

CIRRUS SUSPENSION T1

TUBULAR T1 DYNAMIC/TUNABLE WHITE DOWNLIGHT, CENTER FEED

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 06.04.20



DESCRIPTION

Cirrus T1 Suspension Downlight Center feed with Dynamic/Tunable White is a linear LED fixture that offers soft yet clean illumination through a Diffused White Tubular Lens with a 176° Beam Spread. 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 (Ordered separately). Available in various incremental lengths from 36" – 120" with several metal finish options. Order **CSD_P** with power supplies included in the Canopy or **CSD_R** remote power supplies sold separately. Optional Fast Jack 12V Port Canopy (**C1**) for mounting Fast Jack fixtures to easily accommodate a variety of moods and tasks. Fixture includes a 5-year pro-rated warranty. For custom lengths and quotes, email our design team design@PureEdgeLighting.com.

LAMPING:

Tunable White: 2000K-4000K. At 2700K, 236 lumens per foot for 5W
525 Lumens per foot for 10W.

Average LED life: 60,000 hrs @ normal usage

ELECTRICAL:

CST1P: Power Supplies in Canopy
Power: 120VAC/24V 2x Uni-Drivers Optional Fast Jack Power Supply; 12VAC electronic low voltage LED power supply
Dimming*: Dual ELV, Triac (Magnetic) or 0-10V
Average LED life: 60,000 hrs @ normal usage
CST1R: Remote Power Supply Options
Power: 24VDC Class 2 wiring, 2x UNIVERSAL Remote Power Supplies (Sold separately, pgs 5-8). Optional Fast Jack Power Supply; 12VAC electronic low voltage LED power supply.

Power Consumed: 5 or 10 watts per foot

*Dimmers not Included

LUMEN PERFORMANCE FOR 5W:

Tunable White: 2000K-4000K
Lumen Output: 236 Lm/Ft
Efficiency: 51 Lm/Ft
CRI: 95+
Beam Angle: 140 degrees

PHYSICAL ATTRIBUTES:

Lens: Tubular Diffused White 176° Beam Spread
Canopy: Includes a 12" Rectangle Canopy used for sizes 36"-96", or a 26" Rectangle is used for sizes 99"-120"; Optional Fast Jack 12V Port (C1) for mounting Fast Jack 12V fixtures
Mounting: Includes adjustable 12' Coaxial Cables (additional Aircraft Cables included for support when fixture exceeds 72")

DIMMERS & CONTROLS (SOLD SEPARATELY)

- UNI Driver with Universal Dimming (TRIAC, ELV, 0-10V) with corresponding dimmer
- DMX: Dynamic Color Changing In-Wall Mounting
- 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

WARRANTY: 5 Year Pro-Rated

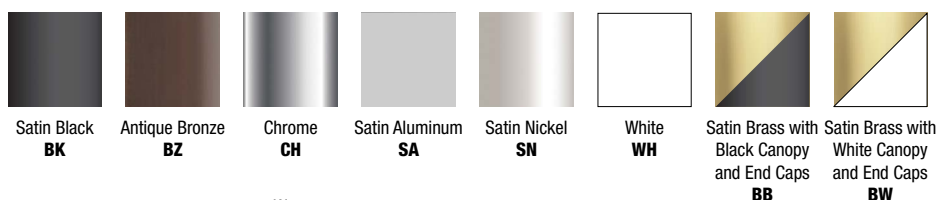
APPROVALS:

Class 2 Wiring up to 100 watts, Damp Location Suitable, ETL listed.
Title 24 with Universal Power Supply, 0-10V or Lutron power supplies,
Made in America

APPLICATIONS

Indoor Damp Location - Ideal applications in Residential, Commercial, Retail, and Hospitality environments

FINISHES



System	Wattage Per Foot	Canopy	Nominal Size (Inches)	Color Temperature	Finish
CST1P	5W	C	120	2K4K	SN
CST1P Cirrus Suspension Tubular 1 Lens, with Power	5W 5 Watts 10W 10 Watts	C Center Feed C1 Center Feed with Fast Jack Port	36-120 Order in various increments from 36"-120". Maximum shipping length for Chrome is 84".	2K4K 2000K-4000K Tunable White	BK Satin Black BZ Antique Bronze CH Chrome SA Satin Aluminum SN Satin Nickel WH White BB Satin Brass with Black Canopy and End Caps BW Satin Brass with White Canopy and End Caps

*See length chart on pg 2 for exact dimensions

PROJECT	FIXTURE TYPE	DATE
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CIRRUS SUSPENSION T1

TUBULAR T1 DYNAMIC/TUNABLE WHITE DOWNLIGHT, CENTER FEED

NOMINAL LAMP DATA: Lamp data for the Cirrus Suspension T1

WATTS PER FOOT	CST1P											
	5W						10W					
COLOR TEMPERATURE	20K	24K	27K	30K	35K	40K	20K	24K	27K	30K	35K	40K
LUMENS PER FOOT (lm/ft)	154	188	236	209	178	145	298	364	525	573	656	760
LUMENS PER WATT (lm/w)	48	50	51.3	52.4	54.4	56.4	48	50	51.3	52.4	54.4	56.4
CRI	85+	90+	95+	95+	84	84	85+	90+	95+	95+	84	84



