

CIRRUS CEILING S1

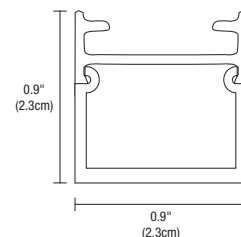
SQUARE 1 DOWNLIGHT MODULAR

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA | PATENT PENDING

REV 04.17.20



DIFFUSED SQUARE 1



CIRRUS S1 LENS
(ACTUAL SIZE)

DESCRIPTION

The Cirrus LED Ceiling S1 Modular System combines the Cirrus Ceiling Channel with various modular L, T, X, Y, and Flexible Connectors for building geometric configurations, allowing you to be the fixture designer. We provide layout and direction for easy installation. Every fixture includes a 5 year pro-rated warranty. For quotes and parts list, send drawings to design@PureEdgeLighting.com.

FEATURES & BENEFITS

- **Low Profile:** Less than 1" Square Channel
- **Remote Power Supply:** Up to 100 Watts (End Feed), up to 200 Watts (Center Feed)
- **Length Options:** 12"-120" - up to 80' before re-feeding
- **3 Wattage Options:** 2, 5, or 7 Watts
- **10 Color Temperature Options:** 2200K-5700K, Warm Dim (27D, 30D) or Tunable White (2K4K)
- **High CRI:** Up to 95+
- **Lens:** Diffused White Square (S1)
- **Easy Installation:** Fully assembled fixture with Push-In Connectors

FINISHES



Satin Black BK Antique Bronze BZ Chrome CH Satin Aluminum SA Satin Nickel SN White WH Satin Brass SB

APPLICATIONS

Indoor only - Architectural Lighting, Office, Retail, Commercial, and Residential

CIRRUS CHANNEL COMPONENTS (INCLUDED)

- High Grade LED Strip installed to fit length
- Square, Diffused White Lens
- Power Cables

COMPONENTS (SOLD SEPARATELY)

- End Caps and L, T, X, Y, and Flexible Connectors
- Power End Caps with Cable and Power Connectors (Includes Power Canopies)

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

- Electronic Low Voltage Dimming (ELV)
- 0-10 Volt Dimming (0-10V)
- UNI Driver (ELV, 0-10V, TRIAC)
- Lutron Hi-Lume®

*In-Wall Mounting Kits available for select power supplies

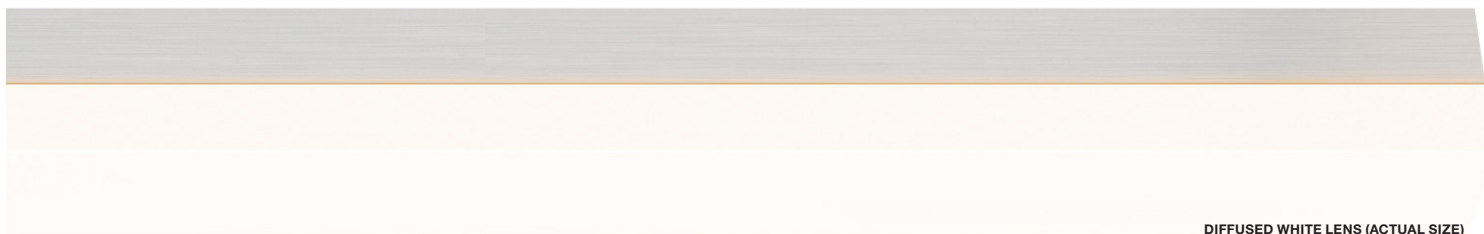
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CIRRUS CEILING S1

SQUARE 1 DOWNLIGHT MODULAR

CIRRUS CEILING S1 MODULAR CHANNEL with Diffused White Lens

Cirrus Ceiling Square S1 Modular Channel is the primary component of the Cirrus Modular system. The 24VDC Channel may be ordered from 12"-120". The Diffused White Lens disperses the light evenly without dots. LEDs come in four Lumen (Wattage) options and ten Color Temperatures including Warm Dim (**27D, 30D**) and Dynamic Tunable White (**2K4K**) at a 105° beam spread. The Cirrus Channel can be combined with various CCS1M components such as L, T, X, Y, and Flexible Connectors, and 1" Rectangle or 4" Round or Square Power Canopies for building personalized modular configurations. Ceiling Mounting Clips (every 2') are included with the Channel. The 100 watt Remote Power Supply may be located up to 40' away. The Channel runs as long as 40' for 2 watts (2.5 watts) per foot, 20' for 5 watts (4.4 watts) per foot, 12' for 7 watts (7.3 watts) per foot, and 10' for 10 watts (9.6 watts) per foot before re-feeding. Use Dual Connector Center Feed with Canopy to double the length.



DIFFUSED WHITE LENS (ACTUAL SIZE)

CCS1M																							
DESCRIPTION	DIFFUSED SQUARE 1 LENS																						
WATTS PER FOOT	2W (2.5 watts)							5W (4.4 watts)							7W (7.3 watts)								
COLOR TEMPERATURE	22K	24K	27K	30K	35K	40K	57K	22K	24K	27K	27D*	30K	30D*	35K	40K	57K	22K	24K	27K	30K	35K	40K	57K
LUMENS PER FOOT (lm/ft)	118	131	144	157	180	196	208	229	254.5	280	316	306	345	350	380	405	374	415	456	499	571	621	661
LUMENS PER WATT (lm/w)	47	52.5	58	63	72	78	83	52	58	64	72	69	78	80	86	92	50	55.5	61	66	76	83	88
CRI	85+	90+	95+	95+	85+	84	84	85+	90+	95+	95+	95+	95+	85+	84	84	85+		95+	95+	85+	84	84

*27D, 30D - Warm Dim (4.8 Watts)

System	Wattage Per Foot	Nominal Size	Color Temperature	Finish
CCS1M	2W	120	22K	SN
CCS1M Cirrus Ceiling Square 1, Diffused White 100° Standard Efficiency Lens, Modular, without Louver	2W 2.5 Watts 5W 4.4 Watts 7W 7.3 Watts	12-120 Order in various increments from 12"-120" (Maximum shipping length). Maximum shipping length for Chrome is 84". *See length chart for exact dimensions	22K 2200K Amber White 24K 2400K Very Warm White 27K 2700K Incandescent White 27D 2700K Warm Dim (5W only) 30K 2700K Warm White 30D 3000K Warm Dim (5W only) 35K 3500K Neutral White 40K 4000K Cool White 57K 5700K Daylight White 2K4K Tunable White 2000K-4000K (5W only, no Dual feed canopies)	BK Black Powder Paint CH Chrome WH White Powder Paint SA Satin Aluminum BZ Antique Bronze SN Satin Nickel SB Satin Brass* *Includes Black End Caps, Wires, and Canopy

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CIRRUS CEILING S1

SQUARE 1 DOWNLIGHT MODULAR

LENGTH CHART Actual lengths for Cirrus Ceiling S1 Modular

22K, 24K, 27K, 30K, 35K, 40K & 57K	
Ordering Code (Nominal Size)	Actual Length (Inches)
12	12.0
15	14.4
17	16.8
20	19.2
22	21.6
24	24.0
27	26.4
29	28.8
32	31.2
34	33.6
36	36.0
39	38.4
41	40.8
44	43.2
46	45.6
48	48.0
51	50.4
53	52.8
56	55.2
58	57.6
60	60.0
63	62.4
65	64.8
68	67.2
70	69.6
72	72.0
75	74.4
77	76.8
80	79.2
82	81.6
84	84.0
87	86.4
89	88.8
92	91.2
94	93.6
96	96.0
99	98.4
101	100.8
104	103.2
106	105.6
108	108.0
111	110.4
113	112.8
116	115.2
118	117.6
120	120.0

27D & 30D	
Ordering Code (Nominal Size)	Actual Length (Inches)
12	12
15	15
18	18
21	21
24	24
27	27
30	30
33	33
36	36
39	39
42	42
45	45
48	48
51	51
54	54
57	57
60	60
63	63
66	66
69	69
72	72
75	75
78	78
81	81
84	84
87	87
90	90
93	93
96	96
99	99
102	102
105	105
108	108
111	111
114	114
117	117
120	120

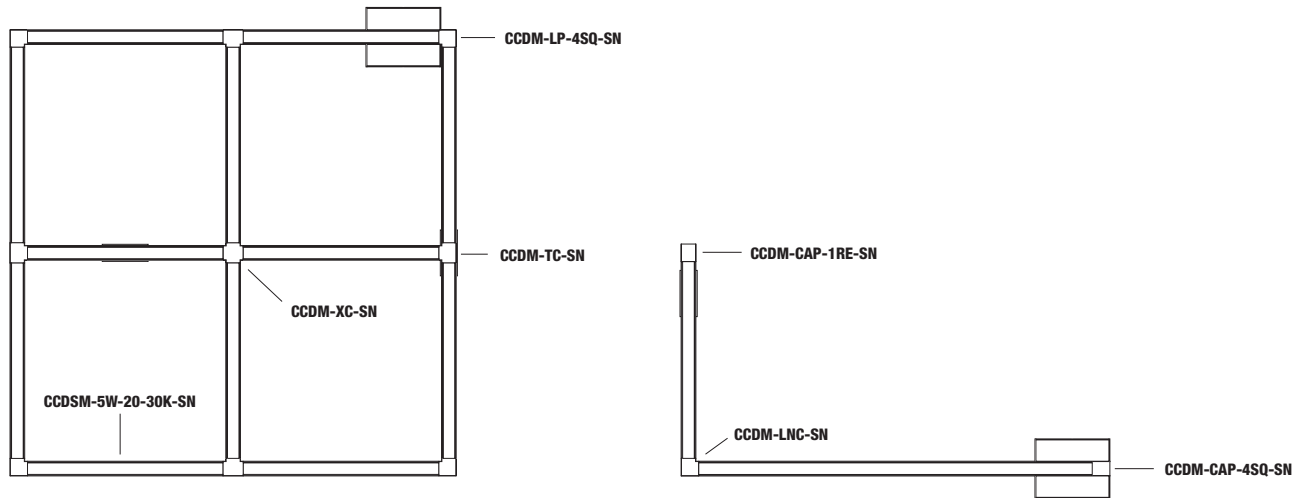
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CIRRUS CEILING S1

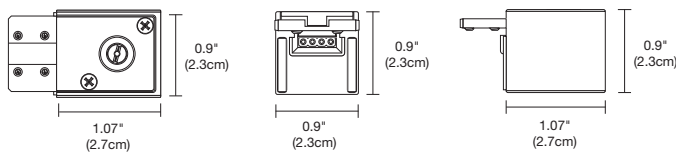
SQUARE 1 DOWNLIGHT MODULAR

COMPONENTS Power End Cap, End Cap, and Joining Connector

Indicates 24VDC Power Flow



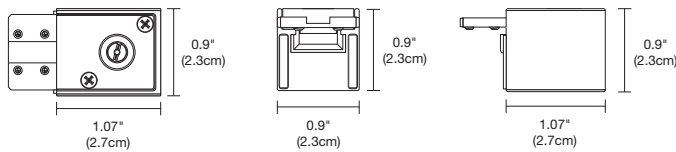
MODULAR CONFIGURATIONS Use L, T, X, Y, and Flexible Connectors to design any Modular formation



END CAP POWER WITH CANOPY

Power End Cap Connector joins the Cirrus Modular Ceiling and electrically provides power from a Remote Power Supply through the Power Canopy. Includes Power Canopy and 6' of Power Cable, which easily adjusts at the Canopy.

