

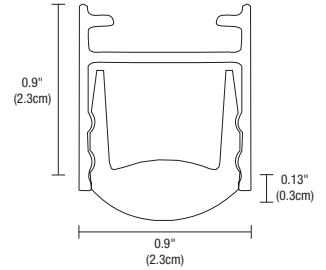
# CIRRUS CEILING WALL GRAZER WITH REMOTE POWER

REV 10.11.18

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA



CIRRUS WALL GRAZER  
(ACTUAL SIZE)



CIRRUS WALL GRAZER LENS  
(ACTUAL SIZE)

## DESCRIPTION

Cirrus Ceiling Wall Grazer is a linear LED fixture that offers direct light in a clean, contemporary style. Cirrus is available in various increments from 12"-420", a 10° or 20° beam spread, and a variety of finishes and color temperatures including Warm Dim, Tunable White and RGB options. Fixture includes a 5 year warranty. For custom designs and quotes, send drawings to [design@PureEdgeLighting.com](mailto:design@PureEdgeLighting.com)

Wattages for this fixture are available in the following options:

- 5W - 4.4 Watts per Foot, Lengths up to 420" (35')
- 7W - 7.3 Watts per Foot, Lengths up to 288" (24')

## INSTALLATION

- Mounts to a Standard Junction Box, pre-wired from 120V/24VDC Remote Power Supply up to 200 Watts (sold separately) placed maximum 40' away
- Includes your choice of Canopy: 1" Rectangle Junction Box or 4.6" Square Canopy
- Power Supply sold separately
- Includes Ceiling Lock Clips (to support for every 4')
- May be recessed in Ceiling, Perimeter, and Cove

## FINISHES

Chrome, Satin Aluminum, Satin Nickel, White, Antique Bronze, Satin Brass, and Satin Black

## LENSES

- Clear Lens with 10° Beam Spread
- Frosted Lens with 20° Beam Spread

## APPLICATIONS

Indoor - Kitchens, Dining Rooms, Hallways, Conference Rooms, Offices, Architectural, General, and Retail

## LAMPING

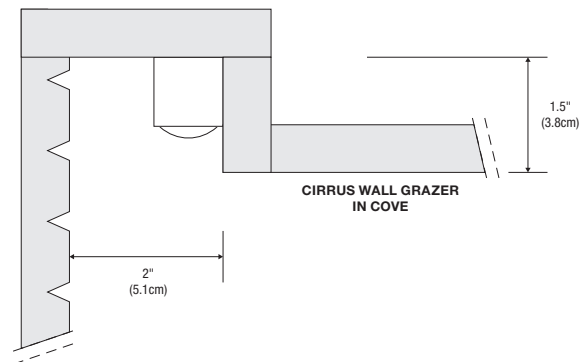
Choose from 10 Color Temperatures including Warm Dim, Tunable White, and RGB

- Warm Dim (optional): 2700K-2000K (27D) or 3000K-2000K (30D)
- Tunable White (optional): 2000K-4000K
- RGB (optional): Red, Green, and Blue
- 50,000 Hour Lamp Life

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

- Electronic Low Voltage Dimming (ELV): 100 Watt Class 2: 200 Watt UL2108
- 0-10 Volt Dimming (0-10V)
- DMX Dynamic Color Changing

\*In-Wall Mounting Kits available for select power supplies  
Dimmers not available through PureEdge Lighting



CIRRUS WALL GRAZER  
IN COVE

System	Lens	Wattage Per Foot	Canopy	Nominal Size	Color Temperature	Finish
<b>CCWG</b> Cirrus Ceiling Wall Grazer	<b>C</b> 10° Clear Lens <b>F</b> 20° Frosted Lens	<b>5W</b> 4.4 Watts (420" max, 35') <b>7W</b> 7.3 Watts (288" max, 24')	<b>1R</b> 1" Rectangle Canopy <b>4S</b> 4.6" Square Split Canopy	<b>12-420</b> Order in various increments from 12"-420" (Maximum shipping length, 120"). Maximum shipping length for Chrome is 84".  *See length chart for exact dimensions	<b>22K</b> 2200K Amber White <b>27K</b> 2700K Very Warm White <b>30K</b> 3000K Warm White <b>35K</b> 3500K Neutral White <b>40K</b> 4000K Cool White <b>57K</b> 5700K Daylight White <b>2K4K</b> 2000K-4000K Tunable White (5W only, 20' max) <b>RGB</b> Red, Green, Blue (5W only, 20' max)	<b>SN</b> Satin Black <b>BZ</b> Antique Bronze <b>CH</b> Chrome <b>SA</b> Satin Aluminum <b>SB</b> Satin Brass* <b>SN</b> Satin Nickel <b>WH</b> White  *Includes Black End Caps, Wires, and Canopy.

PROJECT	FIXTURE TYPE	DATE
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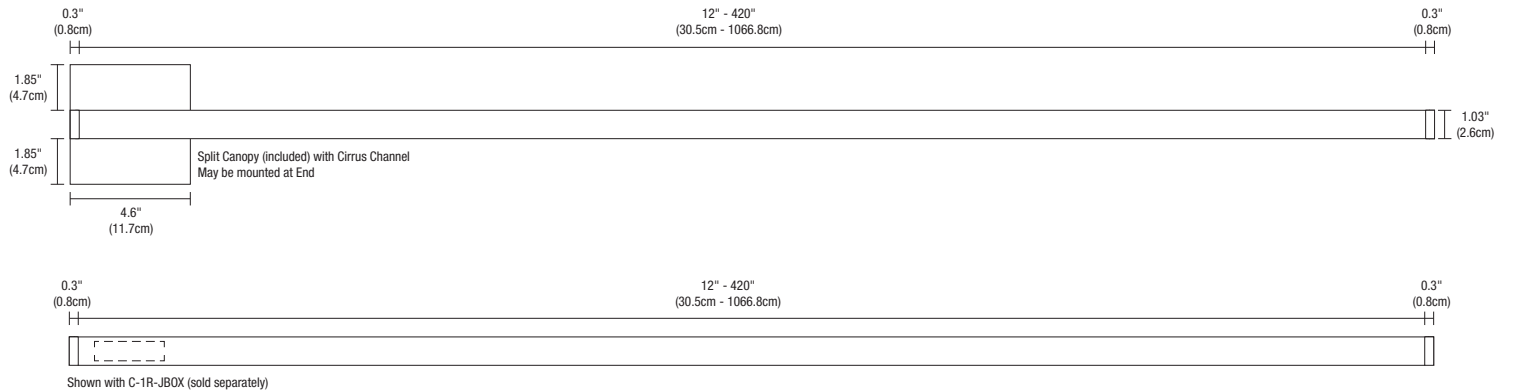
## LAMP DATA Lamp Data for Cirrus Ceiling Wall Grazer

CCWG						
DESCRIPTION	CIRRUS WALL GRAZER LENS					
WATTS PER FOOT	7W (7.3 watts)					
COLOR TEMPERATURE	22K	27K	30K	35K	40K	57K
LUMENS PER FOOT (lm/ft)	395	481	526	602	655	697
LUMENS PER WATT (lm/w)	54	66	72	83	90	95
CRI	85+	95+	95+	85+	84	84

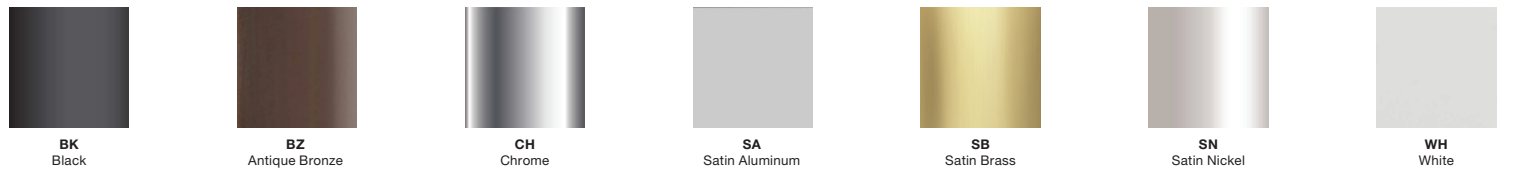
## LIGHT DATA Beam Spread & Foot Candle Data for Cirrus Ceiling Wall Grazer