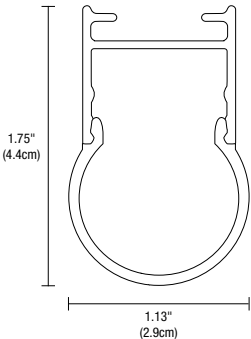
DIFFUSED WHITE LENS



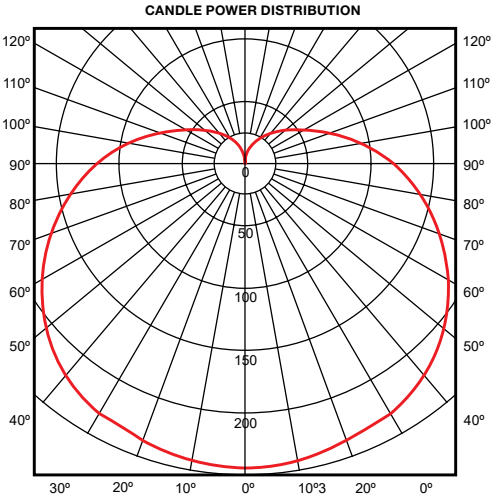
C1 CANOPY, SHOWN WITH FJ PISTON IN SATIN NICKEL (FJ PISTON SOLD SEPARATELY)

8', 176° AT 3000K

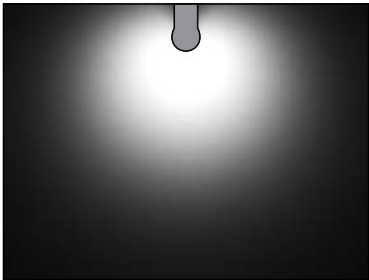
5 Watt 100°	
Distance	Foot Candles
1'	110
1.5'	71
2'	54
3'	36
4'	26
5'	19
6'	15
7'	12
8'	10



CIRRUS T1 LENS (ACTUAL SIZE)



