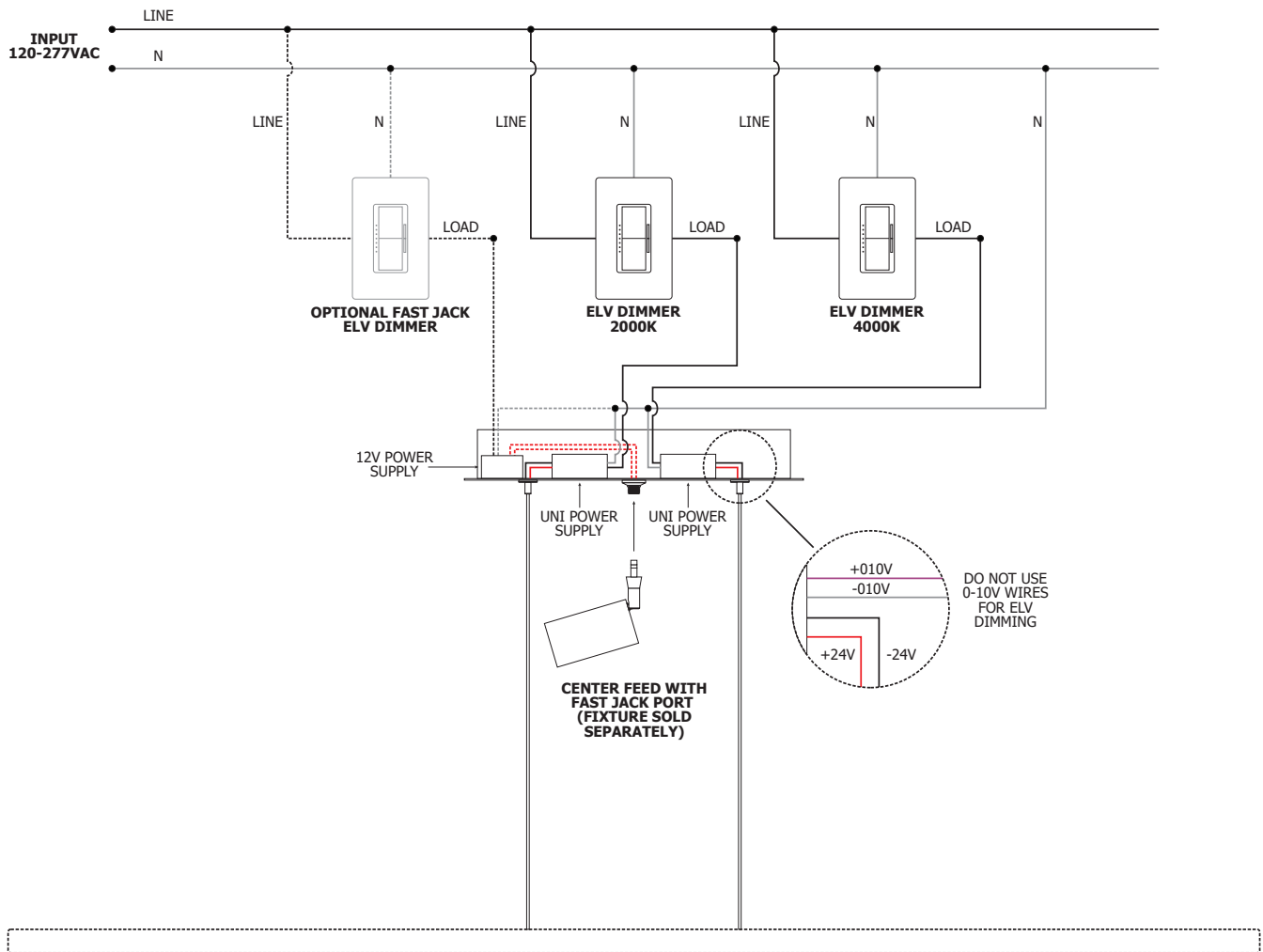
GLIDE WOOD DOWNLIGHT

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Wiring Diagram: Wiring diagram for an ELV Dimmer

Application: ELV dimming for Glide Glass Up and Downlight, Center Feed Canopy with Fast Jack Port (C1)