30K 10° 5W CLEAR LENS			30K 10° 7W CLEAR LENS			30K 20° 5W FROSTED LENS			30K 20° 7W FROSTED LENS		
DISTANCE	BEAM	FOOT CANDLE	DISTANCE	BEAM	FOOT CANDLE	DISTANCE	BEAM	FOOT CANDLE	DISTANCE	BEAM	FOOT CANDLE
12"	2"	475	12"	2"	742	12"	4"	242	12"	4"	363
18"	3"	214	18"	3"	319	18"	6"	107	18"	6"	143
24"	4"	122	24"	4"	179	24"	8"	64	24"	8"	84
36"	6"	78	36"	6"	114	36"	12"	42	36"	12"	56

## DRAWINGS Canopy & Channel Drawings for Cirrus Ceiling Wall Grazer



## FINISHES The finishes available for Cirrus Ceiling Wall Grazer

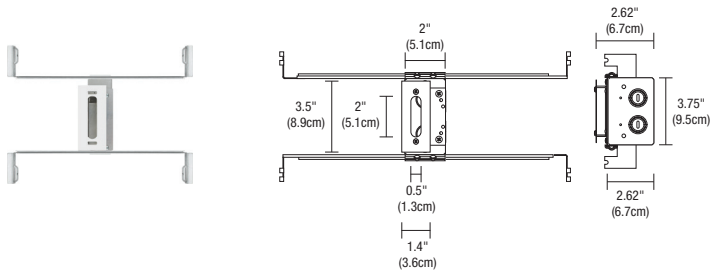


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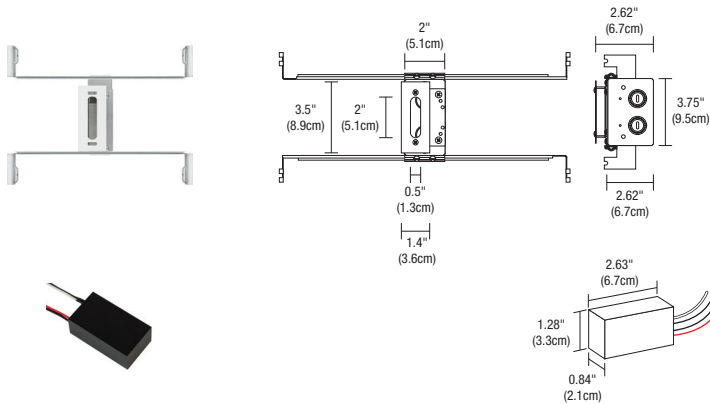
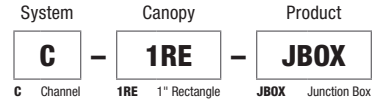
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**COMPONENTS** J-box, Split Canopies, & Mounting Clips are included and sold separately for replacement



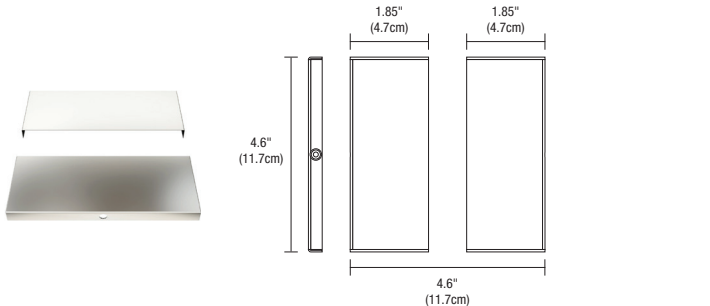
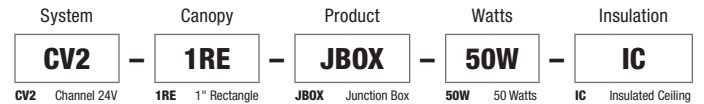
## 1" RECTANGLE CANOPY & J-BOX (INCLUDED WITH 1R SELECTED IN FIXTURE ORDERING CODE)

The Slim-Profile Junction Box with Hanger Bars mounts to studs spaced between 14.5" and 25" apart behind drywall. Allows low voltage DC wires from Remote Power Supply to connect to channel wires. The Junction Box opening is covered by the fixture for a clean, safe connection. Includes a Goof Plate, for poor plastering around J-box.



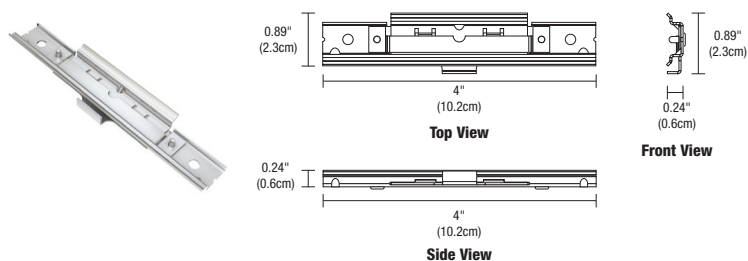
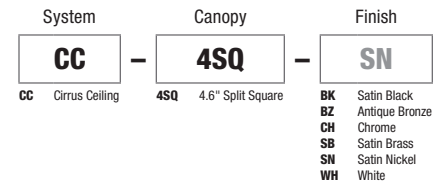
## 1" RECTANGLE CANOPY & J-BOX WITH 50W POWER SUPPLY (ORDER SEPARATELY)

The Slim-Profile Junction Box with Hanger Bars mounts to studs spaced between 14.5" and 25" apart behind drywall. Allows low voltage DC wires from included power supply to connect to channel wires. The Junction Box opening is covered by the fixture for a clean, safe connection. Rated 60 watts for Non-Insulated Ceiling or Wall Power Supply. Rated 50 watts for Insulated Ceiling. Includes a Goof Plate, for poor plastering around J-box.



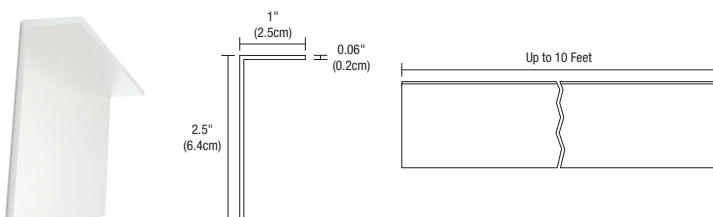
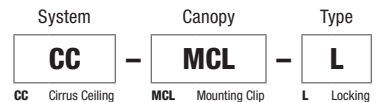
## 4" SQUARE SPLIT CANOPY (INCLUDED WITH 4S SELECTED IN FIXTURE ORDERING CODE)

The 4" Square Canopy fits on a standard 4" electrical box with round plaster ring. It fits flush along channel while covering Junction Box. The Canopy may float anywhere along the channel and comes in three finishes.



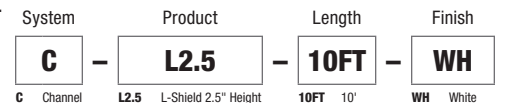
## CEILING MOUNTING LOCKING CLIP (INCLUDED)

Ceiling Mounting Locking Clips are provided with every 2' of Cirrus Channel and may be ordered separately as replacement parts. The channel slides into the clip and locks in place staying securely fastened to the ceiling.



## L-SHIELD

The Channel L-Shield mounts to the ceiling along the Cirrus Wall Wash or Cirrus Wall Grazer fixtures (with C-1RE-JBOX only) to shield light brightness from view.