176° BEAM SPREAD





CIRRUS SUSPENSION T1

TUBULAR T1 DYNAMIC/TUNABLE WHITE DOWNLIGHT, CENTER FEED



REV 06.04.20

LENGTH CHART Actual lengths for Cirrus Suspension T1

Ordering Code (Nominal Size)	5 W (2K4K)					10 W (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)		
	2K Watts	4K Watts	Power Supply	2K4K DMX Wattage	Power Supply	2K Watts	4K Watts	Power Supply	2K4K DMX Wattage	Power Supply
36	15	15	PSB-2x40W-UNI-24VDC	15	PSB-100W-24VDC-2XK	30	30	PSB-2x40W-UNI-24VDC	30	PSB-100W-24VDC-2XK
39	16	16	PSB-2x40W-UNI-24VDC	16	PSB-100W-24VDC-2XK	32	32	PSB-2x40W-UNI-24VDC	32	PSB-100W-24VDC-2XK
41	17	17	PSB-2x40W-UNI-24VDC	17	PSB-100W-24VDC-2XK	34	34	PSB-2x40W-UNI-24VDC	34	PSB-100W-24VDC-2XK
44	18	18	PSB-2x40W-UNI-24VDC	18	PSB-100W-24VDC-2XK	37	37	PSB-2x40W-UNI-24VDC	37	PSB-100W-24VDC-2XK
46	19	19	PSB-2x40W-UNI-24VDC	19	PSB-100W-24VDC-2XK	38	38	PSB-2x40W-UNI-24VDC	38	PSB-100W-24VDC-2XK
48	20	20	PSB-2x40W-UNI-24VDC	20	PSB-100W-24VDC-2XK	40	40	PSB-2x60W-UNI-24VDC	40	PSB-100W-24VDC-2XK
51	21	21	PSB-2x40W-UNI-24VDC	21	PSB-100W-24VDC-2XK	42	42	PSB-2x60W-UNI-24VDC	42	PSB-100W-24VDC-2XK
53	22	22	PSB-2x40W-UNI-24VDC	22	PSB-100W-24VDC-2XK	44	44	PSB-2x60W-UNI-24VDC	44	PSB-100W-24VDC-2XK
56	23	23	PSB-2x40W-UNI-24VDC	23	PSB-100W-24VDC-2XK	47	47	PSB-2x60W-UNI-24VDC	47	PSB-100W-24VDC-2XK
58	24	24	PSB-2x40W-UNI-24VDC	24	PSB-100W-24VDC-2XK	48	48	PSB-2x60W-UNI-24VDC	48	PSB-100W-24VDC-2XK
60	25	25	PSB-2x40W-UNI-24VDC	25	PSB-100W-24VDC-2XK	50	50	PSB-2x60W-UNI-24VDC	50	PSB-100W-24VDC-2XK
63	26	26	PSB-2x40W-UNI-24VDC	26	PSB-100W-24VDC-2XK	52	52	PSB-2x60W-UNI-24VDC	52	PSB-100W-24VDC-2XK
65	27	27	PSB-2x40W-UNI-24VDC	27	PSB-100W-24VDC-2XK	54	54	PSB-2x60W-UNI-24VDC	54	PSB-100W-24VDC-2XK
68	28	28	PSB-2x40W-UNI-24VDC	28	PSB-100W-24VDC-2XK	57	57	PSB-2x60W-UNI-24VDC	57	PSB-100W-24VDC-2XK
70	29	29	PSB-2x40W-UNI-24VDC	29	PSB-100W-24VDC-2XK	58	58	PSB-2x60W-UNI-24VDC	58	PSB-100W-24VDC-2XK
72	30	30	PSB-2x40W-UNI-24VDC	30	PSB-100W-24VDC-2XK	60	60	PSB-2x96W-UNI-24VDC	60	PSB-100W-24VDC-2XK
75	31	31	PSB-2x40W-UNI-24VDC	31	PSB-100W-24VDC-2XK	62	62	PSB-2x96W-UNI-24VDC	62	PSB-100W-24VDC-2XK
77	32	32	PSB-2x40W-UNI-24VDC	32	PSB-100W-24VDC-2XK	64	64	PSB-2x96W-UNI-24VDC	64	PSB-100W-24VDC-2XK
80	33	33	PSB-2x40W-UNI-24VDC	33	PSB-100W-24VDC-2XK	67	67	PSB-2x96W-UNI-24VDC	67	PSB-100W-24VDC-2XK
82	34	34	PSB-2x40W-UNI-24VDC	34	PSB-100W-24VDC-2XK	68	68	PSB-2x96W-UNI-24VDC	68	PSB-100W-24VDC-2XK
84*	35	35	PSB-2x40W-UNI-24VDC	35	PSB-100W-24VDC-2XK	70	70	PSB-2x96W-UNI-24VDC	70	PSB-100W-24VDC-2XK
87	36	36	PSB-2x40W-UNI-24VDC	36	PSB-100W-24VDC-2XK	72	72	PSB-2x96W-UNI-24VDC	72	PSB-100W-24VDC-2XK
89	37	37	PSB-2x40W-UNI-24VDC	37	PSB-100W-24VDC-2XK	74	74	PSB-2x96W-UNI-24VDC	74	PSB-100W-24VDC-2XK
92	38	38	PSB-2x40W-UNI-24VDC	38	PSB-100W-24VDC-2XK	77	77	PSB-2x96W-UNI-24VDC	77	PSB-100W-24VDC-2XK
94	39	39	PSB-2x40W-UNI-24VDC	39	PSB-100W-24VDC-2XK	78	78	PSB-2x96W-UNI-24VDC	78	PSB-100W-24VDC-2XK
96	40	40	PSB-2x60W-UNI-24VDC	40	PSB-100W-24VDC-2XK	80	80	PSB-2x96W-UNI-24VDC	80	PSB-100W-24VDC-2XK
99	41	41	PSB-2x60W-UNI-24VDC	41	PSB-100W-24VDC-2XK	82	82	PSB-2x96W-UNI-24VDC	82	PSB-100W-24VDC-2XK
101	42	42	PSB-2x60W-UNI-24VDC	42	PSB-100W-24VDC-2XK	84	84	PSB-2x96W-UNI-24VDC	84	PSB-100W-24VDC-2XK
104	43	43	PSB-2x60W-UNI-24VDC	43	PSB-100W-24VDC-2XK	87	87	PSB-2x96W-UNI-24VDC	87	PSB-100W-24VDC-2XK
106	44	44	PSB-2x60W-UNI-24VDC	44	PSB-100W-24VDC-2XK	88	88	PSB-2x96W-UNI-24VDC	88	PSB-100W-24VDC-2XK
108	45	45	PSB-2x60W-UNI-24VDC	45	PSB-100W-24VDC-2XK	90	90	PSB-2x96W-UNI-24VDC	90	PSB-100W-24VDC-2XK
111	46	46	PSB-2x60W-UNI-24VDC	46	PSB-100W-24VDC-2XK	92	92	PSB-2x96W-UNI-24VDC	92	PSB-100W-24VDC-2XK
113	47	47	PSB-2x60W-UNI-24VDC	47	PSB-100W-24VDC-2XK	94	94	PSB-2x96W-UNI-24VDC	94	PSB-100W-24VDC-2XK
116	48	48	PSB-2x60W-UNI-24VDC	48	PSB-100W-24VDC-2XK	97	97	PSB-2x96W-UNI-24VDC	97	PSB-100W-24VDC-2XK
118	49	49	PSB-2x60W-UNI-24VDC	49	PSB-100W-24VDC-2XK	98	98	PSB-2x96W-UNI-24VDC	98	PSB-100W-24VDC-2XK
120**	50	50	PSB-2x60W-UNI-24VDC	50	PSB-100W-24VDC-2XK	100	100	PSB-2x96W-UNI-24VDC	100	PSB-100W-24VDC-2XK