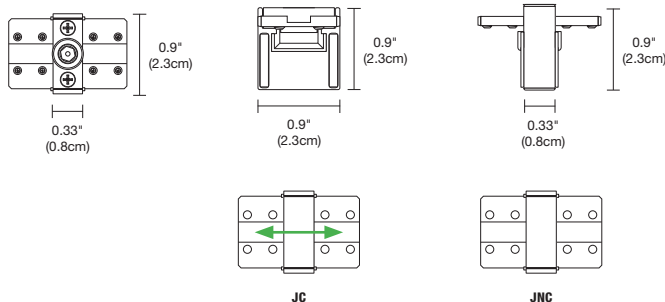
System	Type	Power Canopy	Finish
CCDM	CAP	1RE	SN
CCDM Cirrus Ceiling Modular Downlight	CAP End Cap Power	1RE 1" Rectangle Canopy 4S 4.6" Split Square Canopy 1RET 1" Rectangle Canopy w/Two Pair Wire for 2K4K 4ST 4.6" Split Square Canopy w/Two Pair Wire for 2K4K	BK Black Powder Paint BZ Antique Bronze CH Chrome SA Satin Aluminum SN Satin Nickel WH White Powder Paint



END CAP

End Cap terminates the Cirrus Ceiling Modular Downlight run and provides a finished look.

System	Type	Finish
CCDM	CA	SN
CCDM Cirrus Ceiling Modular Downlight	CA End Cap Power	BK Black Powder Paint BZ Antique Bronze CH Chrome SA Satin Aluminum SN Satin Nickel WH White Powder Paint



JOINING CONNECTOR

Joining Connector joins two sections of Cirrus Ceiling Modular Downlight in straight runs. It is electrically powered from the previous Channel (JC) or isolates the power (JNC).

System	Type	Finish
CCDM	JC	SN
CCDM Cirrus Ceiling Modular Downlight	JC Conductive Joiner Connector JNC Non-Conductive Joiner Connector	BK Black Powder Paint BZ Antique Bronze CH Chrome SA Satin Aluminum SN Satin Nickel WH White Powder Paint

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CIRRUS CEILING S1

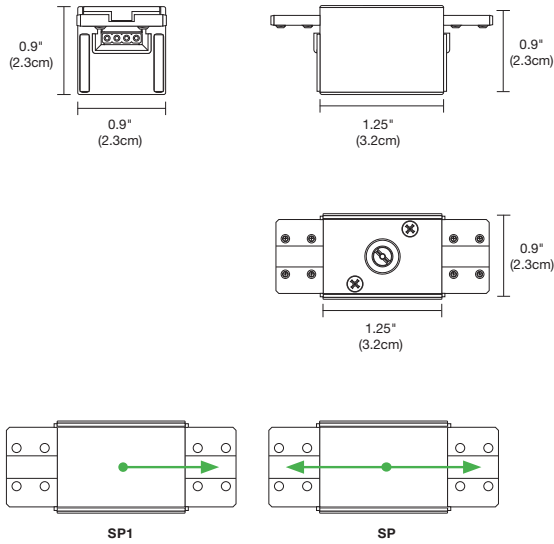
SQUARE 1 DOWNLIGHT MODULAR

COMPONENTS Straight Connectors

Indicates 24VDC Power Flow

STRAIGHT POWER CONNECTOR WITH CANOPY

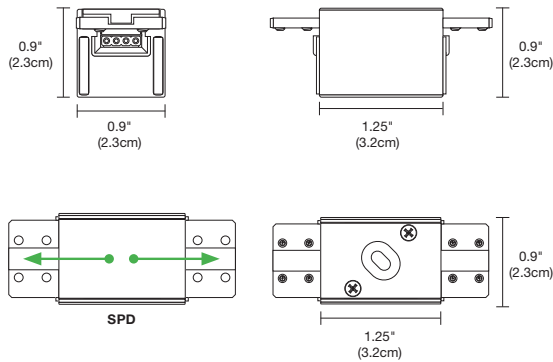
Straight Power Connector joins two sections of Cirrus Ceiling Modular Downlight Channels, for creating endless linear lighting configurations. It re-feeds the power to one section (**SP1**); or functions as a Center Power Feed (**SP**), electrically powering two sections from a Remote Power Supply. Includes Power Canopy and 6' of Power Cable, which easily adjusts at the Canopy.



System	Type	Power Canopy	Finish
CCDM	SP	1RE	SN
CCDM Cirrus Ceiling Modular Downlight	SP Straight Power Connector Conductive in 2 Sections SP1 Straight Power Connector Conductive in 1 Section	1RE 1" Rectangle Canopy 4S 4.6" Split Square Canopy 1RET 1" Rectangle Canopy w/Two Pair Wire for 2K4K 4ST 4.6" Split Square Canopy w/Two Pair Wire for 2K4K	BK Black Powder Paint CH Chrome SN Satin Nickel WH White Powder Paint

STRAIGHT POWER CONNECTOR DUAL CIRCUIT WITH CANOPY

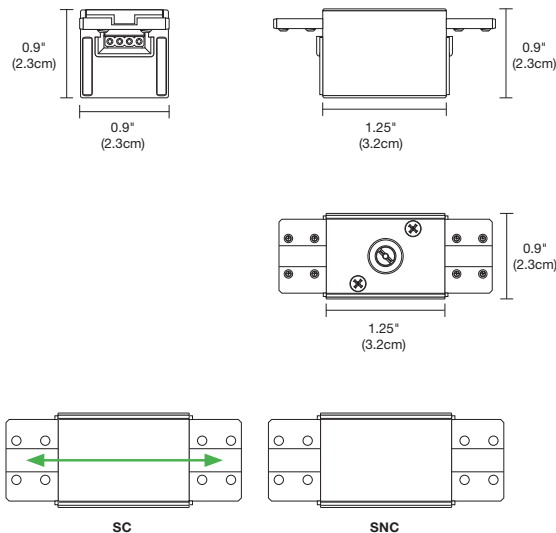
Straight Power Connector Dual Circuit joins two sections of Cirrus Ceiling Modular Downlight Channels, for creating endless linear lighting configurations. It electrically powers two sections on separate circuits from two Remote Power Supplies. Includes Power Canopy and 6' of Power Cable, which easily adjusts at the Canopy. Dynamic Tunable White (**2K4K**) not available with Dual Feed Canopies.



System	Type	Power Canopy	Finish
CCDM	SPD	1RE	SN
CCDM Cirrus Ceiling Modular Downlight	SPD Straight Power Connector, Dual Circuit	1RE 1" Rectangle Canopy 4S 4.6" Split Square Canopy	BK Black Powder Paint CH Chrome SN Satin Nickel WH White Powder Paint

STRAIGHT CONNECTOR

Straight Connector joins two sections of Cirrus Ceiling Modular Downlights. It is electrically powered from the previous Channel (**SC**) or isolates the Power (**SNC**).



System	Canopy	Finish
CCDM	SC	SN
CCDM Cirrus Ceiling Modular Downlight	SC Conductive Straight Connector SNC Non-Conductive Straight Connector	BK Black Powder Paint CH Chrome SN Satin Nickel WH White Powder Paint

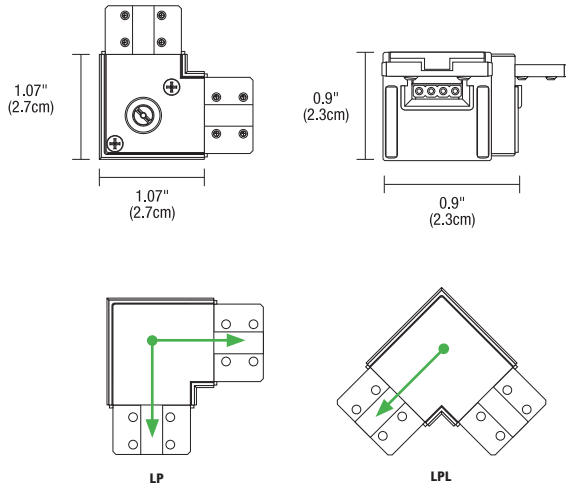
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CIRRUS CEILING S1

SQUARE 1 DOWNLIGHT MODULAR

COMPONENTS L-Shaped Connectors

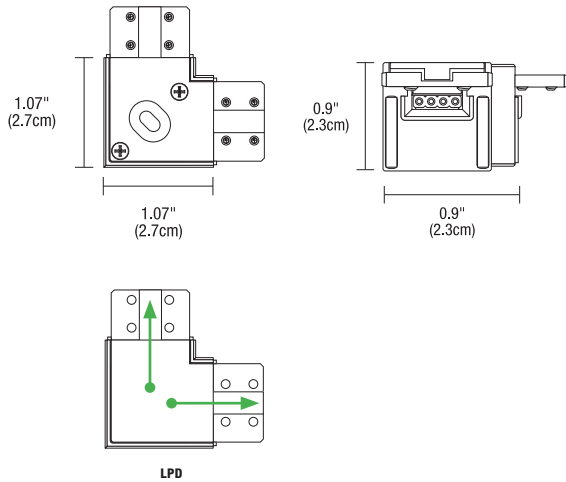
Indicates 24VDC Power Flow



L-SHAPED POWER CONNECTOR WITH CANOPY

L-Shaped Power Connector joins two sections of Cirrus Ceiling Modular Downlight at 90°. It electrically powers either the left section (**LPL**), right section (**LPR**) or both sections (**LP**) from a Remote Power Supply. Includes Power Canopy and 6' of Power Cable, which easily adjusts at the Canopy.