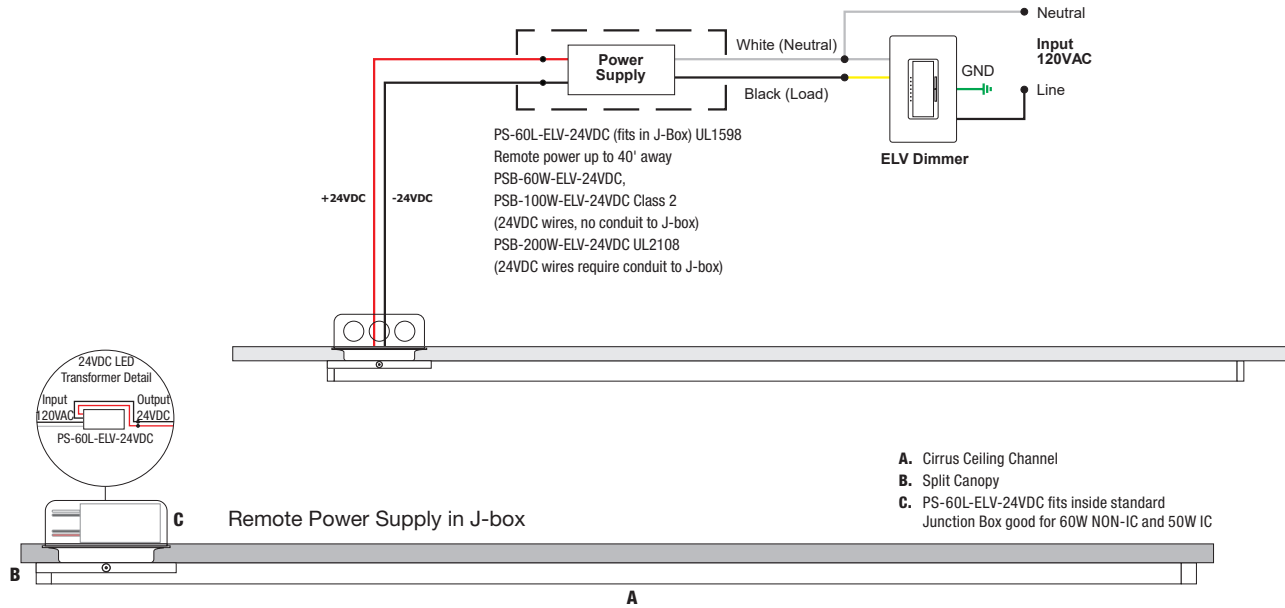
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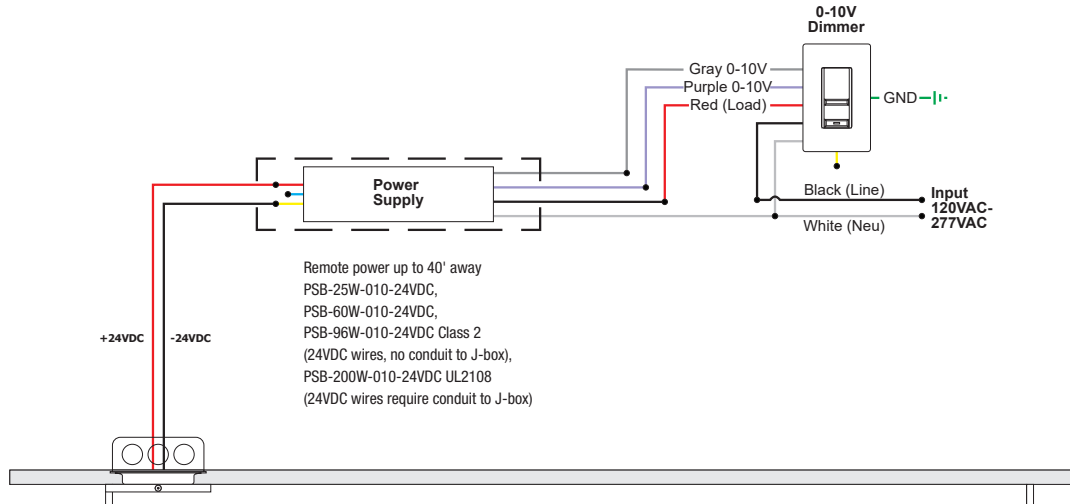
## WIRING DIAGRAM Wiring Diagram for Static White with ELV Dimmer

- APPLICATION** ELV dimming for Cirrus Ceiling Wall Grazer, Static White
- REMOTE POWER SUPPLY** Class 2: 24VDC output; 120VAC input | PS-60L-ELV-24VDC (fits in J-box) | PSB-60W-ELV-24VDC PSB-100W-ELV-24VDC | PSB-200W-ELV-24VDC UL2108
- 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 Static White with 0-10V Dimmer

- APPLICATION** 0-10V dimming for Cirrus Ceiling Wall Grazer, Static White
- REMOTE POWER SUPPLY** Class 2: 24VDC output; 120/277VAC input | PSB-60W-010-24VDC | PSB-100W-010-24VDC PSB-200W-3LV010-24VDC UL2108
- DIMMING** Dimmable with 0-10V 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



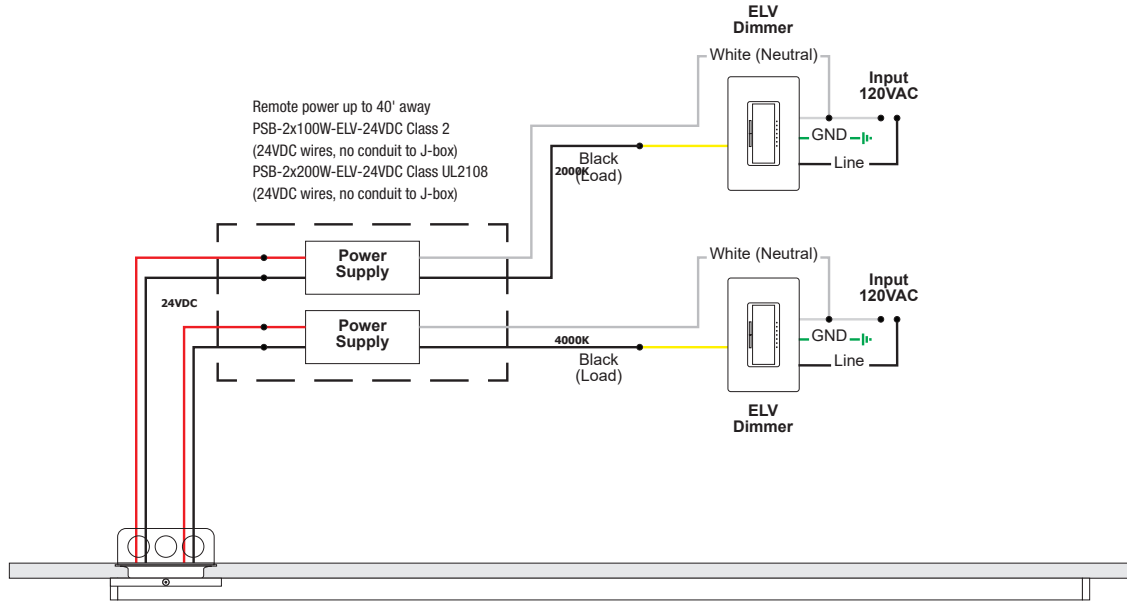
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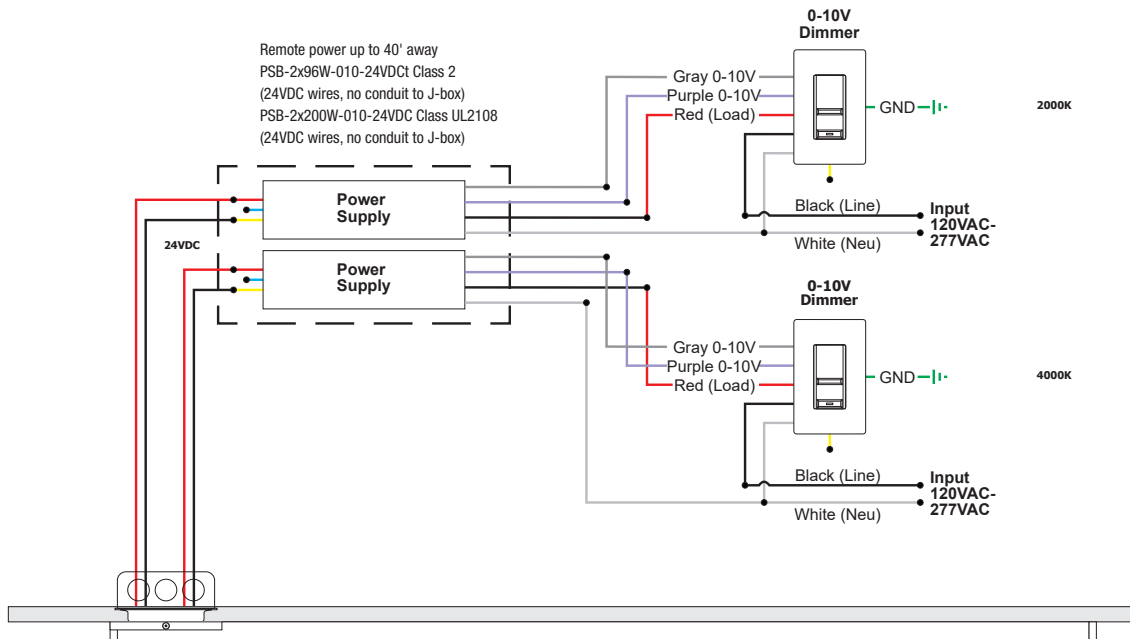
## WIRING DIAGRAM Wiring Diagram for ELV Dimmer