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



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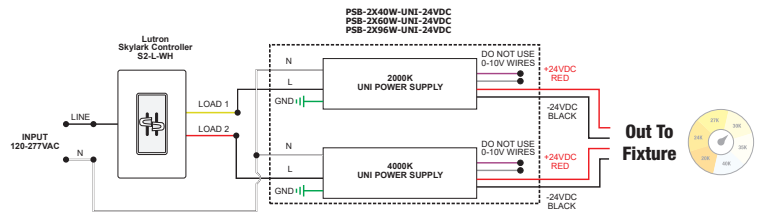
UNIVERSAL POWER SUPPLIES & RECOMMENDED DIMMERS†				
ORDERING CODE	PSB-2X40W-UNI-24VDC	PSB-2X60W-UNI-24VDC	PSB-2X96W-UNI-24VDC	PSB-4X96W-UNI-24VDC
SPECIFICATIONS				
MAXIMUM LOAD	2X40W	2X60W	2X96W	4X96W
INPUT VOLTAGE	120-277VAC	120-277VAC	120-277VAC	120-277VAC
OUTPUT VOLTAGE	24VDC	24VDC	24VDC	24VDC
DIMENSIONS	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: DVTW-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.

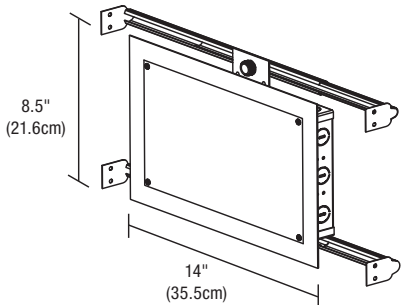
MAXIMUM LENGTH

POWER SUPPLY	5 WATTS	10 WATTS
PSB-2X40W-UNI-24VDC	8 FEET	4 FEET
PSB-2X60W-UNI-24VDC	12 FEET	6 FEET
PSB-2X96W-UNI-24VDC	20 FEET	10 FEET



Configuration 1
 S2-L-WH (TRIAC) Single Pole Dimming with Dual Universal Power Supplies

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.

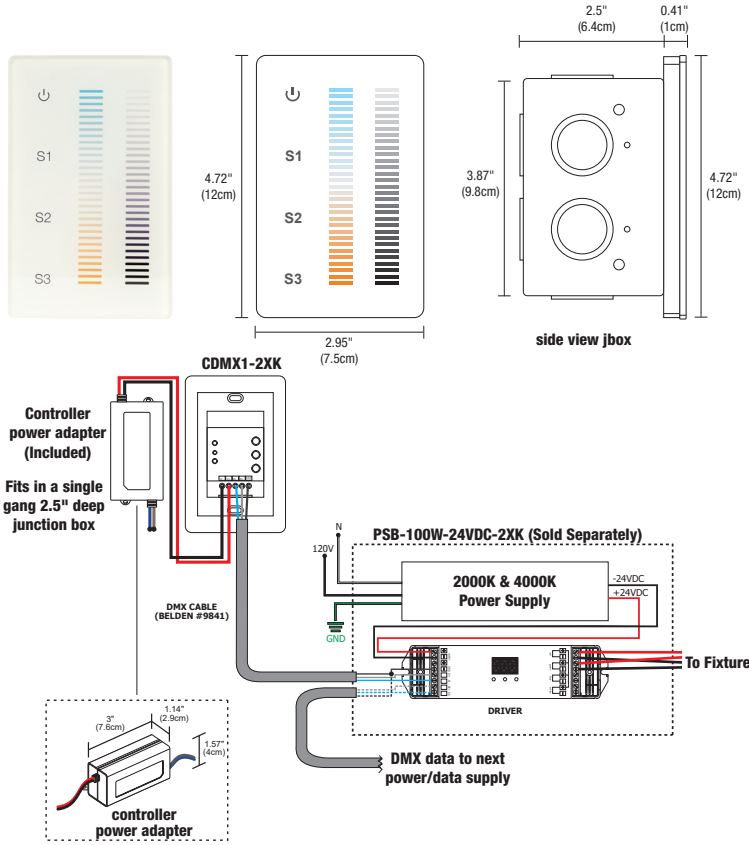
Ordering Codes 8.5 x 14.25 inch: PSB-2X40W-UNI-24VDC-IW, PSB-2X60W-UNI-24VDC-IW, PSB-2X96W-UNI-24VDC-IW