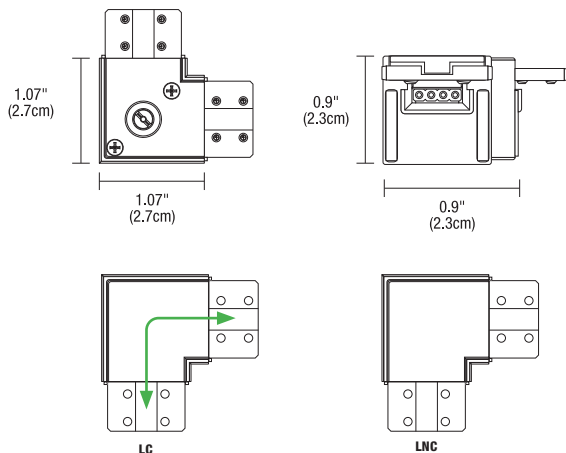
System	Type	Power Canopy	Finish
CCDM	LP	1RE	SN
CCDM Cirrus Ceiling Modular Downlight	LP L-Shaped Power Connector, Conductive on 2 Sections LPL L-Shaped Power Connector, Conductive on Left Section LPR L-Shaped Power Connector, Conductive on Right Section	1RE 1" Rectangle Canopy 4S 4.6" Split Square Canopy 1RET 1" Rectangle Canopy w/Two Pair Wire for 2K4K 4ST 4.6" Split Square Canopy w/Two Pair Wire for 2K4K	BK Black Powder Paint CH Chrome SN Satin Nickel WH White Powder Paint



L-SHAPED POWER CONNECTOR DUAL CIRCUIT WITH CANOPY

Straight Power Connector Dual Circuit joins two sections of Cirrus Ceiling Modular Downlight Channels at 90°, for creating endless linear lighting configurations. It electrically powers two sections on separate circuits from two Remote Power Supplies. Includes Power Canopy and 6' of Power Cable, which easily adjusts at the Canopy. Dynamic Tunable White (**2K4K**) not available with Dual Feed Canopies.

System	Type	Power Canopy	Finish
CCDM	LPD	1RE	SN
CCDM Cirrus Ceiling Modular Downlight	LPD L-Shaped Power Connector, Dual Circuit	1RE 1" Rectangle Canopy 4S 4.6" Split Square Canopy	BK Black Powder Paint CH Chrome SN Satin Nickel WH White Powder Paint



L-SHAPED CONNECTOR

L-Shaped Connector joins two sections of Cirrus Ceiling Modular Downlight at 90°, conducting the power (**LC**) or isolating the power (**LNC**).

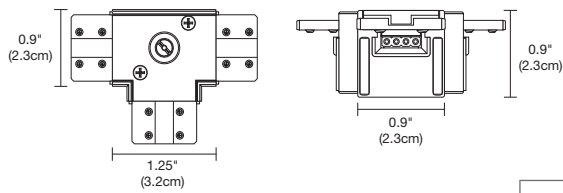
System	Canopy	Finish
CCDM	LC	SN
CCDM Cirrus Ceiling Modular Downlight	LC L-Shaped Conductive Connector LNC L-Shaped Non-Conductive Connector	BK Black Powder Paint CH Chrome SN Satin Nickel WH White Powder Paint

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CIRRUS CEILING S1

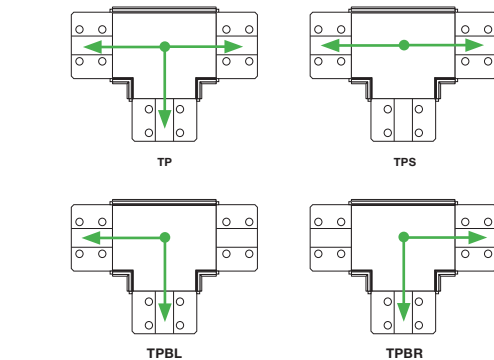
SQUARE 1 DOWNLIGHT MODULAR

COMPONENTS T-Shaped Connectors

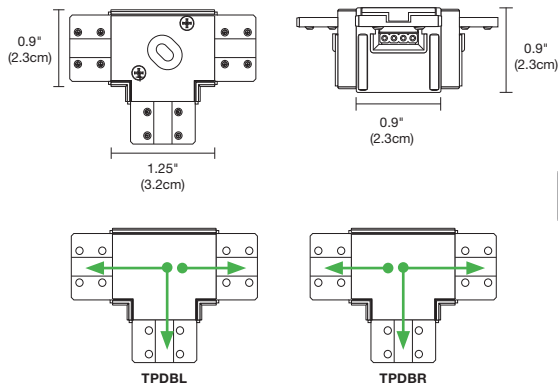


T-SHAPED POWER CONNECTOR WITH CANOPY

T-Shaped Power Connector joins three sections of Cirrus Ceiling Modular Downlight at 90°. It electrically conducts the power from a Remote Power Supply to section(s): all sections (**TP**), straight left to right (**TPS**), base to left (**TPBL**), base to right (**TPBR**), base (**TPB**), left (**TPL**) or right (**TPR**). Includes Power Canopy and 6' of Power Cable, which easily adjusts at the Canopy.



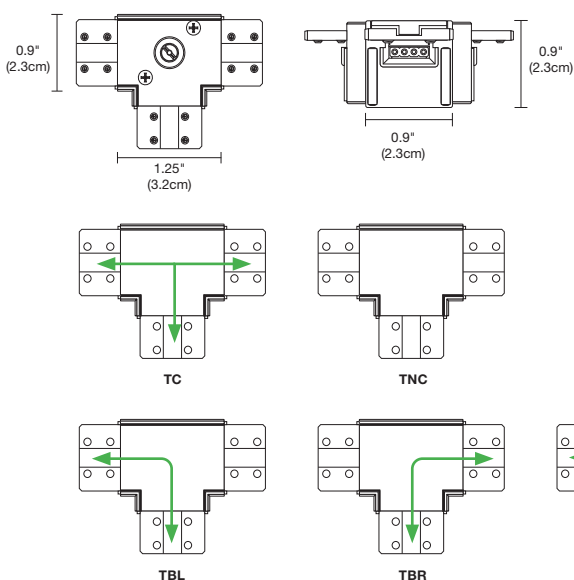
System	Type	Power Canopy	Finish
CCDM	TP	1RE	SN
CCDM Cirrus Ceiling Modular Downlight	TP T-Shaped Power Connector, Conductive on 3 Sections TPS T-Shaped Connector, Conductive through Left & Right Sections TPBL T-Shaped Power Connector, Conductive on Base & Left Sections TPBR T-Shaped Power Connector, Conductive on Base & Right Sections TPB T-Shaped Power Connector, Conductive on Base TPL T-Shaped Power Connector, Conductive on Left Section TPR T-Shaped Power Connector, Conductive on Right Section	1RE 1" Rectangle Canopy 4S 4.6" Split Square Canopy 1RET 1" Rectangle Canopy w/Two Pair Wire for 2K4K 4ST 4.6" Split Square Canopy w/Two Pair Wire for 2K4K	BK Black Powder Paint CH Chrome SN Satin Nickel WH White Powder Paint



T-SHAPED POWER CONNECTOR DUAL CIRCUIT WITH CANOPY

T-Shaped Power Connector Dual Circuit joins two sections of Cirrus Ceiling Modular Downlight at 90°. It electrically powers the right with one Power Supply and base to left with second Power Supply (**TPDBR**). Includes Power Canopy and 6' of Power Cable, which easily adjusts at the Canopy. Dynamic Tunable White (**2K4K**) not available with Dual Feed Canopies.

System	Type	Power Canopy	Finish
CCDM	TPDBR	1RE	SN
CCDM Cirrus Ceiling Modular Downlight	TPDBL T-Shaped Power Connector, Conductive on 3 Sections, Split in Dual Circuits (Right / Base + Left) TPDBR T-Shaped Power Connector, Conductive on 3 Sections, Split in Dual Circuits (Left / Base + Right)	1RE 1" Rectangle Canopy 4S 4.6" Split Square Canopy	BK Black Powder Paint CH Chrome SN Satin Nickel WH White Powder Paint



T-SHAPED CONNECTOR

Joins three sections of Cirrus Ceiling Modular at 90°. Isolates the power of each section (**TNC**); or electrically conducts the power to section(s): all sections (**TC**), base to left section (**TBL**), base to right section (**TBR**) or straight from left to right section (**TS**).

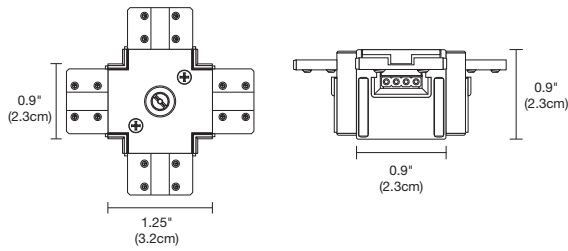
System	Type	Finish
CCDM	TC	SN
CCDM Cirrus Ceiling Modular Downlight	TC T-Shaped Conductive Connector TNC T-Shaped Non-Conductive Connector TBL T-Shaped Connector, Conductive on Base & Left Sections TBR T-Shaped Connector, Conductive on Base & Right Sections TS T-Shaped Connector, Conductive Straight through Left & Right Sections	BK Black Powder Paint CH Chrome SN Satin Nickel WH White Powder Paint

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CIRRUS CEILING S1

SQUARE 1 DOWNLIGHT MODULAR

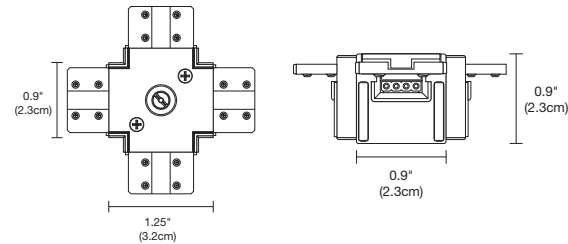
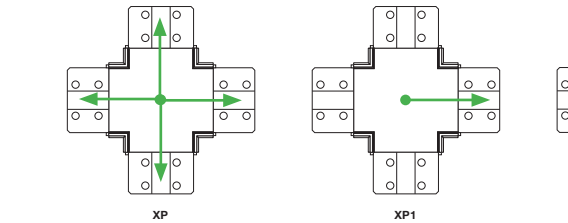
COMPONENTS X-Shaped Connectors



X-SHAPED POWER CONNECTOR WITH CANOPY

X-Shaped Power Connector joins four sections of Cirrus Ceiling Modular Downlight at 90° apart. It electrically conducts the power from a Remote Power Supply to section(s): all sections (**XP**), one section (**XP1**), straight through two sections (**XPS**), two sections with 90° turn (**XP90**), four sections with two 90° turns (**XP290**) or in a T-Shaped section (**XPT**). Includes Power Canopy and 6' of Power Cable, which easily adjusts at the Canopy.