- APPLICATION** ELV dimming for Cirrus Ceiling Wall Grazer, Tunable White 2000K-4000K
- REMOTE POWER SUPPLY** Class 2: 24VDC output; 120VAC input | Class 2: PSB-2X100W-ELV-24VDC (24VDC wires, no conduit to J-box)  
PSB-2x200W-ELV-24VDC (24VDC wires require conduit to J-box) UL2108
- 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 with 0-10 Volt Dimmer

- APPLICATION** 0-10V dimming for Cirrus Ceiling Wall Grazer, Tunable White 2000K-4000K
- REMOTE POWER SUPPLY** Class 2: 24VDC output; 120/277VAC input | Class 2: PSB-2x96W-010-24VDC (24VDC wires, no conduit to J-box)  
PSB-2x200W-010-24VDC (24VDC wires require conduit to J-box) UL2018
- DIMMING** Dimmable with 0-10 dimmer: Philips: Sunrise SR1200ZTUNV; Lutron: Diva DVTV-WH, Nova-T NTSTV-DV-XX,  
Grafix Eye QS QSGRJ-XP, Radio RA2 RRD-1-ND; Leviton: LEV40050, IP710-LFZ; Legrand ADPD4FBL3P2W4







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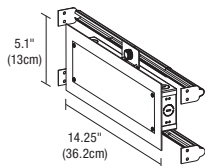
## REQUIRED COMPONENTS 24VDC ELV Compatible Power Supplies

ELECTRONIC LOW-VOLTAGE (ELV) POWER SUPPLIES & RECOMMENDED DIMMERS <sup>†</sup>				
ORDERING CODE	PS-60L-ELV-24VDC	PSB-60W-ELV-24VDC	PSB-2X60W-ELV-24VDC	PSB-100W-ELV-24VDC
				
<b>SPECIFICATIONS</b>				
MAXIMUM LOAD	60W NON-IC, 50W-IC (FITS IN J-BOX)	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
<b>DIMMING &amp; CONTROLS</b>				
LUTRON DIVA: DVELV-300P	•	•	•	•
LUTRON SKYLARK: SELV-300P	•	•	•	•
LUTRON RADIO RA2: RRD-6NA	N/A	•	•	•
LUTRON MAESTRO: MAELV-600	•	•	•	•
LEGRAND ADORNE: ADTP-703TUM4	N/A	•	•	•

ELECTRONIC LOW-VOLTAGE (ELV) POWER SUPPLIES & RECOMMENDED DIMMERS <sup>†</sup>					
ORDERING CODE	PSB-2X100W-ELV-24VDC	PSB-3X100W-ELV-24VDC	PSB-4X100W-ELV-24VDC	PSB-200W-ELV-24VDC	PSB-2X200W-ELV-24VDC
					
<b>SPECIFICATIONS</b>					
MAXIMUM LOAD	2X96W	3X96W	4X96W	200W	2X200W
INPUT VOLTAGE	120VAC	120VAC	120VAC	120VAC	120VAC
OUTPUT VOLTAGE	24VDC	24VDC	24VDC	24VDC	24VDC
DIMENSIONS	12.15" X 6.48" X 2.18"	14" X 10" X 3"	17" X 13" X 3"	12.15" X 6.48" X 2.18"	14" X 10" X 3"
CLASSIFICATION	CLASS 2	CLASS 2	CLASS 2	UL1598*	UL1598*
IN-WALL MOUNTING	PSB-2X100W-ELV-24VDC-IW	N/A	N/A	PSB-200W-ELV-24VDC-IW	N/A
<b>DIMMING &amp; CONTROLS</b>					
LUTRON DIVA: DVELV-300P	•	•	•	•	•
LUTRON SKYLARK: SELV-300P	•	•	•	•	•
LUTRON RADIO RA2: RRD-6NA	•	•	•	•	•
LUTRON MAESTRO: MAELV-600	•	•	•	•	•
LEGRAND ADORNE: ADTP-703TUM4	•	•	•	•	•

<sup>†</sup> 2400K-5700K 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) and Static Color (Blue, Green, or Red) are compatible with DMX Power Supplies.

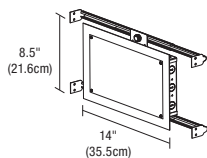
Classification: UL2108 - \* 24VDC over 100 Watts, wires must be in conduit from Remote Power Supply to Junction Box in ceiling.



### 5.1" X 14.25" IN-WALL MOUNTING KIT

Includes Power Supply, Box Cover, and Stud Hangers for installing Junction Box in wall. Select "IW" in the options section of compatible Power Supply ordering codes if an In-Wall Mounting Kit is needed.

**ORDERING CODES:** PSB-60W-ELV-24VDC-IW, PSB-100W-ELV-24VDC-IW



### 8.5" X 14" IN-WALL MOUNTING KIT

Includes Power Supply, Box Cover, and Stud Hangers for installing Junction Box in wall. Select "IW" in the options section of compatible Power Supply ordering codes if an In-Wall Mounting Kit is needed.

**ORDERING CODES:** PSB-2X60W-ELV-24VDC-IW, PSB-2X100W-ELV-24VDC-IW, PSB-200W-ELV-24VDC-IW

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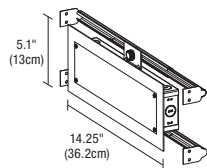
## REQUIRED COMPONENTS 24VDC 0-10V Compatible Power Supplies

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
DIMMING & CONTROLS				
PHILIPS SUNRISE: SR1200ZTUNV	•	•	•	•
LUTRON DIVA: DVTW-WH	•	•	•	•
LUTRON NOVA T: NTSTV-DV-XX	•	•	•	•
LUTRON GRAFIX EYE QS: QSGRJ-JP	•	•	•	•
LUTRON RADIO RA2: RRD-10ND	•	•	•	•
LEVITON: LEV40050	•	•	•	•
LEVITON IP710-LFZ	•	•	•	•
LEGRAND: ADPD4FBL3P2W4	•	•	•	•

0-10 VOLT (010) POWER SUPPLIES & RECOMMENDED DIMMERS†				
ORDERING CODE	PSB-3X96W-010-24VDC	PSB-4X96W-010-24VDC	PSB-200W-010-24VDC	PSB-2X200W-010-24VDC
SPECIFICATIONS				
MAXIMUM LOAD	3X96W	4X96W	200W	2X200W
INPUT VOLTAGE	120-277VAC	120-277VAC	120VAC	120VAC
OUTPUT VOLTAGE	24VDC	24VDC	24VDC	24VDC
DIMENSIONS	14" X 10" X 3"	17" X 13" X 3"	12.15" X 6.48" X 2.18"	14" X 10" X 3"
CLASSIFICATION	CLASS 2	CLASS 2	UL1598*	UL1598*
IN-WALL MOUNTING	N/A	N/A	PSB-200W-010-24VDC-IW	N/A
DIMMING & CONTROLS				
PHILIPS SUNRISE: SR1200ZTUNV	•	•	•	•
LUTRON DIVA: DVTW-WH	•	•	•	•
LUTRON NOVA T: NTSTV-DV-XX	•	•	•	•
LUTRON GRAFIX EYE QS: QSGRJ-JP	•	•	•	•
LUTRON RADIO RA2: RRD-10ND	•	•	•	•
LEVITON: LEV40050	•	•	•	•
LEVITON IP710-LFZ	•	•	•	•
LEGRAND: ADPD4FBL3P2W4	•	•	•	•

† 2400K-5700K 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) and Static Color (Blue, Green, or Red) are compatible with DMX Power Supplies.

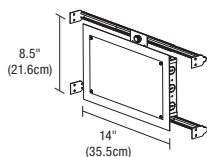
Classification: UL2108 - \* 24VDC over 100 Watts, wires must be in conduit from Remote Power Supply to Junction Box in ceiling.