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DYNAMIC/TUNABLE WHITE CONTROLLER AND POWER SUPPLIES

24VDC INDOOR CONSTANT VOLTAGE POWER SUPPLIES WITH DMX DRIVERS

REV 06.12.20



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

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 2 X Kelvin	WH White

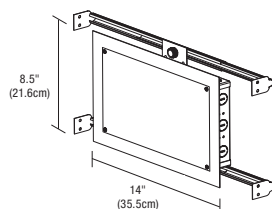
DYNAMIC COLOR CHANGING (DMX) POWER SUPPLIES & RECOMMENDED CONTROLLERS*

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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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	•	•	•

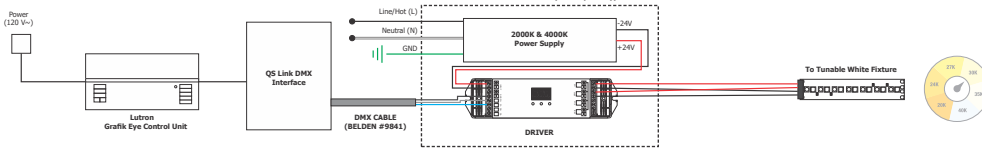
†24K - 57K color temperatures are compatible with 0-10V, ELV, and Lutron Hi-Lume® Power Supplies. Warm Dim (27D, 30D) color temperatures are only compatible with ELV power supplies.

*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.

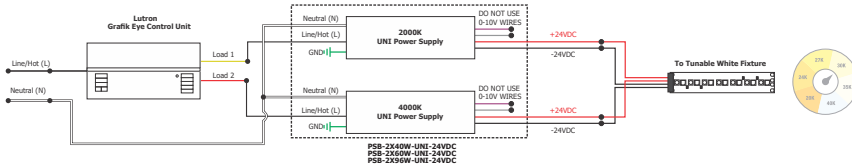
**Tunable White (2K4K) uses one or two power supplies, dependent on the controller or dimmer(s) used.

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.

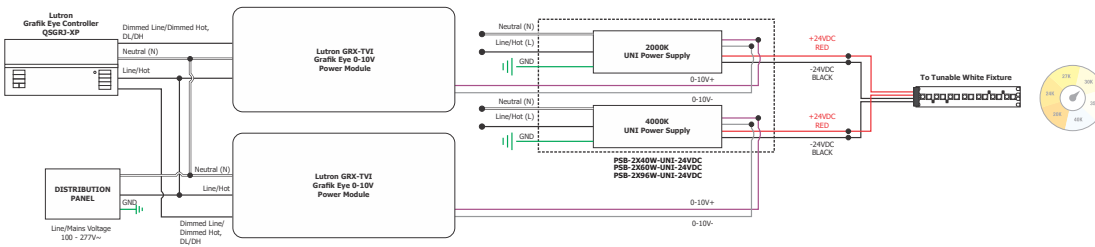
WIRING DIAGRAM: DMX Control with Lutron Grafik Eye Control Unit



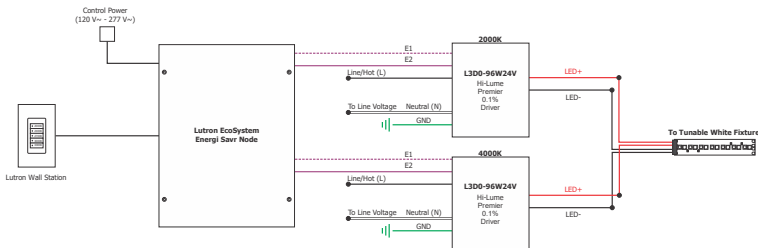
WIRING DIAGRAM: Line Voltage Dimming with Lutron Grafik Eye Control Unit



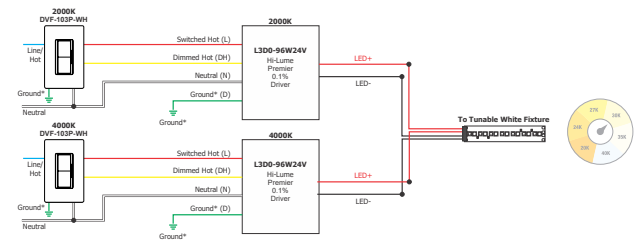
WIRING DIAGRAM: 0-10V Dimming with Lutron Grafik Eye Control Unit or Wall box controller