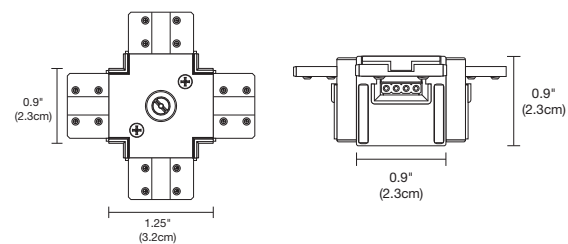
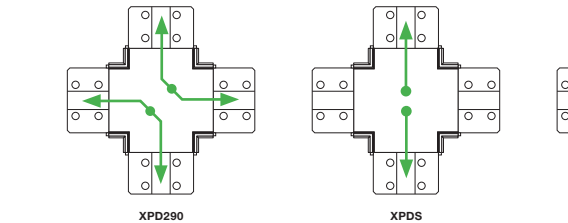
System	Type	Power Canopy	Finish
CCDM	XP	1RE	SN
CCDM Cirrus Ceiling Modular Downlight	XP X-Shaped Power Connector, Conductive on 4 Sections XP1 X-Shaped Power Connector, Conductive on 1 Section XPS X-Shaped Power Connector, Conductive Straight through 2 Sections XP90 X-Shaped Power Connector, Conductive on 2 Sections, Power in Corner XPT X-Shaped Power Connector, Conductive on 3 Sections	1RE 1" Rectangle Canopy 4S 4.6" Split Square Canopy 1RET 1" Rectangle Canopy w/Two Pair Wire for 2K4K 4ST 4.6" Split Square Canopy w/Two Pair Wire for 2K4K	BK Black Powder Paint CH Chrome SN Satin Nickel WH White Powder Paint



X-SHAPED POWER CONNECTOR DUAL CIRCUIT WITH CANOPY

X-Shaped Power Connector Dual Circuit joins four sections of Cirrus Ceiling Modular Downlight at 90° apart. It electrically conducts the power from two Remote Power Supplies to section(s): two sections at 90° (**XP290**), two sections in a straight run (**XPDS**), or two sections in a corner (**XP2**). Includes Power Canopy and 6' of Power Cable, which easily adjusts at the Canopy. Dynamic Tunable White (**2K4K**) not available with Dual Feed Canopies.

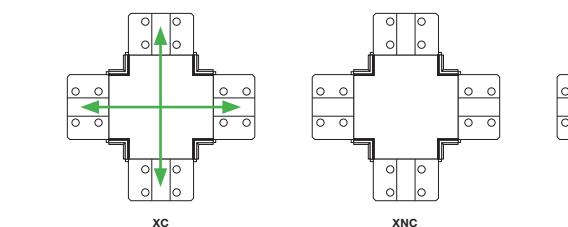
System	Type	Power Canopy	Finish
CCDM	XP290	1RE	SN
CCDM Cirrus Ceiling Modular Downlight	XP290 X-Shaped Power Connector, Conductive on 4 Sections, 2 Power 90° Turns XPDS X-Shaped Power Connector, Conductive on 2 Sections, Straight Power XP2 X-Shaped Power Connector, Conductive on 2 Sections, Power in corner	1RE 1" Rectangle Canopy 4S 4.6" Split Square Canopy	BK Black Powder Paint CH Chrome SN Satin Nickel WH White Powder Paint



X-SHAPED CONNECTOR

X-Shaped Connector joins 4 sections of Cirrus Ceiling Modular Downlight at 90°. It isolates the power of each section (**XNC**); or electrically conducts the power to section(s): all sections (**XC**), straight through two sections (**XS**), two sections with 90° turn (**X90**), four sections with two 90° turns (**X290**) or in a T-Shaped section (**XT**).

System	Type	Finish
CCDM	XC	SN
CCDM Cirrus Ceiling Modular Downlight	XC X-Shaped Conductive Connector XNC X-Shaped Non-Conductive Connector XS X-Shaped Connector, Conductive Straight through 2 Sections X90 X-Shaped Connector, Conductive on 2 Sections, 90° Turn X290 X-Shaped Connector, Conductive on 4 Sections, (2) 90° Turn XT X-Shaped Connector, Conductive on 3 Sections	BK Black Powder Paint CH Chrome SN Satin Nickel WH White Powder Paint

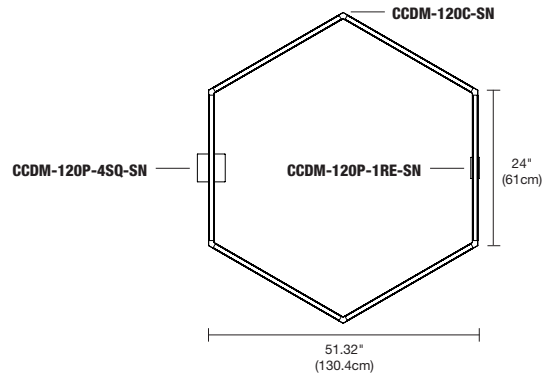


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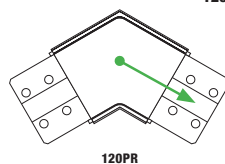
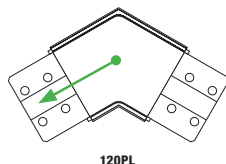
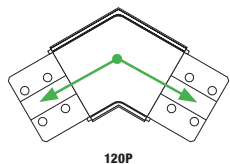
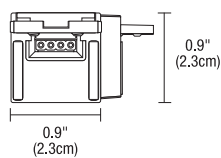
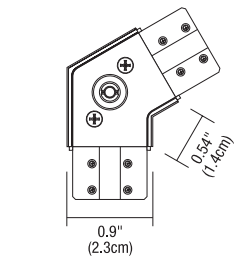
CIRRUS CEILING S1

SQUARE 1 DOWNLIGHT MODULAR

COMPONENTS 120° Connectors



HEXAGON CONFIGURATION, 120° CONNECTORS Use 120P and 120C to design any size from 25"-25'



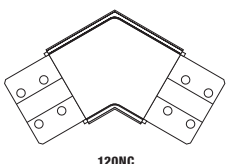
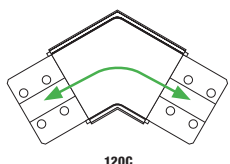
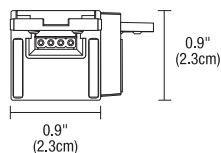
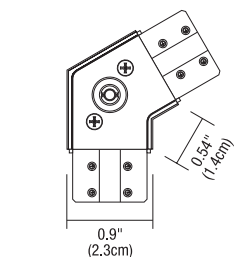
120° POWER CONNECTOR WITH CANOPY

120° Power Connector joins two sections of Cirrus Ceiling Modular Downlight at 120° apart. It electrically conducts the power from a Remote Power Supply to section(s): all sections (**120P**), the left section (**120PL**) or right section (**120PR**). Includes Power Canopy and 6' of Power Cable, which easily adjusts at the Canopy.

System	Type	Power Canopy	Finish
CCDM Cirrus Ceiling Modular Downlight	120P 120° Power Connector 120PL 120° Power Connector, Conductive on Left Sections 120PR 120° Power Connector, Conductive on Right Sections	1RE 1" Rectangle Canopy 4S 4.6" Split Square Canopy 1RET 1" Rectangle Canopy w/Two Pair Wire for 2K4K 4ST 4.6" Split Square Canopy w/Two Pair Wire for 2K4K	BK Black Powder Paint CH Chrome SN Satin Nickel WH White Powder Paint

120° CONNECTOR

120° Connector joins two sections of Cirrus Ceiling Modular Downlight at 120° apart, conducting the power to all sections (**120C**) or isolating the power (**120NC**).



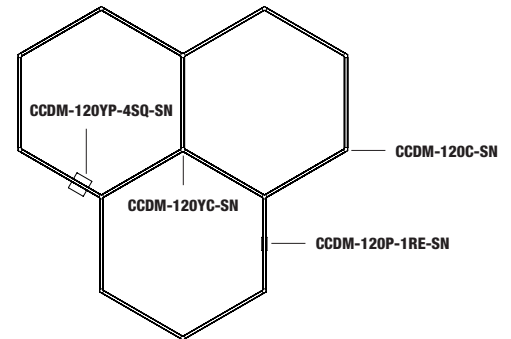
System	Type	Finish
CCDM Cirrus Ceiling Modular Downlight	120C 120° Connector 120NC 120° Non-Conductive Connector	BK Black Powder Paint CH Chrome SN Satin Nickel WH White Powder Paint

PROJECT		FIXTURE TYPE		DATE	
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CIRRUS CEILING S1

SQUARE 1 DOWNLIGHT MODULAR

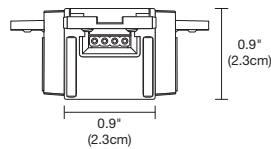
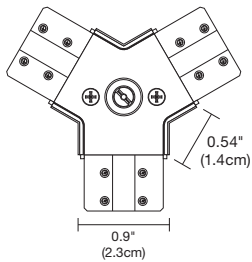
COMPONENTS 120° Y-Shaped Connectors



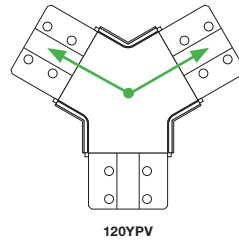
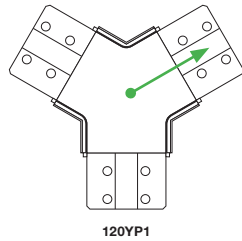
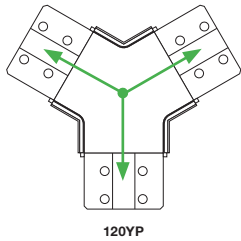
HONEYCOMB CONFIGURATION, 120° CONNECTORS Use 120YP, 120P, 120YC, and 120C to design any size from 25"-25'

120° Y-SHAPED POWER CONNECTOR WITH CANOPY

120° Y-Shaped Power Connector joins and powers three sections of Cirrus Ceiling Modular Downlight at 120° apart. It electrically conducts the power from a Remote Power Supply to section(s): all sections (**120YP**), one section (**120YP1**) or two sections (**120YPV**). Includes Power Canopy and 6' of Power Cable, which easily adjusts at the Canopy.