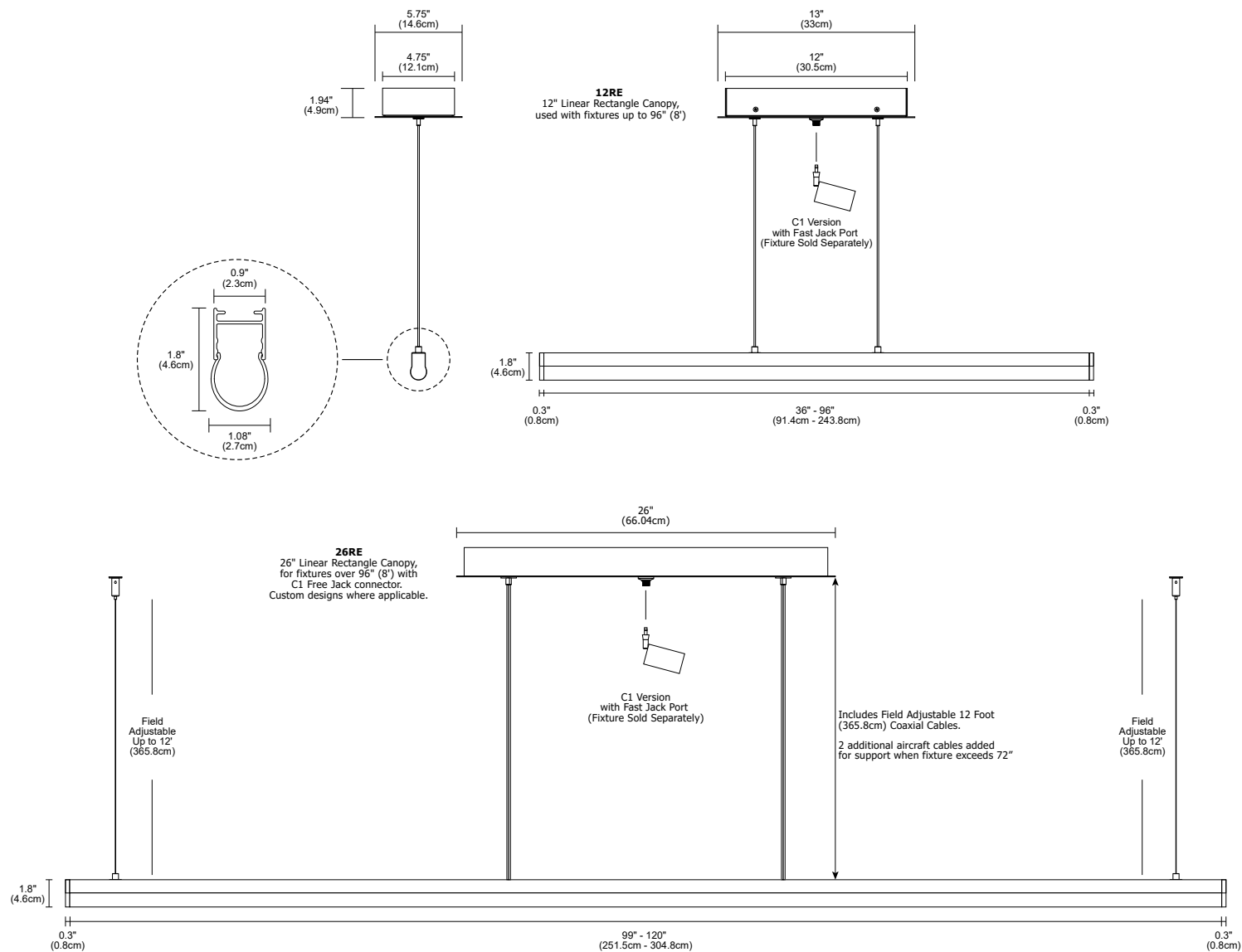
*Maximum Chrome Shipping Length **Maximum Shipping Lengths

PROJECT		FIXTURE TYPE		DATE	
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CIRRUS SUSPENSION T1

TUBULAR T1 DYNAMIC/TUNABLE WHITE DOWNLIGHT, CENTER FEED

DRAWINGS Dimension drawings for Cirrus Suspension T1



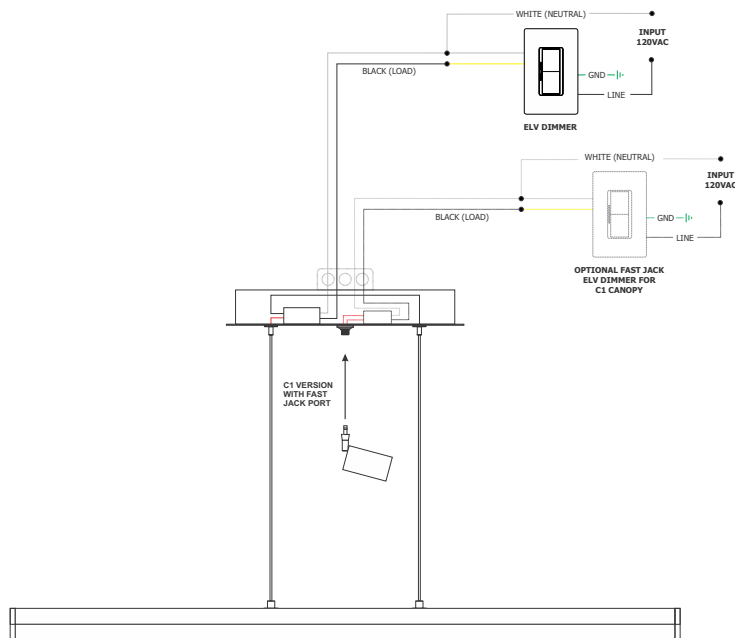
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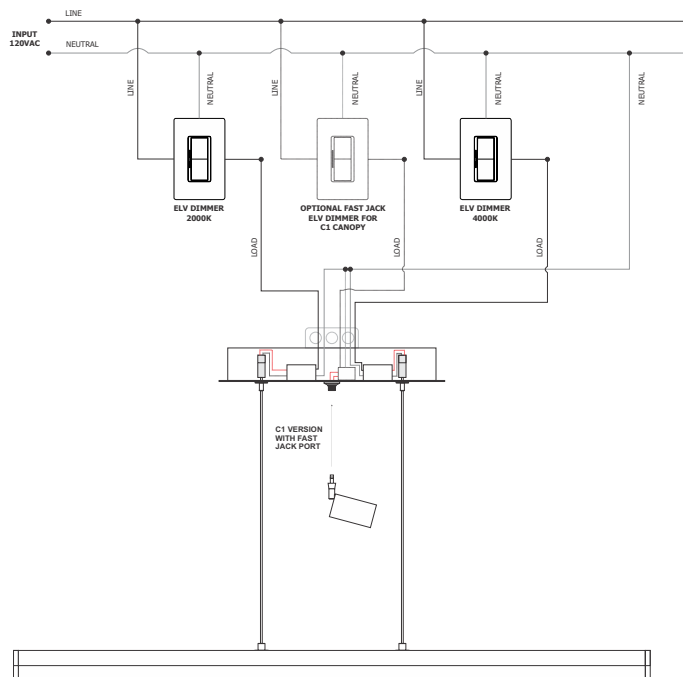
WIRING DIAGRAM Wiring Diagram for Static White with ELV Dimmer