WIRING DIAGRAM: 2-Wire EcoSystem Panel



WIRING DIAGRAM: 3-Wire EcoSystem Wall Box



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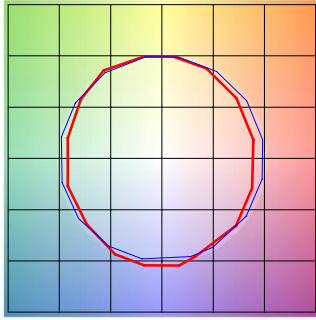
SUSPENSION TM30 DATA

DYNAMIC/TUNABLE CENTER FEED WOOD

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

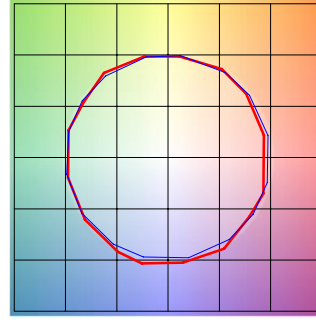


■ Test ■ Reference

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

Color Vector Graphic

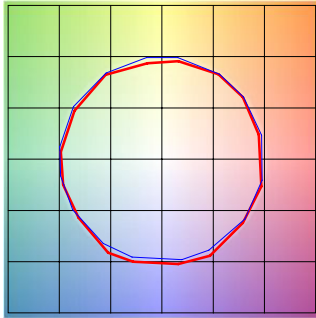


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	90.9	-3.8%	1.3%
2	91.7	-1.9%	3.3%
3	88.7	0.7%	5.1%
4	92.4	-1.0%	0.7%
5	92.9	0.9%	1.7%
6	93.1	3.3%	-0.6%
7	91.0	-1.8%	-0.4%
8	97.0	0.2%	-1.1%
9	92.8	-0.5%	3.6%
10	88.3	1.0%	7.0%
11	87.1	3.8%	7.8%
12	87.6	6.5%	-0.3%
13	89.3	3.6%	-6.3%
14	86.1	4.5%	-9.1%
15	91.6	-1.9%	-3.1%
16	83.8	-1.5%	-11.2%

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

Color Vector Graphic



■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	91.3	-2.5%	1.0%
2	95.3	-0.5%	0.5%
3	94.3	-0.7%	1.1%
4	91.1	-3.4%	-1.1%
5	89.5	-5.6%	0.0%
6	94.6	-1.4%	1.3%
7	93.2	-3.0%	2.6%
8	91.3	-1.8%	4.6%
9	86.5	-0.9%	9.1%
10	83.3	-0.5%	9.5%
11	83.3	4.9%	9.0%
12	89.7	4.1%	1.7%
13	90.1	3.6%	-4.3%
14	93.4	5.2%	-2.1%
15	87.4	0.4%	-4.3%
16	86.6	0.4%	-6.1%

PROJECT	FIXTURE TYPE	DATE
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GLIDE WOOD DOWNLIGHT

DYNAMIC/TUNABLE CENTER FEED WOOD

FreeJack Heads



FJ-SCO-1-PN
Fast Jack Scope LED
9W, 315 lumens 3000K
(adjustable beam spread
from 20°-50°)
Fixture Finishes: SN, PN, BZ, WH



FJ-PST-SP-1-30K-SN
Fast Jack Piston
9W, 650 lumens
SP 15°, NF 25°, FL 35°
& WF 45° Beam Spreads
Fixture Finishes: SN, WH



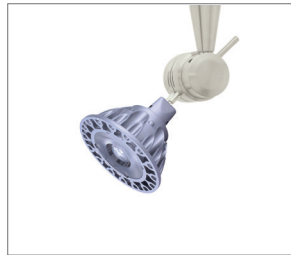
FJ-FOR-SQ-3-PN
FJ-FOR-RD-3-PN
Fast Jack Form Round or Square
Fixture Finishes: SN, PN



FJ-FOR-2RD-3-SN
FJ-FOR-2SQ-3-PN
Fast Jack Form
Round or Square 2-Head
Fixture Finishes: SN, PN



FJ-REB-1-PN
Fast Jack Rebel
Fixture Finishes: SN, PN, BZ, WH



FJ-CHO-1-SN
Fast Jack Chopper with LED
Fixture Finishes: SN, PN, BZ



FJ-SPI-3-PN with S1-PN
Fast Jack Spirit, S1 Shade
Fixture Finishes: SN, PN, BZ
S1 Shade Finishes: SN, PN, BZ, BK