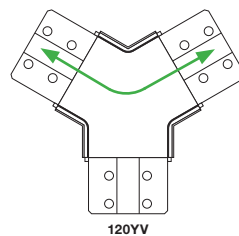
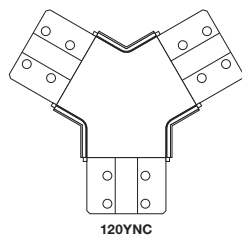
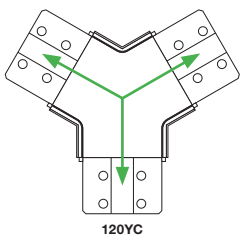
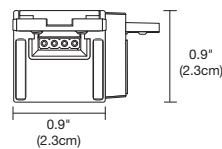
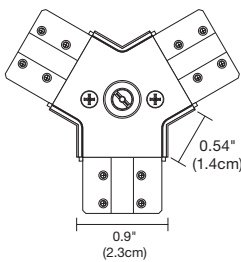


System	Type	Power Canopy	Finish
CCDM	120YP	1RE	SN
CCDM Cirrus Ceiling Modular Downlight	120YP 120° Y-Shaped Power Connector 120YP1 120° Y-Shaped Power Connector, Conductive 1 Section 120YPV 120° Y-Shaped Power Connector, Conductive 2 Sections	1RE 1" Rectangle Canopy 4S 4.6" Split Square Canopy 1RET 1" Rectangle Canopy w/Two Pair Wire for 2K4K 4ST 4.6" Split Square Canopy w/Two Pair Wire for 2K4K	BK Black Powder Paint CH Chrome SN Satin Nickel WH White Powder Paint



120° Y-SHAPED CONNECTOR

120° Y-Shaped Connector joins three sections of Cirrus Ceiling Modular Downlight at 120° apart. It isolates the power of each section (**120YNC**); or electrically conducts the power to section(s): all sections (**120YC**) or straight through two sections (**120YV**). Includes 6' of Adjustable Aircraft Cable and Ceiling Anchors. Dynamic Tunable White (**2K4K**) not available with Dual Feed Canopies.



System	Type	Finish
CCDM	120YC	SN
CCDM Cirrus Ceiling Modular Downlight	120YC 120° Y-Shaped Conductive Connector 120YNC 120° Y-Shaped Non-Conductive Connector 120YV 120° Y-Shaped Conductive Straight through 2 Sections	BK Black Powder Paint CH Chrome SN Satin Nickel WH White Powder Paint

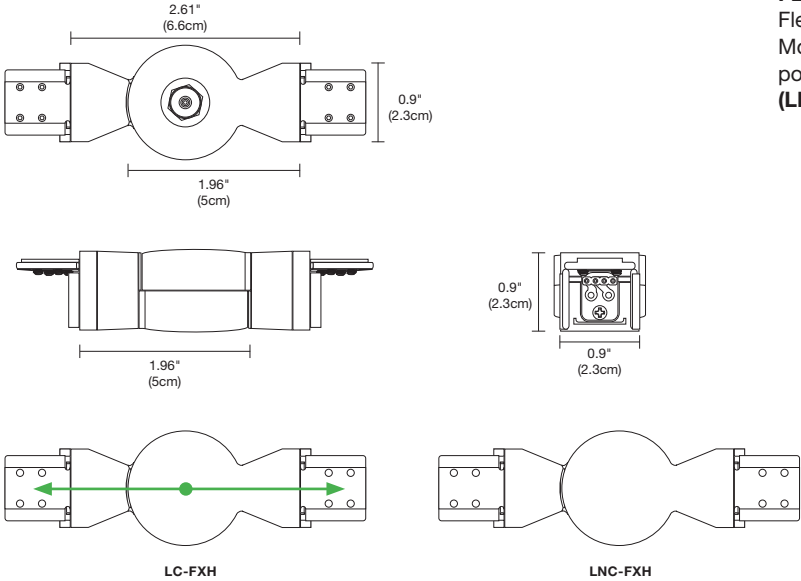
PROJECT		FIXTURE TYPE		DATE	
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CIRRUS CEILING S1

SQUARE 1 DOWNLIGHT MODULAR

COMPONENTS Flexible Horizontal Connectors

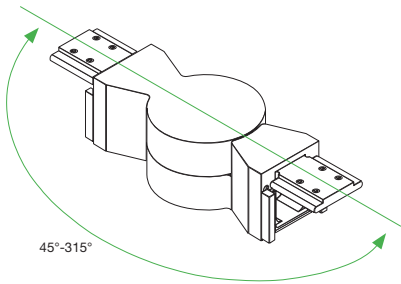
Indicates 24VDC Power Flow



FLEXIBLE HORIZONTAL CONNECTOR

Flexible Horizontal Connector joins two sections of Cirrus Ceiling Modular Downlight at any horizontal angle from 45°-315°. It is electrically powered from the previous Channel (**LC-FXH**) or isolates the power (**LNC-FXH**).

System	Type	Finish
CCDM	LC-FXH	SN
CCDM Cirrus Ceiling Modular Downlight	LC-FXH Flexible Horizontal Conductive Connector LNC-FXH Flexible Horizontal Non-Conductive Connector	SN Satin Nickel

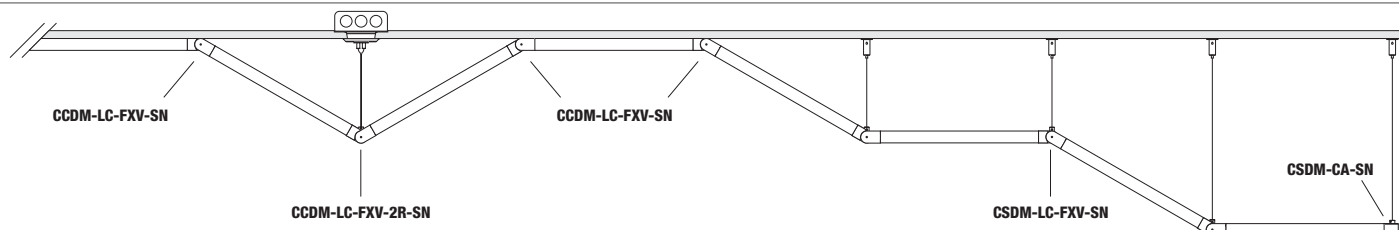


PROJECT		FIXTURE TYPE		DATE	
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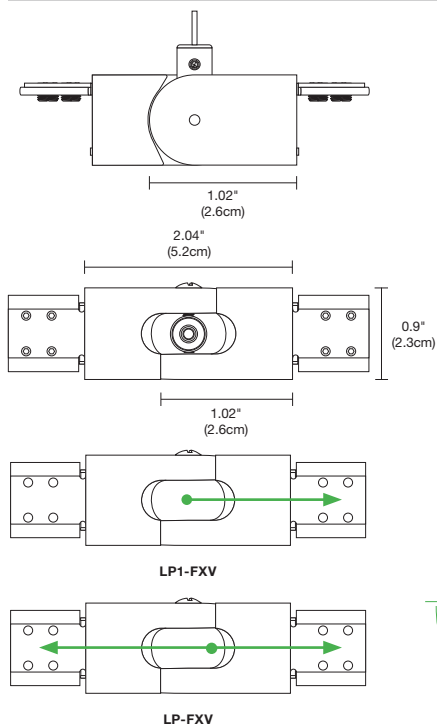
CIRRUS CEILING S1

SQUARE 1 DOWNLIGHT MODULAR

COMPONENTS Flexible Vertical Connectors For Suspension & Ceiling



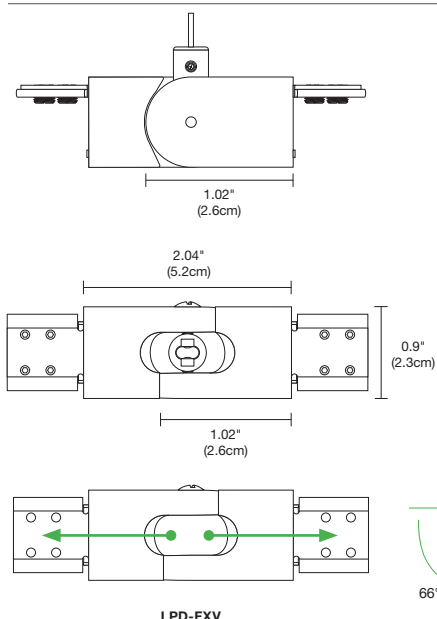
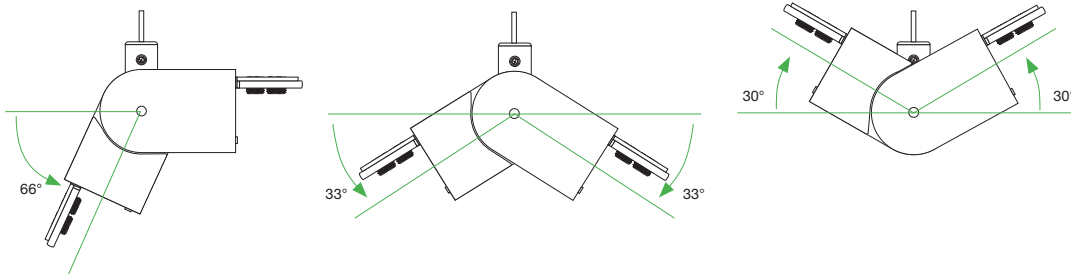
CEILING CONFIGURATION Possible Cirrus configuration using the Flexible Vertical Connectors



FLEXIBLE VERTICAL POWER CONNECTOR WITH CANOPY

Flexible Vertical Power Connector joins two sections of Cirrus Suspension Modular at a vertical angle. Upward angle connections have a range of 0°-30° on each side. Downward angle connections have a range of 0°-66° when only one side of the connector is used or 0°-33° on each side when both sides are used. It electrically powers either 1 section (LP1-FXV) or both sections (LP-FXV) from a remote power supply. Includes 12' of adjustable Aircraft Cable and Ceiling Anchors.