### 5.1" X 14.25" IN-WALL MOUNTING KIT

Includes Power Supply, Box Cover, and Stud Hangers for installing Junction Box in wall. Select "IW" in the options section of compatible Power Supply ordering codes if an In-Wall Mounting Kit is needed.

ORDERING CODES: PSB-25W-010-24VDC-IW, PSB-60W-010-24VDC-IW, PSB-96W-010-24VDC-IW



### 8.5" X 14" IN-WALL MOUNTING KIT

Includes Power Supply, Box Cover, and Stud Hangers for installing Junction Box in wall. Select "IW" in the options section of compatible Power Supply ordering codes if an In-Wall Mounting Kit is needed.

ORDERING CODES: PSB-2X96W-010-24VDC-IW, PSB-200W-010-24VDC-IW

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## REQUIRED COMPONENTS 24VDC Lutron Compatible Power Supply

### LUTRON HI-LUME® PREMIER .1% ECOSYSTEM® 3-WIRE POWER SUPPLY & RECOMMENDED CONTROLLERS†

<b>ORDERING CODE</b>	<p><b>L3D0-96W24V-U</b></p> 
<b>SPECIFICATIONS</b>	
<b>MAXIMUM LOAD</b>	96W
<b>INPUT VOLTAGE</b>	120-277VAC
<b>OUTPUT VOLTAGE</b>	24VDC
<b>DIMENSIONS</b>	10.5" X 5.5" X 2"
<b>CLASSIFICATION</b>	CLASS 2
<b>DIMMING &amp; CONTROLS</b>	
<b>RADIO RA2</b>	•
<b>HOMEWORKS QS</b>	•
<b>PHPM-3F-120</b>	•
<b>PHPM-3F-DV</b>	•
<b>BCI-0-10</b>	•

†2400K-5700K 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.

PROJECT		FIXTURE TYPE		DATE	
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# TUNABLE WHITE TOUCH CONTROLLER

REV 10.11.18



## DESCRIPTION

The Tunable White Touch Controller is a full-touch controller that offers fast and accurate color temperature adjustment and independent brightness dimming of a single zone. Designed for Tunable White and Dual-Color LED installations, this controller adjusts color temperature and brightness for warm and cool white LEDs. It also saves three preset scenes. Independent smooth dimming with a 256 level brightness adjustment enables the DMX controller to achieve many colors within the full LED spectrum. Controller includes a Power Adapter that fits in Junction Box (not included) behind the controller. It contains an illuminated back light when powered off.

## APPLICATIONS

Indoor

## INSTALLATION

Fits in a single gang 2.5" deep Junction Box, not to be used with a Multi-Gang Box

## POWER INPUT

120/277VAC

## COMPATIBLE POWER SUPPLIES (SOLD SEPARATELY)

PSB-100W-24VDC-2XK 100W output, 120/277V Input

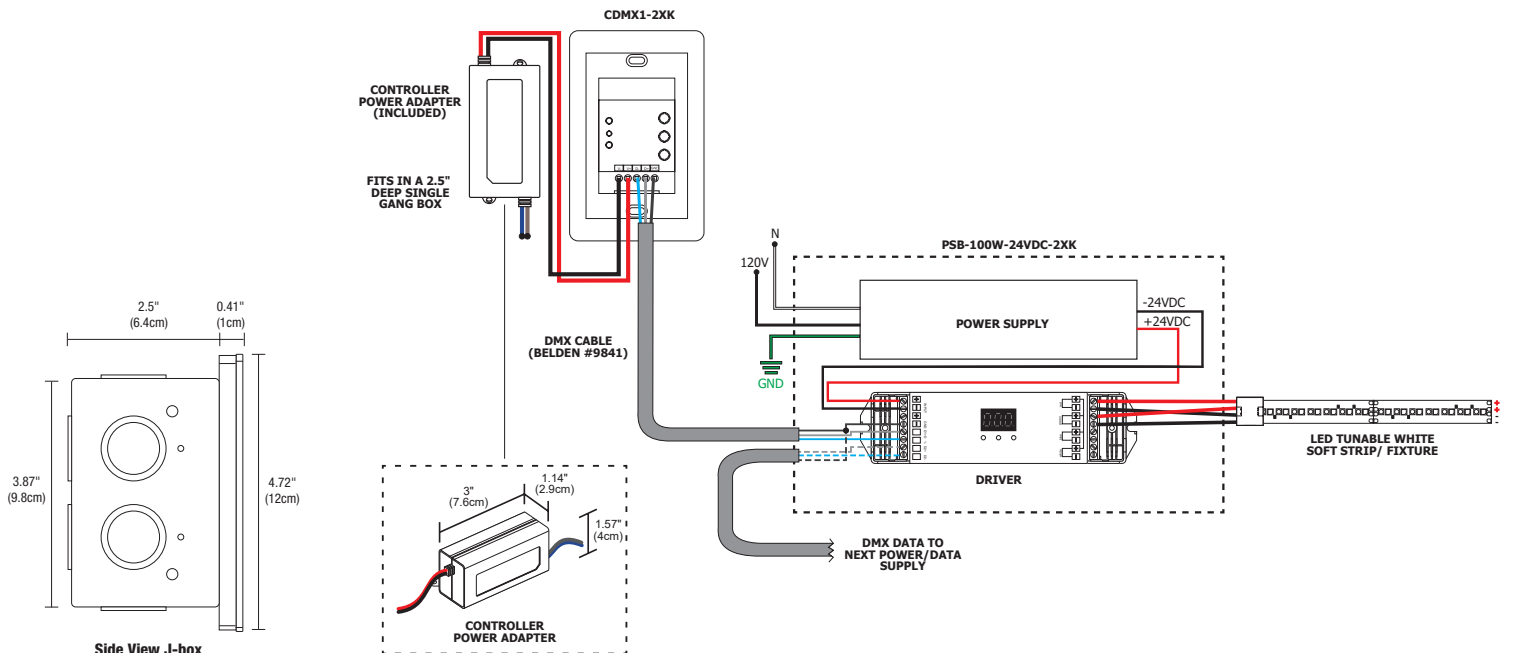
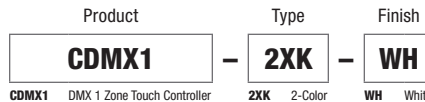
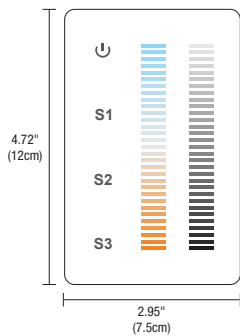
PSB-2X100W-24VDC-2XK 2x100W output, 120/277V Input

PSB-3X100W-24VDC-2XK 3x100W output, 120/277V Input

PSB-4X100W-24VDC-2XK 4x100W output, 120/277V Input

## OUTPUT SIGNAL

USITT DMX 512 (1990)







PROJECT	FIXTURE TYPE	DATE
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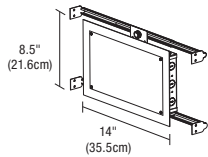
# CIRRUS CEILING WALL GRAZER WITH REMOTE POWER

REV 10.11.18

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

## REQUIRED COMPONENTS 24VDC DMX 2XK Tunable White Compatible Power Supplies

DYNAMIC COLOR CHANGING (DMX) POWER SUPPLIES & RECOMMENDED CONTROLLERS <sup>†</sup>				
ORDERING CODE	PSB-100W-24VDC-2XK 	PSB-2X100W-24VDC-2XK 	PSB-3X100W-24VDC-2XK 	PSB-4X100W-24VDC-2XK 
<b>SPECIFICATIONS</b>				
MAXIMUM LOAD	100W	2X100W	3X100W	4X100W
INPUT VOLTAGE	120-277VAC	120-277VAC	120-277VAC	120-277VAC
OUTPUT VOLTAGE	24VDC	24VDC	24VDC	24VDC
DIMENSIONS	12.14" X 6.48" X 2.18"	14" X 10" X 3"	17" X 13" X 3"	17" X 13" X 3"
CLASSIFICATION	CLASS 2	CLASS 2	CLASS 2	CLASS 2
IN-WALL MOUNTING	PSB-100W-24VDC-2XK-IW	N/A	N/A	N/A
<b>DIMMING &amp; CONTROLS</b>				
TUNABLE WHITE TOUCH CONTROLLER (CDMX1-2XK)	•	•	•	•



### 8.5" X 14" IN-WALL MOUNTING KIT

Includes Power Supply, Box Cover, and Stud Hangers for installing Junction Box in wall. Select "IW" in the options section of compatible Power Supply ordering codes if an In-Wall Mounting Kit is needed.