APPLICATION ELV dimming for Cirrus T1 Power Suspension, Center Feed Canopy, Static White
DIMMING Dimmable with ELV dimmer: Legrand, Adorne ADTP703TU
 Lutron: Diva DVELV-300P, Skylark SELVz-300P, Maestro MAELV-600 and Radio Ra 2



WIRING DIAGRAM Wiring Diagram for Tunable White

APPLICATION ELV dimming for Cirrus T1 Power Suspension, Center Feed Canopy, Tunable White 2000K-4000K
DIMMING Dimmable with 0-10 dimmer: Philips: Sunrise SR1200ZTUNV; Lutron: Diva DVTW-WH, Nova-T NTSTV-DV-XX, Grafix Eye QS QSGRJ-XP, Radio RA2 RRD-1-ND; Leviton: LEV40050, IP710-LFZ; Legrand ADPD4FBL3P2W4



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

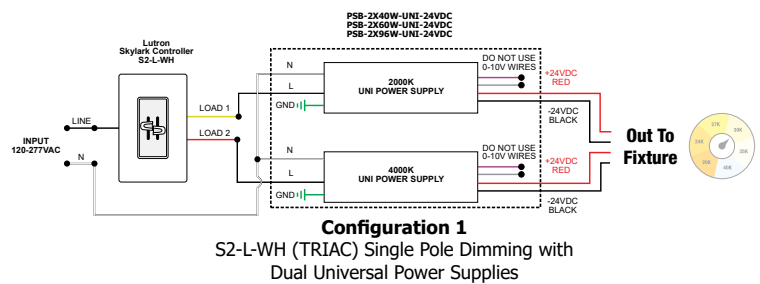
UNIVERSAL POWER SUPPLIES & RECOMMENDED DIMMERS†				
ORDERING CODE	PSB-2X40W-UNI-24VDC	PSB-2X60W-UNI-24VDC	PSB-2X96W-UNI-24VDC	PSB-4X96W-UNI-24VDC
				
SPECIFICATIONS				
MAXIMUM LOAD	2X40W	2X60W	2X96W	4X96W
INPUT VOLTAGE	120-277VAC	120-277VAC	120-277VAC	120-277VAC
OUTPUT VOLTAGE	24VDC	24VDC	24VDC	24VDC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

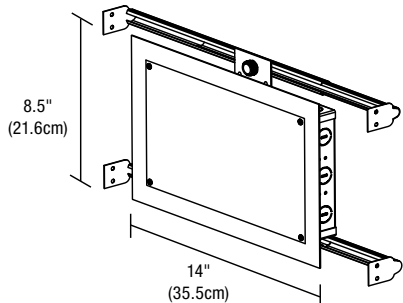
- The Solid State Constant Voltage Uni-Power Supply is compatible with most commercially available Dimmers:
 - Triac Dimmer: (Forward Phase) Typically used for the dimming of Incandescent and Low Voltage Magnetic Transformers
 - ELV Dimmer: (Reverse Phase) Dimming of Electronic Low Voltage Transformers 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



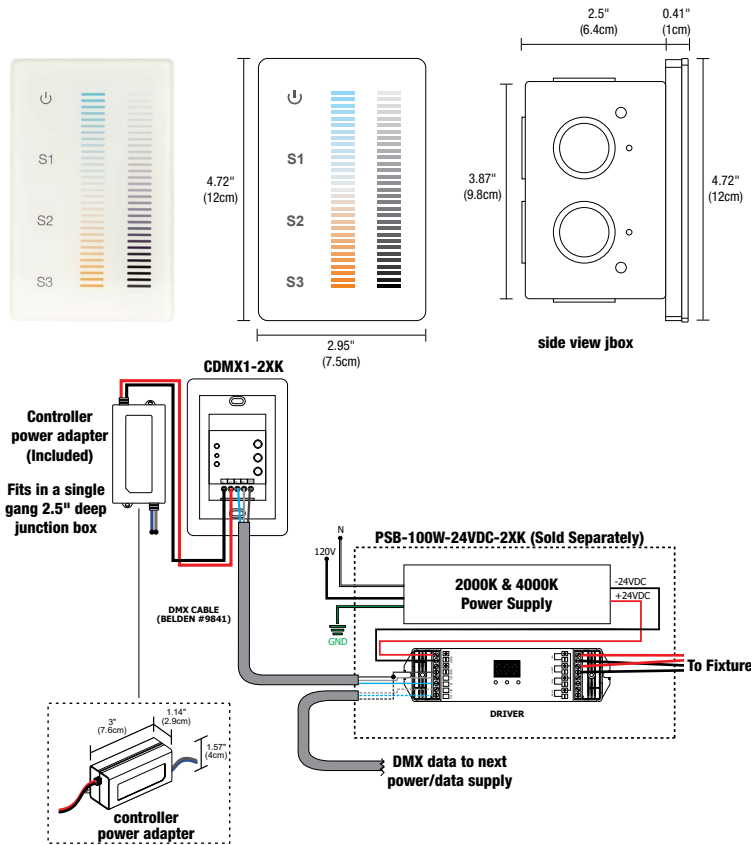
IN WALL MOUNTING OPTIONS



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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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