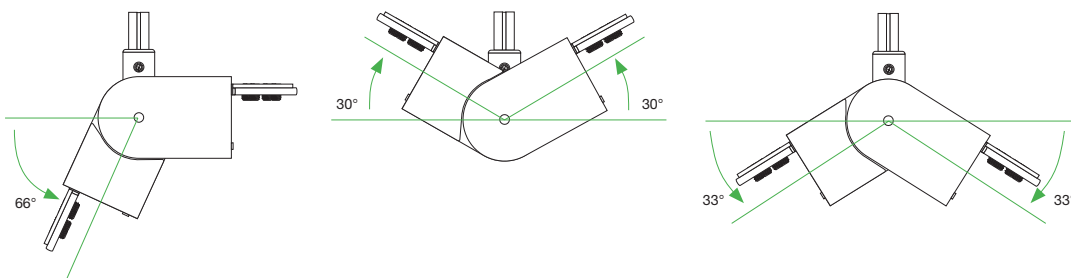
System	Type	Power Canopy	Finish
CSDM	LP-FXV	2R	SN
CSDM Cirrus Suspension Modular Downlight	LP-FXV Flexible Vertical Power Conductive Connector LP1-FXV Flexible Vertical Power Connector, Conductive on 1 Section	2R 2.8" Round Canopy 2S 2.8" Square Canopy 4R 4.6" Round Canopy 4S 4.6" Square Canopy 2RT 2.8" Round Canopy w/Two Pair Wire for 2K4K 2ST 2.8" Square Canopy w/Two Pair Wire for 2K4K 4RT 4.6" Round Canopy w/Two Pair Wire for 2K4K 4ST 4.6" Square Canopy w/Two Pair Wire for 2K4K T Two Pair Wire Use for 2K4K. Leave blank for single Kelvin Color	SN Satin Nickel



FLEXIBLE VERTICAL POWER CONNECTOR DUAL CIRCUIT WITH CANOPY

Flexible Vertical Power Connector Dual Circuit joins two sections of Cirrus Suspension Modular at a vertical angle. Upward angle connections have a range of 0°-30° on each side. Downward angle connections have a range of 0°-66° when only one side of the connector is used or 0°-33° on each side when both sides are used. It electrically powers two sections on separate circuits from two remote power supplies. Includes 12' of adjustable Aircraft Cable and Ceiling Anchors. Dynamic Tunable White (2K4K) not available with Dual Feed Canopies.

System	Type	Power Canopy	Finish
CSDM	LPD-FXV	1RE	SN
CSDM Cirrus Suspension Modular Downlight	LPD-FXV Flexible Vertical Power Connector, Conductive on 2 Sections (Dual Feed)	1RE 1" Rectangle Canopy 4S 4.6" Split Square Canopy	SN Satin Nickel



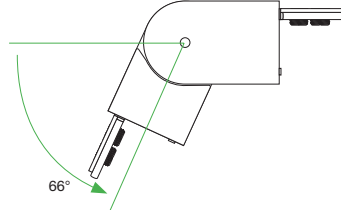
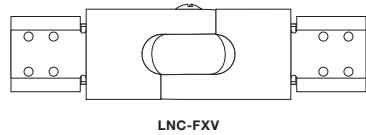
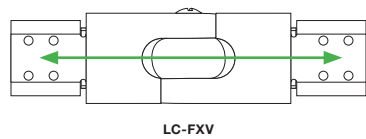
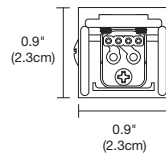
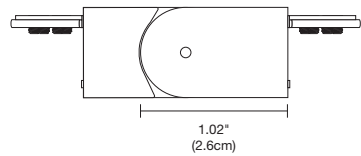
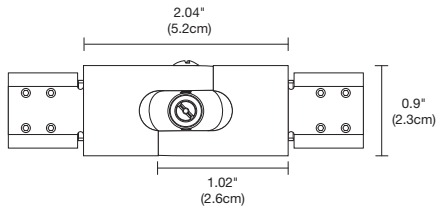
PROJECT		FIXTURE TYPE		DATE	
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CIRRUS CEILING S1

SQUARE 1 DOWNLIGHT MODULAR

COMPONENTS Flexible Vertical Connectors for Suspension & Ceiling

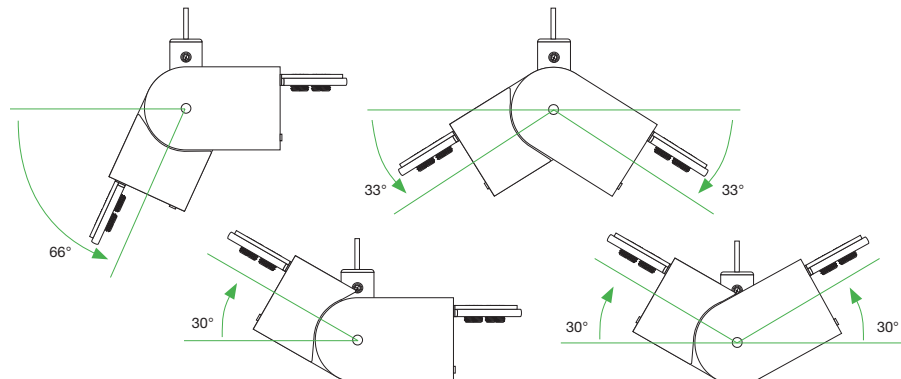
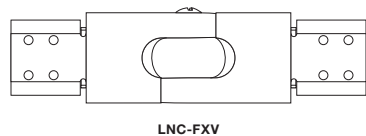
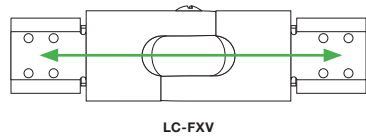
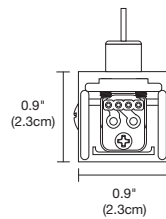
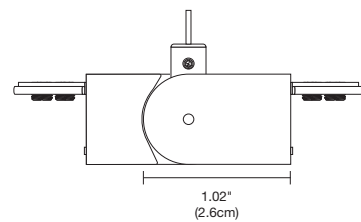
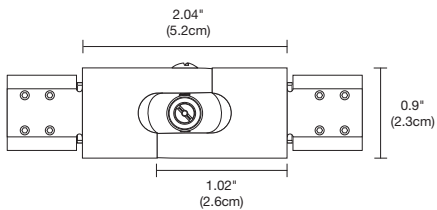
Indicates 24VDC Power Flow



FLEXIBLE VERTICAL CONNECTOR

Flexible Vertical Connector joins two sections of Cirrus Ceiling Modular at a vertical angle. Upward angle connections have a range of 0°-30° on each side. Downward angle connections have a range of 0°-66° when only one side of the connector is used or 0°-33° on each side when both sides are used. It is electrically powered from the previous Channel (**LC-FXV**) or isolates the power (**LNC-FXV**). Includes 6' of adjustable Aircraft Cable and Ceiling Anchors.

System	Type	Finish
CCDM	LC-FXV	SN
CCDM Cirrus Ceiling Modular Downlight	LC-FXV Flexible Vertical Conductive Connector LNC-FXV Flexible Vertical Non-Conductive Connector	SN Satin Nickel



FLEXIBLE VERTICAL CONNECTOR

Flexible Vertical Connector joins sections of Cirrus Ceiling Modular to the Cirrus Suspension Modular at a vertical angle. Upward angle connections have a range of 0°-30° on each side. Downward angle connections have a range of 0°-66° when only one side of the connector is used or 0°-33° on each side when both sides are used. It is electrically powered from the previous channel (**LC-FXV**) or isolates the power (**LNC-FXV**). Includes 12' of adjustable Aircraft Cable and Ceiling Anchors.

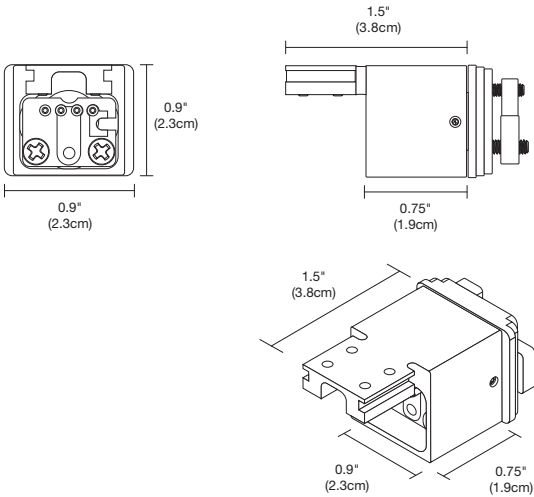
System	Type	Finish
CSDM	LC-FXV	SN
CSDM Cirrus Suspension Modular Downlight	LC-FXV Flexible Vertical Conductive Connector LNC-FXV Flexible Vertical Non-Conductive Connector	SN Satin Nickel

PROJECT		FIXTURE TYPE		DATE	
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CIRRUS CEILING S1

SQUARE 1 DOWNLIGHT MODULAR

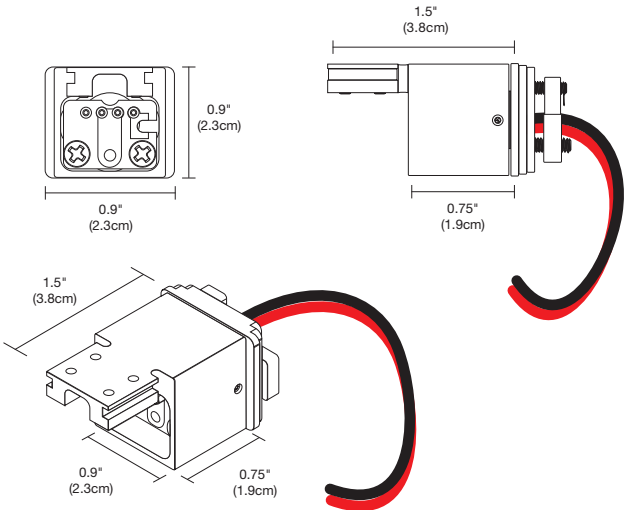
COMPONENTS In & Out Connectors allow for lighting designs using both Cirrus Modular and TruLine .5A



TRULINE .5A IN & OUT CONNECTOR TO CIRRUS MODULAR CEILING & SUSPENSION

TruLine .5A In & Out Connector joins the end of Cirrus Modular Ceiling or Suspension systems to PureEdge Lighting's TruLine .5A recessed extrusion (not conductive).

System	Type	Finish
TL.5A-IO-CIR-D1	CA	SN
TL.5A-IO-CIR-D1 TruLine .5A to Cirrus Modular Ceiling & Suspension	CA End Cap	SN Satin Nickel CH Chrome BK Black WH White



TRULINE .5A IN & OUT POWER CONNECTOR TO CIRRUS MODULAR CEILING & SUSPENSION

TruLine .5A In & Out Power Connector joins and provides power from the end of Cirrus Suspension Modular systems to PureEdge Lighting's TruLine .5A recessed extrusion.