**ORDERING CODES:** PSB-100W-24VDC-2XK-IW

PROJECT		FIXTURE TYPE		DATE	
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# DMX 1 ZONE RGBW TOUCH CONTROLLER

REV 10.11.18



## DESCRIPTION

Full Touch Controller offers fast and accurate color tone adjustment and independent brightness control. The 1 zone controller can adjust RGB and RGBW LEDs smoothly and accurately. Independent smooth dimming of each channel enables the controller to achieve millions of colors. For indoor applications only, and includes a Power Adapter to operate the controller.

## APPLICATIONS

Indoor

## INSTALLATION

Fits in a Single Gang Junction Box, not to be used with a Multi-Gang Box

## POWER INPUT

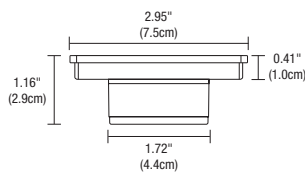
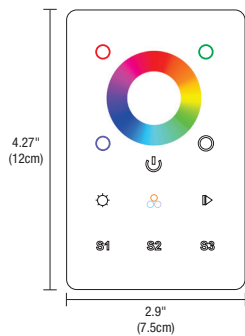
120/277VAC

## COMPATIBLE POWER SUPPLIES (SOLD SEPARATELY)

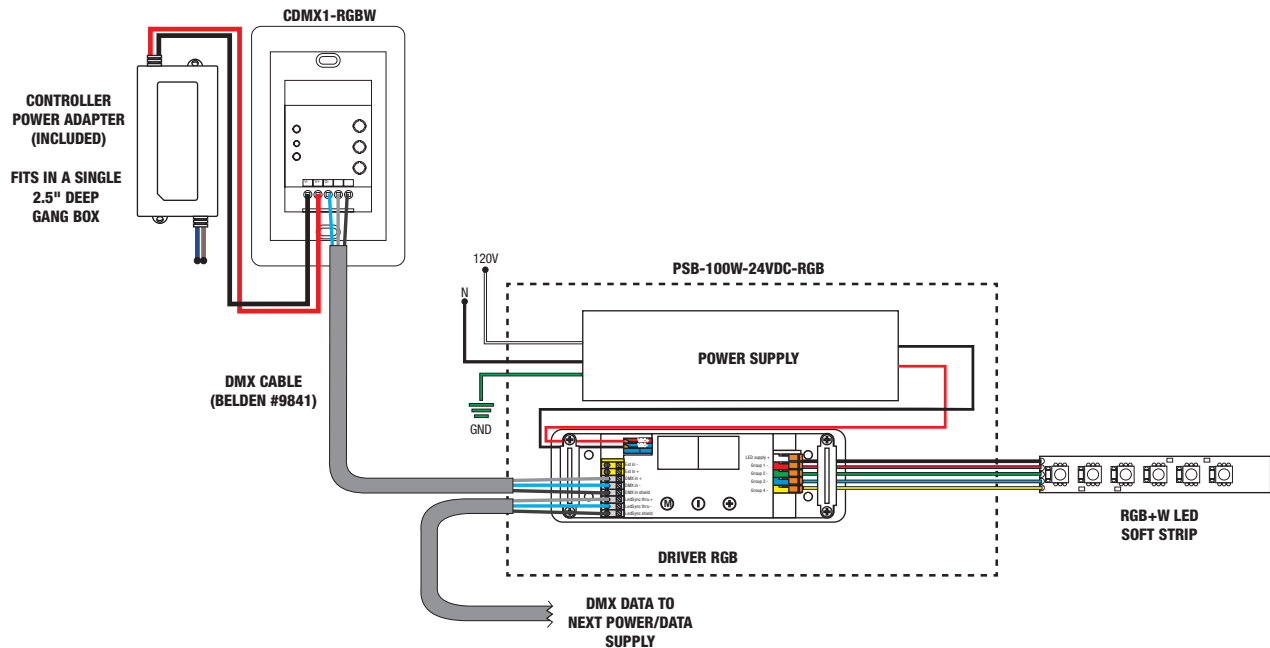
- PSB-100W-24VDC-RGB 100W output, 120/277V Input
- PSB-200W-24VDC-RGB 100W output, 120/277V Input
- PSB-400W-24VDC-RGB 100W output, 120/277V Input
- PSB-2X100W-24VDC-RGB 2x100W output, 120/277V Input
- PSB-3X100W-24VDC-RGB 3x100W output, 120/277V Input
- PSB-4X100W-24VDC-RGB 4x100W output, 120/277V Input

## OUTPUT SIGNAL

USITT DMX 512 (1990)



Product	Type	Finish
<b>CDMX1</b>	<b>RGBW</b>	<b>WH</b>
CDMX1 DMX 1 Zone Touch Controller	RGBW RGB & RGBW	WH White








PROJECT		FIXTURE TYPE		DATE	
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# CIRRUS CEILING WALL GRAZER WITH REMOTE POWER

REV 10.11.18

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

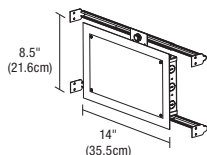
## REQUIRED COMPONENTS 24VDC DMX RGB Compatible Power Supplies

DYNAMIC COLOR CHANGING (DMX) POWER SUPPLIES & RECOMMENDED CONTROLLERS <sup>†</sup>					
ORDERING CODE	PS-25W-24VDC	PSB-100W-24VDC-RGB	PSB-2X100W-24VDC-RGB	PSB-3X100W-24VDC-RGB	PSB-4X100W-24VDC-RGB
					
SPECIFICATIONS					
MAXIMUM LOAD	25W	100W	2X100W	3X100W	4X100W
INPUT VOLTAGE	100-277VAC	120-277VAC	120-277VAC	120-277VAC	120-277VAC
OUTPUT VOLTAGE	24VDC	24VDC	24VDC	24VDC	24VDC
DIMENSIONS	5.25" X 1.57" X 1.2"	12.14" X 6.48" X 2.18"	14" X 10" X 3"	17" X 13" X 3"	17" X 13" X 3"
CLASSIFICATION	CLASS 2	CLASS 2	CLASS 2	CLASS 2	CLASS 2
IN-WALL MOUNTING	N/A	PSB-100W-24VDC-RGB-IW	N/A	N/A	N/A
DIMMING & CONTROLS					
TOUCH SCREEN CONTROLLER (CTP)	N/A	•	•	•	•
COLOR DIAL CONTROLLER (CDP)	N/A	•	•	•	•
DMX 1 ZONE RGBW TOUCH CONTROLLER (CDMX1-RGBW)	N/A	•	•	•	•

DYNAMIC COLOR CHANGING (DMX) POWER SUPPLIES & RECOMMENDED CONTROLLERS <sup>†</sup>			
ORDERING CODE	PSB-200W-24VDC-RGB	PSB-400W-24VDC-RGB	PSB-100W-24VDC-DALI
			
SPECIFICATIONS			
MAXIMUM LOAD	200W	400W	100W
INPUT VOLTAGE	120-240VAC	120-240VAC	120-277VAC
OUTPUT VOLTAGE	24VDC	24VDC	24VDC
DIMENSIONS	12" X 8" X 4.3"	12" X 8" X 6.5"	12.14" X 6.48" X 2.18"
CLASSIFICATION	UL1598*	UL1598*	CLASS 2
IN-WALL MOUNTING	N/A	N/A	PSB-100W-24VDC-DALI-IW
DIMMING & CONTROLS			
TOUCH SCREEN CONTROLLER (CTP)	•	•	•
DMX 1 ZONE RGBW TOUCH CONTROLLER (CDMX1-RGBW)	•	•	•
DALI COMPATIBLE	•	•	•

<sup>†</sup> 2400K-5700K 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.

Classification: UL2108 - \* 24VDC over 100 Watts, wires must be in conduit from Remote Power Supply to J-box.