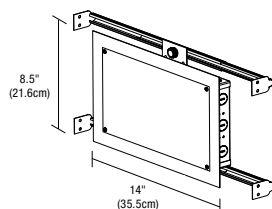
DYNAMIC COLOR CHANGING (DMX) POWER SUPPLIES & RECOMMENDED CONTROLLERS*

ORDERING CODE	PSB-100W-24VDC-2XK	PSB-2X100W-24VDC-2XK	PSB-3X100W-24VDC-2XK	PSB-4X100W-24VDC-2XK
				
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 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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INDOOR CONSTANT VOLTAGE REMOTE POWER SUPPLIES

24VDC, LUTRON ECOSYSTEM

REV 06.04.20

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	•	•	•

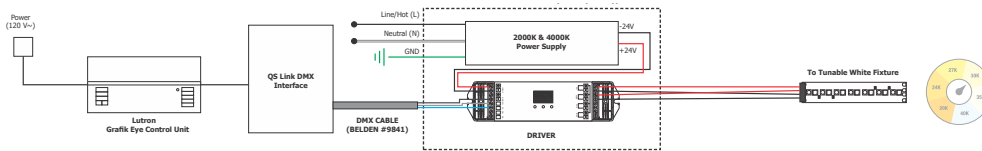
†24K - 57K color temperatures are compatible with 0-10V, ELV, and Lutron Hi-Lume® Power Supplies. Warm Dim (27D, 30D) color temperatures are only compatible with ELV power supplies.

*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.

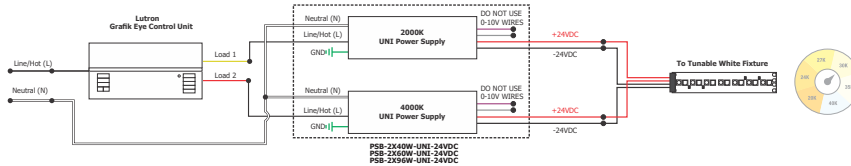
**Tunable White (2K4K) uses one or two power supplies, dependent on the controller or dimmer(s) used.

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.

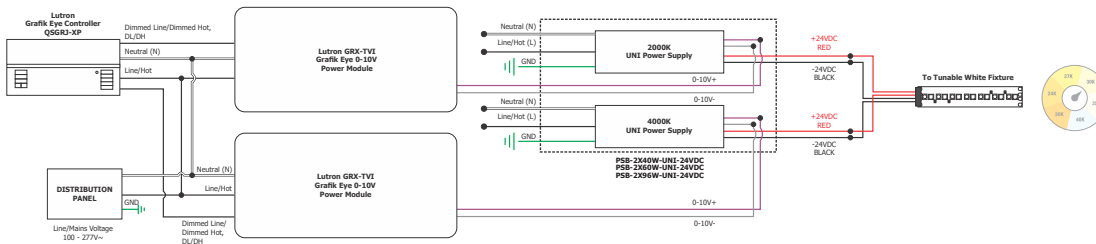
WIRING DIAGRAM: DMX Control with Lutron Grafik Eye Control Unit



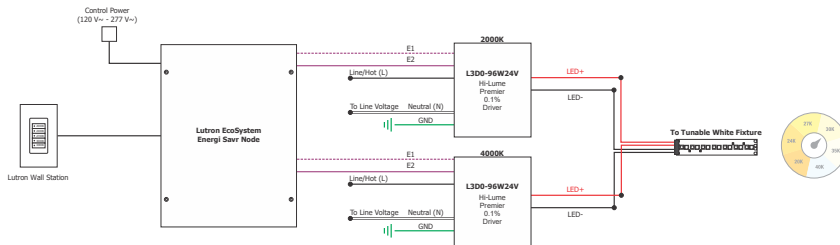
WIRING DIAGRAM: Line Voltage Dimming with Lutron Grafik Eye Control Unit



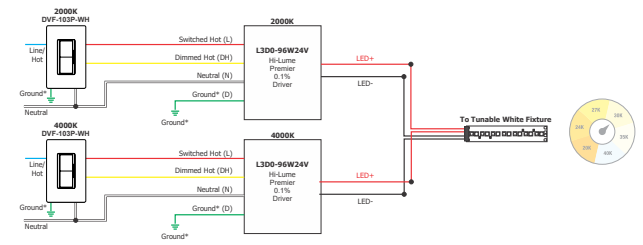
WIRING DIAGRAM: 0-10V Dimming with Lutron Grafik Eye Control Unit or Wall box controller