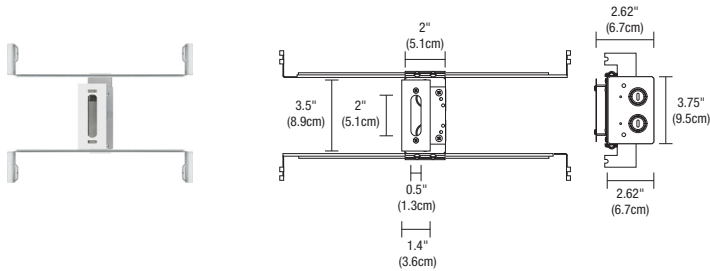
System	Type	Finish
TL.5A-IO-CIR-D1	CAP	SN
TL.5A-IO-CIR-D1 TruLine .5A to Cirrus Modular Ceiling & Suspension	CAP End Cap Power	SN Satin Nickel CH Chrome BK Black WH White

PROJECT		FIXTURE TYPE		DATE	
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CIRRUS CEILING S1

SQUARE 1 DOWNLIGHT MODULAR

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



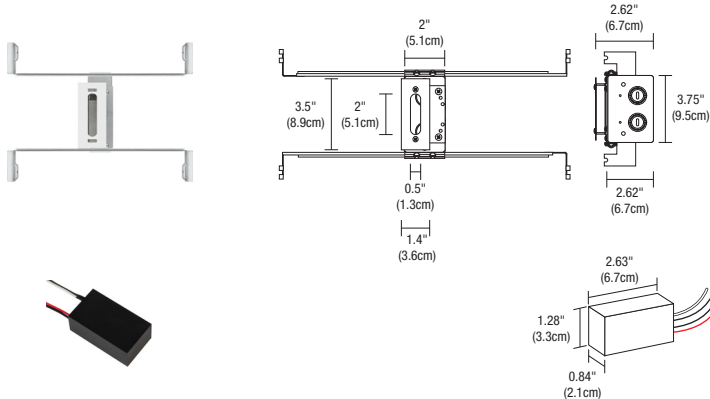
1" RECTANGLE CANOPY & J-BOX

(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.

System	Canopy	Product
C	1RE	JBOX
C Channel	1RE 1" Rectangle	JBOX Junction Box



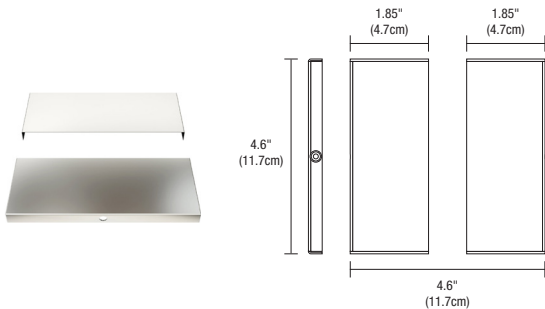
1" RECTANGLE CANOPY & J-BOX WITH 50W POWER SUPPLY

(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.

System	Canopy	Product	Watts	Insulation
CV2	1RE	JBOX	50W	IC
CV2 Channel 24V	1RE 1" Rectangle	JBOX Junction Box	50W 50 Watts	IC Insulated Ceiling



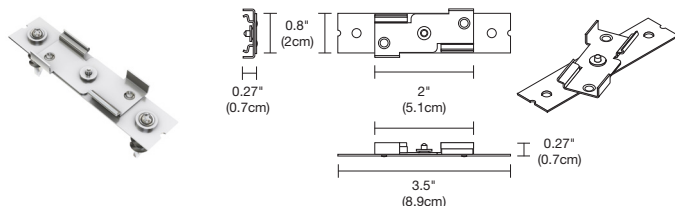
4" SQUARE SPLIT CANOPY

(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.

System	Canopy	Finish
CC	4SQ	SN
CC Cirrus Ceiling	4SQ 4.6" Split Square	BK Satin Black BZ Antique Bronze CH Chrome SB Satin Brass SN Satin Nickel WH White



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.

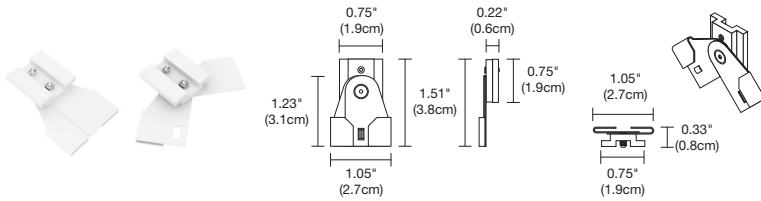
System	Canopy	Type
CC	MCL	L
CC Cirrus Ceiling	MCL Mounting Clip	L Locking

PROJECT		FIXTURE TYPE		DATE	
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CIRRUS CEILING S1

SQUARE 1 DOWNLIGHT MODULAR

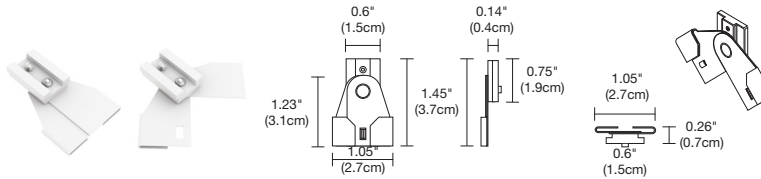
COMPONENTS Connectors, End Cap, & Mounting Clips



CIRRUS CHANNEL T-BAR CEILING MOUNTING CLIP (FOR 1' WIDE T-BAR)

Included with all Channels, 1 per 3'.

System	Type	T-Bar Type	Finish
CCD1M	MCL	TBA	WH
CCD1M Cirrus Channel	MCL Mounting Clip	TBA 1" Wide T-Bar	BK Black WH White



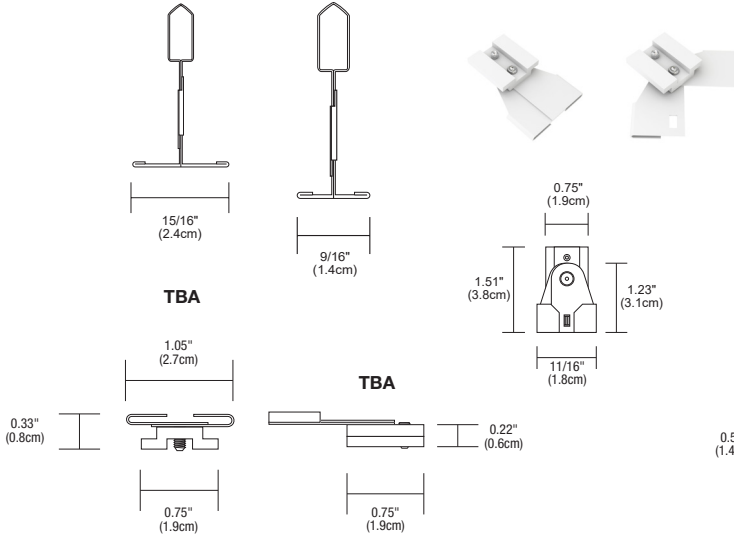
TRACK SURFACE T-BAR CEILING MOUNTING CLIP (FOR 1' WIDE T-BAR)

Included with 1 per 2' of Track.

System	Type	T-Bar Type	Finish
T24	MCL	TB-1	WH
T24 Track Ceiling Surface	MCL Mounting Clip	TB-1 1" Wide T-Bar	BK Black WH White

15/16" TBAR

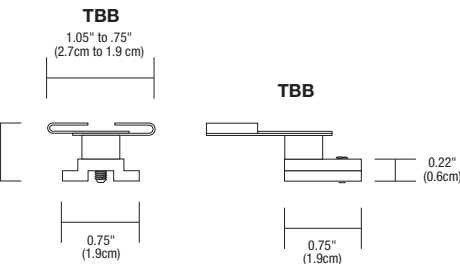
9/16" TBAR



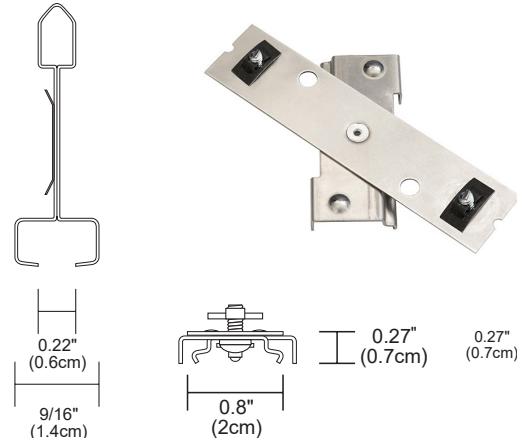
CEILING MOUNTING T-BAR CLIPS FOR 15/16" AND 9/16" CEILING GRID

Mounts flush anywhere along the 15/16" or 9/16" T-Bar grid. One clip included with every two feet of channel, order additional clips if needed.

System	Canopy	Type	Finish
CCD1M	MCL	TBA	WH
CC Cirrus Ceiling	MCL Mounting Clip	TBA 15/16" or 9/16" Wide T-Bar Flush mounted ceiling panels	WH White BK Black
		TBB 15/16" or 9/16" wide T-Bar with ceiling panel 3/8" below grid and channel going over dropped panel	



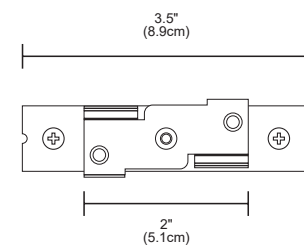
TBAR SLOT



T-BAR SLOT MOUNTING CLIP

Mounts flush anywhere along the 9/16" T-Bar Slotted grid. One clip included with every two feet of channel, order additional clips if needed.