FJ-LOW-1-SN with S1-SN
Fast Jack Low Rider, S1 Shade
Fixture Finishes: SN, PN, BZ
S1 Shade Finishes: SN, PN, BZ, BK

FAST JACK FIXTURE & SHADE FINISHES

SN Satin Nickel	PN Polished Nickel	BZ Antique Bronze	WH White	BK Black
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12VAC LED MR16

SOL LIGHT WARM DIM

Brand	Ordering Code	Watts	CRI	R9	Beam Angle (Degrees)	Lamp Life (Hours)	CCT Warm Dim	Total Lumens	Lumens Per Watt	Voltage	Certification	Halogen Equivalent
 PureEdge Lighting	MR16-12V-8W-FL-27KWD-SL	8	97+	85	36	30,000	2700K dims to 1800K	427	55	12V	Title 24 Compliant, low flicker <1% CE, UL, NOM	50
	MR16-12V-8W-FL-30KWD-SL	8	97+	85	36	30,000	3000K dims to 1800K	450	58	12V	Title 24 Compliant, low flicker <1% CE, UL, NOM	50
	MR16-12V-8W-NF-27KWD-SL	8	97+	85	24	30,000	2700K dims to 1800K	390	50	12V	Title 24 Compliant, low flicker <1% CE, UL, NOM	50
	MR16-12V-8W-NF-30KWD-SL	8	97+	85	24	30,000	3000K dims to 1800K	410	53	12V	Title 24 Compliant, low flicker <1% CE, UL, NOM	50

SORAA BRILLIANT HIGH LUMEN 2700K COLOR TEMPERATURE

Brand	Ordering Code	Watts	CRI	R9	Beam Angle (Degrees)	Lamp Life (Hours)	CBCP	Total Lumens	Lumens Per Watt	Voltage	Certification	Halogen Equivalent
 SORAA Brilliant HL	SM16-07-10D-927-03*	8	95	95	10	35,000	5,710	390	52	12V +/- 1.2V	JAB-2016-E, UL/CUL Class 2 and non-Class 2, FCC Title 47 Part 15B, RoHS, CE	50
	SM16-07-10D-930-03*	8	95	95	10	35,000	6,000	410	55	12V +/- 1.2V	JAB-2016-E, UL/CUL Class 2 and non-Class 2, FCC Title 47 Part 15B, RoHS, CE	50
	SM16-09-25D-927-03	9	95	95	25	35,000	2,570	465	52	12V +/- 1.2V	JAB-2016-E, UL/CUL Class 2 and non-Class 2, FCC Title 47 Part 15B, RoHS, CE	60
	SM16-09-25D-930-03	9	95	95	25	35,000	2,700	490	54	12V +/- 1.2V	JAB-2016-E, UL/CUL Class 2 and non-Class 2, FCC Title 47 Part 15B, RoHS, CE	60
	SM16-09-36D-927-03	9	95	95	36	35,000	1,210	465	52	12V +/- 1.2V	JAB-2016-E, UL/CUL Class 2 and non-Class 2, FCC Title 47 Part 15B, RoHS, CE	60
	SM16-09-36D-930-03	9	95	95	36	35,000	1,280	490	54	12V +/- 1.2V	JAB-2016-E, UL/CUL Class 2 and non-Class 2, FCC Title 47 Part 15B, RoHS, CE	60