WIRING DIAGRAM: 2-Wire EcoSystem Panel



WIRING DIAGRAM: 3-Wire EcoSystem Wall Box

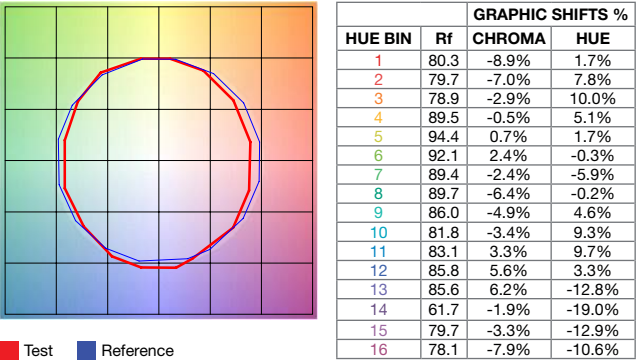


PROJECT	FIXTURE TYPE	DATE
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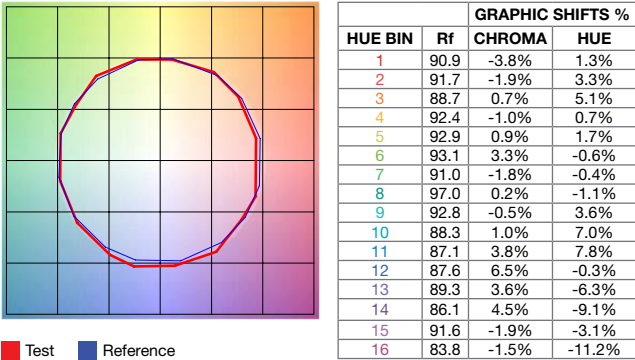
SUSPENSION TM30 DATA
TUBULAR T1 DYNAMIC/TUNABLE WHITE DOWNLIGHT, CENTER FEED

TM-30-15 DATA: The data below is for SS2C, 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



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



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

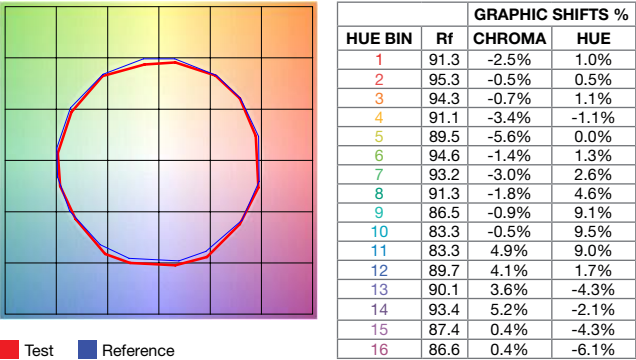


Table with 4 columns: PROJECT, FIXTURE TYPE, DATE, and an empty column.

CIRRUS SUSPENSION T1

TUBULAR T1 DYNAMIC/TUNABLE WHITE DOWNLIGHT, CENTER FEED



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-SN
 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-SPI-3-PN with S1-PN
 Fast Jack Spirit, 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

PROJECT		FIXTURE TYPE		DATE	
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12VAC LED MR16

REV 06.04.20

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
	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-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-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
	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

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
	SM16-07-10D-827-H1*	8	90	80	10	35,000	8,000	575	77	12V +/- 1.2V	Title 20 certification pending, UL/CUL Class 2 and non-Class 2, FCC Title 47 Part 15B, RoHS, CE	75
	SM16-07-25D-827-H1	8	90	80	25	35,000	3,710	600	80	12V +/- 1.2V	Title 20 certification pending, UL/CUL Class 2 and non-Class 2, FCC Title 47 Part 15B, RoHS, CE	75
	SM16-07-36D-827-H1	8	90	80	36	35,000	1,550	600	80	12V +/- 1.2V	Title 20 certification pending, UL/CUL Class 2 and non-Class 2, FCC Title 47 Part 15B, RoHS, CE	75

*Use with Snap Lens

SORAA VIVID 2700K COLOR TEMPERATURE INDOOR/OUTDOOR

Brand	Ordering Code	Watts	CRI	R9	Beam Angle (Degrees)	Lamp Life (Hours)	CCT Warm Dim	Total Lumens	Lumens Per Watt	Voltage	Certification	Halogen Equivalent
	SM16-07-10d-927-03*	8	95	95	10	35,000	5,710	390	52	12V +/- 1.2V	JA8-2016-E, UL/CUL Class 2 and non-Class 2, FCC Title 47 Part 15B, RoHS, CE	50
	SM16-07-25D-927-03	8	95	95	25	35,000	2,260	410	55	12V +/- 1.2V	JA8-2016-E, UL/CUL Class 2 and non-Class 2, FCC Title 47 Part 15B, RoHS, CE	50
	SM16-07-36D-927-03	8	95	95	36	35,000	1,070	410	55	12V +/- 1.2V	JA8-2016-E, UL/CUL Class 2 and non-Class 2, FCC Title 47 Part 15B, RoHS, CE	50

*Use with Snap Lens

SORAA HEALTHY

Brand	Ordering Code	Watts	CRI	R9	Beam Angle (Degrees)	Lamp Life (Hours)	CCT Warm Dim	Total Lumens	Lumens Per Watt	Voltage	Certification	Halogen Equivalent
	SH-MR16-07-36D-27-01-X2	8	80	90	36	25,000	1,020	400	53	12V +/- 1.2V	UL/CUL, FCC Title 47 Part 15B, RoHS	50

SORAA BRILLIANT HIGH LUMEN 3000K COLOR TEMPERATURE

Brand	Ordering Code	Watts	CRI	R9	Beam Angle (Degrees)	Lamp Life (Hours)	CBCP	Total Lumens	Lumens Per Watt	Voltage	Certification	Halogen Equivalent
	SM16-07-10D-830-H1*	8	90	80	10	35,000	8,400	600	80	12V +/- 1.2V	Title 20 certification pending, UL/CUL Class 2 and non-Class 2, FCC Title 47 Part 15B, RoHS, CE	75
	SM16-07-25D-830-H1	8	90	80	25	35,000	3,300	630	84	12V +/- 1.2V	Title 20 certification pending, UL/CUL Class 2 and non-Class 2, FCC Title 47 Part 15B, RoHS, CE	75
	SM16-07-36D-830-H1	8	90	80	36	35,000	1,650	630	84	12V +/- 1.2V	Title 20 certification pending, UL/CUL Class 2 and non-Class 2, FCC Title 47 Part 15B, RoHS, CE	75