### 8.5" X 14" IN-WALL MOUNTING KIT

Includes Power Supply, Box Cover, and Stud Hangers for installing Junction Box in wall. Select "IW" in the options section of compatible Power Supply ordering codes if an In-Wall Mounting Kit is needed.

**ORDERING CODES:** PSB-100W-24VDC-RGB-IW

PROJECT		FIXTURE TYPE		DATE	
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# CIRRUS CEILING WALL GRAZER WITH REMOTE POWER

REV 10.11.18

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

## LENGTH CHART Actual lengths for Cirrus Ceiling Wall Grazer

22K, 27K, 30K, 35K, 40K, 57K, 2K4K & RGB					
Ordering Code (Nominal Size)	Actual Length (Inches)	Actual Length (Chrome)	Ordering Code (Nominal Size)	Actual Length (Inches)	Actual Length (Chrome)
12	13.1	13.1	128	128.4	128.4
15	15.5	15.5	130	130.8	130.8
17	17.9	17.9	132	133.2	133.2
20	20.3	20.3	135	135.6	135.6
22	22.7	22.7	137	138.0	138.0
24	25.1	25.1	140	140.4	140.4
27	27.5	27.5	142	142.8	142.8
29	29.9	29.9	144	145.2	145.2
32	32.3	32.3	147	147.8	147.8
34	34.7	34.7	149	150.2	150.2
36	37.1	37.1	152	152.6	152.6
39	39.5	39.5	154	155.0	155.0
41	41.9	41.9	156	157.4	157.4
44	44.3	44.3	159	159.8	159.8
46	46.7	46.7	161	162.2	162.2
48	49.1	49.1	164	164.6	164.6
51	51.5	51.5	166	167.0	167.0
53	53.9	53.9	168	169.4	169.4
56	56.3	56.3	171	171.8	172.2
58	58.7	58.7	173	174.2	174.6
60	61.1	61.1	176	176.6	177.0
63	63.5	63.5	178	179.0	179.4
65	65.9	65.9	180	181.4	181.8
68	68.3	68.3	183	183.8	184.2
70	70.7	70.7	185	186.2	186.6
72	73.1	73.1	188	188.6	189.0
75	75.5	75.5	190	191.0	191.4
77	77.9	77.9	192	193.4	193.8
80	80.3	80.3	195	195.8	196.2
82	82.7	82.7	197	198.2	198.6
84	85.1	85.1	200	200.6	201.0
87	87.5	87.6	202	203.0	203.4
89	89.9	90.0	204	205.4	205.8
92	92.3	92.4	207	207.8	208.2
94	94.7	94.8	209	210.2	210.6
96	97.1	97.2	212	212.6	213.0
99	99.5	99.6	214	215.0	215.4
101	101.9	102.0	216	217.4	217.8
104	104.3	104.4	219	219.8	220.2
106	106.7	106.8	221	222.2	222.6
108	109.1	109.2	224	224.6	225.0
111	111.5	111.6	226	227.0	227.4
113	113.9	114.0	228	229.4	229.8
116	116.3	116.4	231	231.8	232.2
118	118.7	118.8	233	234.2	234.6
120	121.1	121.2	236	236.6	237.0
123	123.6	123.6	238	239.0	239.4
125	126.0	126.0	240	241.4	241.8

PROJECT		FIXTURE TYPE		DATE	
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# CIRRUS CEILING WALL GRAZER WITH REMOTE POWER

REV 10.11.18 DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

## LENGTH CHART Actual lengths for Cirrus Ceiling Wall Grazer

27D & 30D					
Ordering Code (Nominal Size)	Actual Length (Inches)	Actual Length (Chrome)	Ordering Code (Nominal Size)	Actual Length (Inches)	Actual Length (Chrome)
12	13.0	13.0	141	142.4	142.4
15	16.0	16.0	144	145.4	145.4
18	19.0	19.0	147	148.4	148.4
21	22.0	22.0	150	151.4	151.4
24	25.0	25.0	153	154.4	154.4
27	28.0	28.0	156	157.4	157.4
30	31.0	31.0	159	160.4	160.4
33	34.0	34.0	162	163.4	163.4
36	37.0	37.0	165	166.4	166.4
39	40.0	40.0	168	169.4	169.4
42	43.0	43.0	144	145.4	145.4
45	46.0	46.0	147	148.4	148.4
48	49.0	49.0	150	151.4	151.4
51	52.0	52.0	153	154.4	154.4
54	55.0	55.0	156	157.4	157.4
57	58.0	58.0	159	160.4	160.4
60	61.0	61.0	162	163.4	163.4
63	64.0	64.0	165	166.4	166.4
66	67.0	67.0	168	169.4	169.4
69	70.0	70.0	171	172.4	172.8
72	73.0	73.0	174	175.4	175.8
75	76.0	76.0	177	178.4	178.8
78	79.0	79.0	180	181.4	181.8
81	82.0	82.0	183	184.4	184.8
84	85.0	85.0	186	187.4	187.8
87	88.0	88.4	189	190.4	190.8
90	91.0	91.4	192	193.4	193.8
93	94.0	94.4	195	196.4	196.8
96	97.0	97.4	198	199.4	199.8
99	100.0	100.4	201	202.4	202.8
102	103.0	103.4	204	205.4	205.8
105	106.0	106.4	207	208.4	208.8
108	109.0	109.4	210	211.4	211.8
111	112.0	112.4	213	214.4	214.8
114	115.0	115.4	216	217.4	217.8
117	118.0	118.4	219	220.4	220.8
120	121.0	121.4	222	223.4	223.8
123	124.4	124.4	225	226.4	226.8
126	127.4	127.4	228	229.4	229.8
129	130.4	130.4	231	232.4	232.8
132	133.4	133.4	234	235.4	235.8
135	136.4	136.4	237	238.4	238.8
138	139.4	139.4	240	241.4	241.8

PROJECT		FIXTURE TYPE		DATE	
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# CIRRUS CEILING WALL GRAZER WITH REMOTE POWER

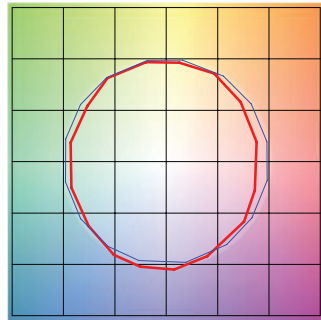
REV 10.11.18 DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

## 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.

**2200K** | Rf: 83.9 | Rg: 94.9

Color Vector Graphic

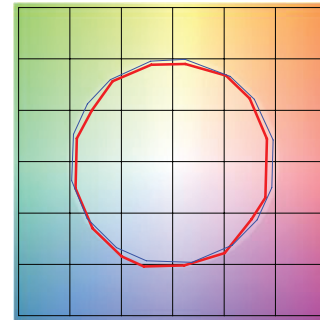


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	77.6	-10.0%	1.8%
2	80.7	-7.5%	7.0%
3	79.5	-2.9%	8.9%
4	90.5	-3.1%	2.4%
5	93.9	-1.3%	1.9%
6	91.9	-0.9%	-0.2%
7	87.6	-6.3%	-2.7%
8	90.5	-5.4%	2.7%
9	83.8	-4.7%	6.5%
10	81.2	-2.5%	10.0%
11	83.3	3.9%	9.4%
12	86.4	5.6%	2.6%
13	86.2	4.5%	-12.4%
14	64.3	-1.0%	-21.9%
15	85.1	-4.4%	-7.5%
16	75.0	-9.9%	-12.0%

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

Color Vector Graphic

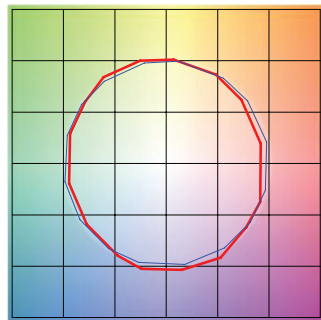


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	86.4	-5.6%	2.3%
2	89.7	-3.3%	3.1%
3	90.5	-1.5%	3.8%
4	90.0	-4.3%	1.1%
5	92.9	-3.7%	0.2%
6	93.5	-2.5%	-0.8%
7	86.3	-7.2%	2.5%
8	90.7	-4.0%	3.2%
9	85.2	-2.4%	8.1%
10	81.7	0.9%	10.8%
11	85.4	4.5%	8.9%
12	88.7	5.7%	-1.4%
13	88.3	1.3%	-7.9%
14	85.1	2.4%	-10.4%
15	88.1	-4.8%	-2.7%
16	81.7	-4.3%	-10.9%