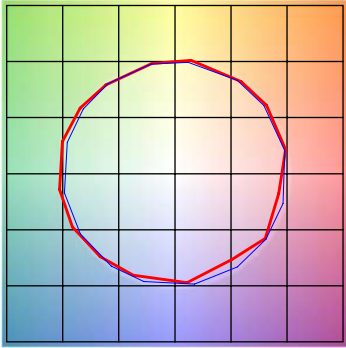
*Use with Snap Lens

PROJECT	FIXTURE TYPE	DATE
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SORAA VIVID MR16 36° FL

3000K | Rf: 90.4 | Rg: 99.5

Color Vector Graphic



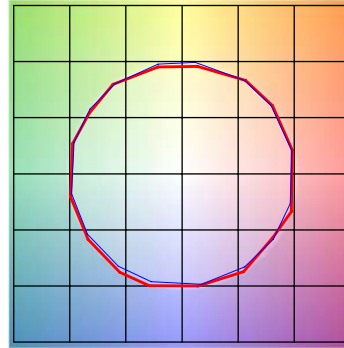
■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	94.4	1.0%	0.8%
2	94.6	2.1%	-1.1%
3	91.9	1.1%	-3.3%
4	91.9	2.1%	-2.1%
5	93.9	0.4%	-0.9%
6	95.2	0%	1.9%
7	93.4	2.7%	-0.7%
8	92.7	4.2%	0.1%
9	90.5	3.6%	-3.9%
10	84.3	2.3%	-9.2%
11	81.3	2.3%	-12.7%
12	81.3	-3.6%	-10.3%
13	90.5	-2.5%	-6.2%
14	88.5	-8.2%	-0.4%
15	96.2	-1.0%	0.3%
16	86.6	-5.4%	8.2%

SOL-LIGHT WARM DIM MR16 36° FL

3000K | Rf: 94.2 | Rg: 101.2

Color Vector Graphic



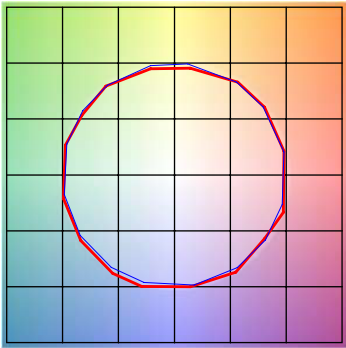
■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	96.0	0.3%	0.7%
2	96.8	0.9%	-0.8%
3	95.6	0.5%	-0.8%
4	93.1	-3.2%	-2.7%
5	95.7	-2.4%	0.4%
6	96.8	0.4%	1.6%
7	92.4	-1.4%	3.5%
8	96.8	1.2%	1.2%
9	94.0	1.4%	3.1%
10	92.6	2.1%	3.9%
11	92.2	3.7%	3.9%
12	92.4	3.9%	-0.9%
13	94.7	0.9%	-3.3%
14	93.4	3.0%	-3.2%
15	93.6	-1.1%	0.9%
16	90.2	2.4%	-6.7%

SORAA VIVID MR16 25° NFL

3000K | Rf: 94.0 | Rg: 101.0

Color Vector Graphic



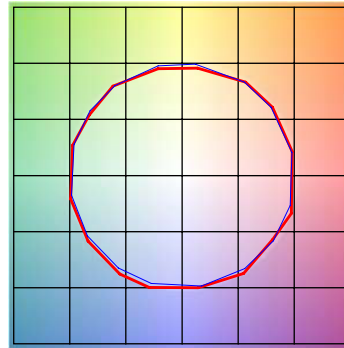
■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	95.9	0.3%	0.8%
2	96.8	0.8%	-0.9%
3	95.5	0.4%	-0.9%
4	92.7	-3.4%	-2.9%
5	95.6	-2.7%	0.4%
6	96.8	0.1%	1.6%
7	92.2	-1.6%	3.7%
8	96.6	1.1%	1.5%
9	93.7	1.4%	3.3%
10	92.4	2.2%	4.1%
11	92.2	3.8%	3.8%
12	92.4	3.9%	-1.1%
13	94.4	0.8%	-3.6%
14	93.3	2.8%	-3.4%
15	93.4	-1.4%	0.9%
16	90.3	2.2%	-6.7%

SOL-LIGHT WARM DIM MR16 24° NFL

3000K | Rf: 94.2 | Rg: 101.2

Color Vector Graphic



■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	95.9	0.3%	0.8%
2	96.8	0.8%	-0.9%
3	95.5	0.4%	-0.9%
4	92.7	-3.4%	-2.9%
5	95.6	-2.7%	0.4%
6	96.8	0.1%	1.6%
7	92.2	-1.6%	3.7%
8	96.6	1.1%	1.5%
9	93.7	1.4%	3.3%
10	92.4	2.2%	4.1%
11	92.2	3.8%	3.8%
12	92.4	3.9%	-1.1%
13	94.4	0.8%	-3.6%
14	93.3	2.8%	-3.4%
15	93.4	-1.4%	0.9%
16	90.3	2.2%	-6.7%

PROJECT	FIXTURE TYPE	DATE
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