*Use with Snap Lens

PROJECT		FIXTURE TYPE		DATE	
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12VAC LED MR16

REV 06.04.20

SORAA VIVID 3000K COLOR TEMPERATURE MR16 INDOOR/OUTDOOR

Brand	Ordering Code	Watts	CRI	R9	Beam Angle (Degrees)	Lamp Life (Hours)	CCT Warm Dim	Total Lumens	Lumens Per Watt	Voltage	Certification	Halogen Equivalent
	SM16-07-10D-930-03*	8	95	95	10	35,000	6,000	410	55	12V +/- 1.2V	JA8-2016-E, UL/CUL Class 2 and non-Class 2, FCC Title 47 Part 15B, RoHS, CE	50
	SM16-07-25D-930-03	8	95	95	25	35,000	2,400	435	58	12V +/- 1.2V	JA8-2016-E, UL/CUL Class 2 and non-Class 2, FCC Title 47 Part 15B, RoHS, CE	50
	SM16-07-36D-930-03	8	95	95	36	35,000	1,130	435	58	12V +/- 1.2V	JA8-2016-E, UL/CUL Class 2 and non-Class 2, FCC Title 47 Part 15B, RoHS, CE	50

*Use with Snap Lens

SORAA VIVID 4000K COLOR TEMPERATURE MR16 INDOOR/OUTDOOR

Brand	Ordering Code	Watts	CRI	R9	Beam Angle (Degrees)	Lamp Life (Hours)	CBCP	Total Lumens	Lumens Per Watt	Voltage	Certification	Halogen Equivalent
	SM16-07-10D-940-03*	8	95	95	10	35,000	6,290	430	57	12V +/- 1.2V	JA8-2016-E, UL/CUL Class 2 and non-Class 2, FCC Title 47 Part 15B, RoHS, CE	50
	SM16-07-25D-940-03	8	95	95	25	35,000	2,510	455	61	12V +/- 1.2V	JA8-2016-E, UL/CUL Class 2 and non-Class 2, FCC Title 47 Part 15B, RoHS, CE	50
	SM16-07-36D-940-03	8	95	95	36	35,000	1,190	455	61	12V +/- 1.2V	JA8-2016-E, UL/CUL Class 2 and non-Class 2, FCC Title 47 Part 15B, RoHS, CE	50

*Use with Snap Lens

SATCO 3500K COLOR TEMPERATURE MR16 INDOOR/OUTDOOR

Brand	Ordering Code	Watts	CRI	R9	Beam Angle (Degrees)	Lamp Life (Hours)	CBCP	Total Lumens	Lumens Per Watt	Voltage	Certification	Halogen Equivalent
	S8637	8	90+	N/A	15	25,000	6,290	430	61	12	UL/CUL, FCC Title 47 Part 15B, RoHS, Lawful for sale in California	75
	S8642	8	90+	N/A	40	25,000	2,510	455	61	12	UL/CUL, FCC Title 47 Part 15B, RoHS, Lawful for sale in California	75

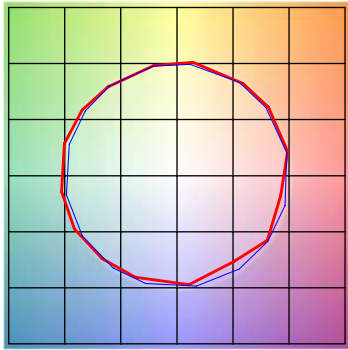
8MR16/LED/40°/35K/90CRI/12V 8 watt; LED MR16; 3500K; 40° beam spread; GU5.3 base; 12 volts. Features: Silver back MR16 reflector. Direct replacements for 75 watt Halogen lamps - uses only 8 watts. Dimmable. No UV or IR radiation. Approved for enclosed fixtures.

PROJECT		FIXTURE TYPE		DATE	
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SORAA VIVID MR16 36° FL

3000K | Rf: 90.4 | Rg: 99.5

Color Vector Graphic



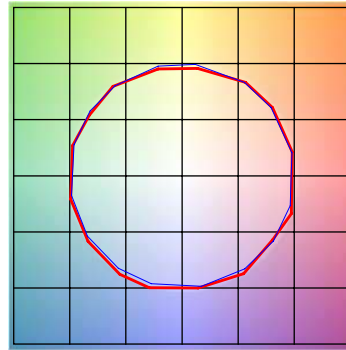
■ Test ■ Reference

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



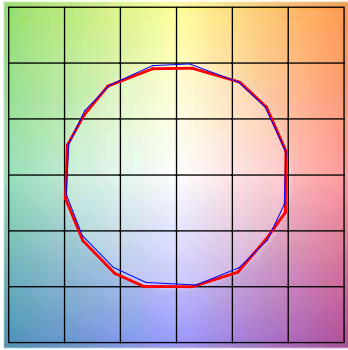
■ Test ■ Reference

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



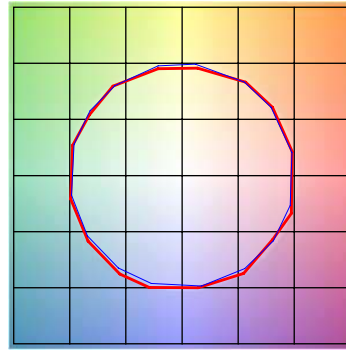
■ Test ■ Reference

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%