**3000K** | Rf: 88.1 | Rg: 99.7

Color Vector Graphic

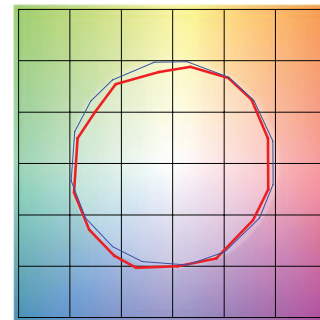


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	87.7	-5.9%	-0.3%
2	87.9	-4.4%	4.3%
3	82.9	-1.2%	7.9%
4	89.9	0.6%	4.7%
5	92.7	3.0%	3.5%
6	92.7	3.6%	-1.7%
7	90.8	-1.3%	-4.4%
8	93.7	-2.5%	-2.2%
9	91.7	-3.7%	2.3%
10	85.5	-2.8%	7.8%
11	83.3	0.7%	11.0%
12	86.4	5.5%	3.8%
13	90.6	4.6%	-3.6%
14	85.6	5.9%	-8.4%
15	89.5	-0.6%	-5.7%
16	82.6	-2.7%	-12.0%

**3500K** | Rf: 86.1 | Rg: 95.5

Color Vector Graphic

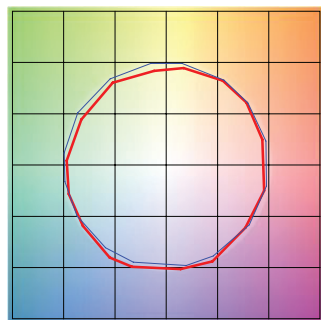


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	86.6	-4.2%	3.4%
2	91.7	-1.4%	1.8%
3	94.9	-0.7%	0.4%
4	87.9	-4.5%	-4.1%
5	85.9	-10.3%	-2.7%
6	89.8	-5.2%	-0.4%
7	79.6	-9.5%	6.5%
8	87.6	-4.0%	5.7%
9	81.4	-0.5%	11.8%
10	78.3	3.3%	11.4%
11	85.7	6.3%	6.1%
12	86.3	7.1%	-4.6%
13	86.1	-0.7%	-9.6%
14	85.1	0.8%	-10.4%
15	83.4	-4.1%	-5.3%
16	82.5	-3.6%	-5.7%

**4000K** | Rf: 87.6 | Rg: 96.8

Color Vector Graphic

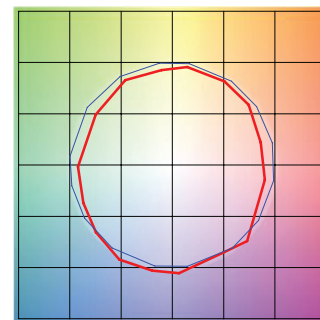


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	89.0	-3.1%	2.1%
2	93.2	-0.9%	1.3%
3	94.3	-1.1%	0.7%
4	89.5	-4.0%	-2.3%
5	87.6	-7.8%	-1.8%
6	92.2	-4.6%	0.1%
7	87.4	-6.6%	3.6%
8	85.7	-3.8%	7.0%
9	81.5	-1.3%	12.4%
10	80.0	0.9%	11.4%
11	83.3	5.9%	8.7%
12	89.7	4.8%	-0.3%
13	88.5	2.4%	-6.3%
14	92.7	4.0%	-3.8%
15	86.1	-1.6%	-4.5%
16	85.0	-1.4%	-5.0%

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

Color Vector Graphic



■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	73.8	-11.2%	2.6%
2	83.7	-5.5%	5.8%
3	84.2	-4.0%	5.5%
4	85.8	-3.5%	1.3%
5	85.3	-7.1%	0.6%
6	89.2	-5.8%	-2.2%
7	81.5	-10.7%	1.2%
8	75.7	-9.7%	8.5%
9	74.9	-7.8%	18.8%
10	67.8	-1.6%	18.0%
11	76.1	5.5%	12.0%
12	90.8	4.9%	-1.6%
13	83.6	5.0%	-9.5%
14	81.7	-1.2%	-10.0%
15	69.0	2.0%	-22.8%
16	83.2	-8.5%	-1.0%

PROJECT	FIXTURE TYPE	DATE
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# CIRRUS CEILING WALL GRAZER WITH REMOTE POWER

REV 10.11.18

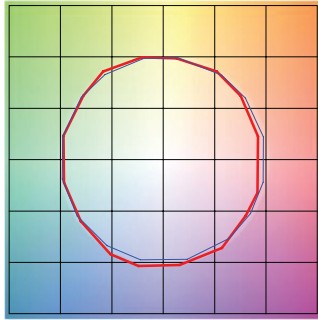
DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

## 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.

**2700D** | Rf: 89.5 | Rg: 100.8

Color Vector Graphic

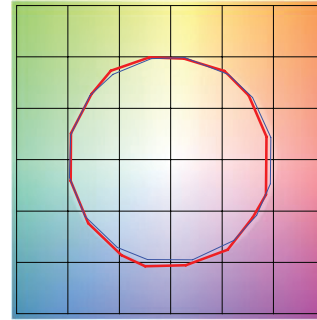


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	88.8	-5.1%	1.4%
2	89.8	-2.7%	4.1%
3	87.2	0.3%	5.9%
4	92.3	-0.9%	1.0%
5	93.3	1.5%	1.7%
6	92.4	3.6%	-0.2%
7	92.2	-0.9%	-2.4%
8	96.7	-0.4%	-1.1%
9	92.3	-1.2%	3.7%
10	88.9	-0.0%	6.1%
11	86.4	5.1%	7.4%
12	88.2	6.3%	-0.9%
13	87.2	3.8%	-8.1%
14	84.2	3.8%	-11.0%
15	89.8	-2.6%	-4.3%
16	82.7	-3.4%	-11.1%

**3000D** | Rf: 89.8 | Rg: 101.4

Color Vector Graphic

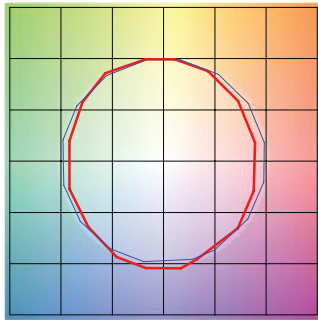


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	90.2	-4.2%	1.5%
2	90.9	-2.0%	3.7%
3	87.9	0.8%	5.5%
4	92.1	-0.9%	0.6%
5	93.0	1.5%	1.6%
6	92.2	3.9%	-0.2%
7	92.1	-0.3%	-2.0%
8	96.7	0.0%	-1.2%
9	92.5	-0.6%	3.7%
10	88.3	1.1%	7.0%
11	87.2	4.1%	7.4%
12	87.2	6.7%	-1.0%
13	88.2	3.8%	-7.2%
14	85.3	4.3%	-9.9%
15	90.9	-2.2%	-3.6%
16	83.4	-2.2%	-11.2%

**2000K ONLY (2K4K)** | Rf: 84.3 | Rg: 96.9

Color Vector Graphic

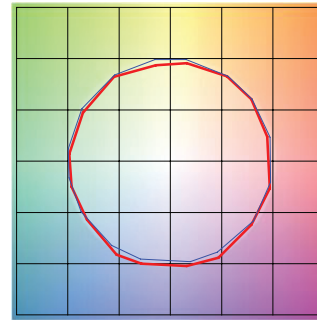


■ Test ■ Reference

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%

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

Color Vector Graphic

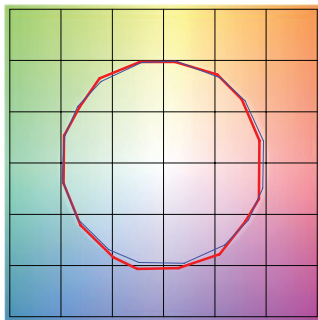


■ Test ■ Reference

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%

**2K4K (3000K)** | 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%

PROJECT		FIXTURE TYPE		DATE	
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