System	Canopy	Type
CC1DM	MCL	TBE
CC Cirrus Ceiling	MCL Mounting Clip	TBE T-Bar Slot











PROJECT	FIXTURE TYPE	DATE
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INDOOR CONSTANT VOLTAGE REMOTE POWER SUPPLIES

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

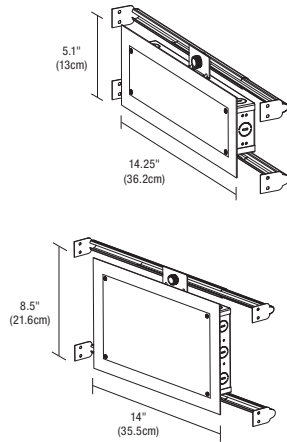
REV 04.17.20

UNIVERSAL POWER SUPPLIES & RECOMMENDED DIMMERS				
ORDERING CODE	PSB-40W-UNI-24VDC	PSB-60W-UNI-24VDC	PSB-2X40W-UNI-24VDC	PSB-2X60W-UNI-24VDC
				
SPECIFICATIONS				
MAXIMUM LOAD	40W	60W	2X40W	2X60W
INPUT VOLTAGE	120-277VAC	120-277VAC	120-277VAC	120-277VAC
OUTPUT VOLTAGE	24VDC	24VDC	24VDC	24VDC
DIMENSIONS	12.4" X 3.12" X 2.18"	12.4" X 3.12" X 2.18"	12.15" X 6.48" X 2.18"	12.15" X 6.48" X 2.18"
CLASSIFICATION	CLASS 2	CLASS 2	CLASS 2	CLASS 2
IN-WALL MOUNTING	PSB-40W-UNI-24VDC-IW	PSB-60W-UNI-24VDC-IW	PSB-2X40W-UNI-24VDC-IW	PSB-2X60W-UNI-24VDC-IW
UNIVERSAL POWER SUPPLIES & RECOMMENDED DIMMERS				
ORDERING CODE	PSB-96W-UNI-24VDC	PSB-2X96W-UNI-24VDC	PSB-3X96W-UNI-24VDC	PSB-4X96W-UNI-24VDC
				
SPECIFICATIONS				
MAXIMUM LOAD	96W	2X96W	3X96W	4X96W
INPUT VOLTAGE	120-277VAC	120-277VAC	120-277VAC	120-277VAC
OUTPUT VOLTAGE	24VDC	24VDC	24VDC	24VDC
DIMENSIONS	12.4" X 3.12" X 2.18"	12.15" X 6.48" X 2.18"	14" X 10" X 3"	17" X 13" X 3"
CLASSIFICATION	CLASS 2	CLASS 2	CLASS 2	CLASS 2
IN-WALL MOUNTING	PSB-96W-UNI-24VDC-IW	PSB-2X96W-UNI-24VDC-IW	NA	NA
ELV DIMMING & CONTROLS				
LUTRON DIVA: DVELV-300P	•	•	•	•
LUTRON SKYLARK: SELV-300P	•	•	•	•
LUTRON RADIO RA2: RRD-6NA	•	•	•	•
LUTRON MAESTRO: MAELV-600	•	•	•	•
LEGRAND ADORNE: ADTP-703TUM4	•	•	•	•
0-10 DIMMING & CONTROLS				
PHILIPS SUNRISE: SR1200ZTUNV	•	•	•	•
LUTRON DIVA: DDTV-WH, DVSTV-WH	•	•	•	•
LUTRON NOVA T: NTSTV-DV-XX	•	•	•	•
LUTRON GRAFIX EYE QS: QSGRJ-XP	•	•	•	•
LUTRON RADIO RA2: RRD-10ND	•	•	•	•
LEVITON: LEV40050	•	•	•	•
LEVITON IP710-LFZ	•	•	•	•
LEGRAND: ADPD4FBL3P2W4	•	•	•	•
TRIAC DIMMING & CONTROLS				
LUTRON SKYLARK: S2-L-WH	•	•	•	•
LUTRON DIVA DVLV-600P-WH	•	•	•	•
LUTRON DIVA DVLV-603P-WH	•	•	•	•
LUTRON MAESTRO MALV-600-WH	•	•	•	•
LUTRON MAESTRO MALV-1000-WH	•	•	•	•
LUTRON MAESTRO MA-R-XX	•	•	•	•

- Flicker free dimming
- Aluminum casing for optimal heat dissipation
- Isolated output power per NEC and UL safety requirements
- UL & ETL recognized/ listed, meets UL 8750, 1310 requirements
- Auto-reset: short circuit, overload and thermal protection
- Class 2 power supply
- Efficient, High power factor > 0.90
- The Solid State Constant Voltage Uni-Power Supply is compatible with most commercially available Dimmers:
 - Triac Dimmer : (Forward Phase) Typically used for the dimming of Incandescent and Low Voltage Magnetic Transformers
 - ELV Dimmer : (Reverse Phase) Dimming of Electronic Low Voltage Transformers and Power Supply's used for LED lighting
 - 0-10 Dimmer : Dims the Low Voltage side of a 0-10 volt power supply commonly used in large scale lighting or commercial applications.
- The Uni-Power Supply is recommended with any Siemens/Murray brand of arc fault breaker to overcome the issues with tripping the breakers with an ELV LED Low Voltage Drivers.

PROJECT		FIXTURE TYPE		DATE	
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IN WALL MOUNTING OPTIONS



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

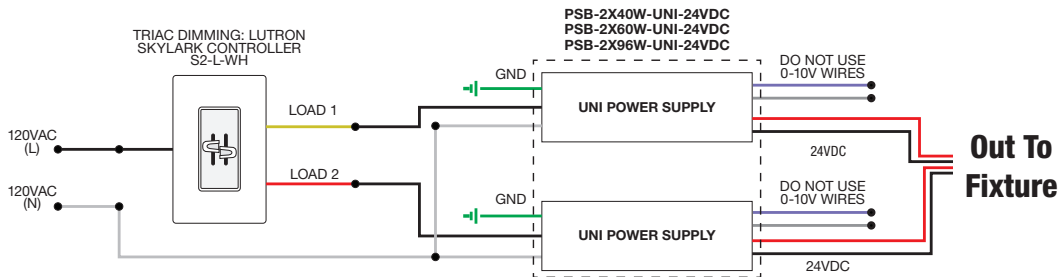
Ordering Codes 5.1 x 14.25 inch: PSB-40W-UNI-24VDC-IW
PSB-60W-UNI-24VDC-IW
PSB-96W-UNI-24VDC-IW

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

WIRING DIAGRAMS UNIVERSAL POWER SUPPLY

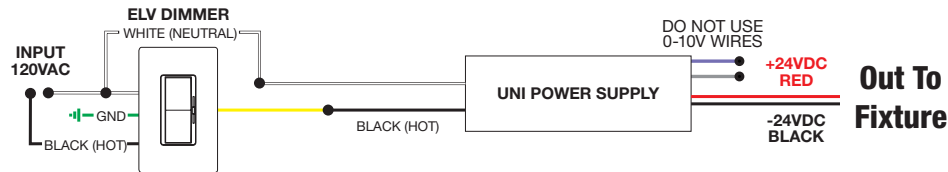
Application: Triac dimming for two power supplies, use for Static White, Dynamic/Tunable White 2000K-4000K

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



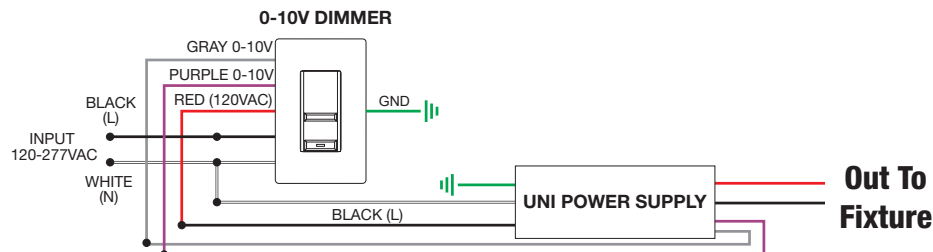
Application: ELV dimming for Static White and Warm Dim

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









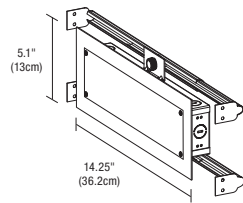
Application: 0-10V dimming for Static White

Dimming: Dimmable with 0-10V dimmer: Philips Sunrise: SR1200ZTUNV; Lutron Diva: DVTV-WH, DVSTV-WH; Lutron Nova T: NTSTV-DV-XX; Lutron Grafix EYE QS: QSGRJ-XP; Lutron Radio Ra2: RRD-10ND; Leviton: LEV40050; Leviton IP710-LFZ; Legrand: ADPD4FBL3P2W4



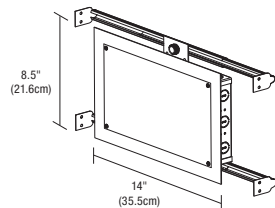
PROJECT		FIXTURE TYPE		DATE	
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0-10 VOLT (010) POWER SUPPLIES & RECOMMENDED DIMMERS†				
ORDERING CODE	PSB-25W-010-24VDC	PSB-60W-010-24VDC	PSB-96W-010-24VDC	PSB-2X96W-010-24VDC
				
SPECIFICATIONS				
MAXIMUM LOAD	25W	60W	96W	2X96W
INPUT VOLTAGE	120VAC	120-277VAC	120-277VAC	120-277VAC
OUTPUT VOLTAGE	24VDC	24VDC	24VDC	24VDC
DIMENSIONS	12.4" X 3.12" X 2.18"	12.4" X 3.12" X 2.18"	12.4" X 3.12" X 2.18"	12.15" X 6.48" X 2.18"
CLASSIFICATION	CLASS 2	CLASS 2	CLASS 2	CLASS 2
IN-WALL MOUNTING	PSB-25W-010-24VDC-IW	PSB-60W-010-24VDC-IW	PSB-96W-010-24VDC-IW	PSB-2X96W-010-24VDC-IW
0-10 VOLT (010) POWER SUPPLIES & RECOMMENDED DIMMERS†				
ORDERING CODE	PSB-3X96W-010-24VDC		PSB-4X96W-010-24VDC	
				
SPECIFICATIONS				
MAXIMUM LOAD	3X96W		4X96W	
INPUT VOLTAGE	120-277VAC		120-277VAC	
OUTPUT VOLTAGE	24VDC		24VDC	
DIMENSIONS	14" X 10" X 3"		17" X 13" X 3"	
CLASSIFICATION	CLASS 2		CLASS 2	
IN-WALL MOUNTING	N/A		N/A	
DIMMING & CONTROLS				
PHILIPS SUNRISE: SR1200ZTUNV	•		•	
LUTRON DIVA: DVTV-WH, DVSTV-WH	•		•	
LUTRON NOVA T: NTSTV-DV-XX	•		•	
LUTRON GRAFIX EYE QS: QSGRJ-XP	•		•	
LUTRON RADIO RA2: RRD-10ND	•		•	
LEVITON: LEV40050	•		•	
LEVITON IP710-LFZ	•		•	
LEGRAND: ADPD4FBL3P2W4	•		•	



5.1 x 14.25 inch In-Wall Mounting Kit: Includes power supply, box cover and stud hangers for installing Junction Box in wall. Select "IW" in the options section of compatible power supply ordering codes if an In-Wall Mounting Kit is needed.

Ordering Codes: PSB-25W-010-24VDC-IW, PSB-60W-010-24VDC-IW, PSB-96W-010-24VDC-IW



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

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

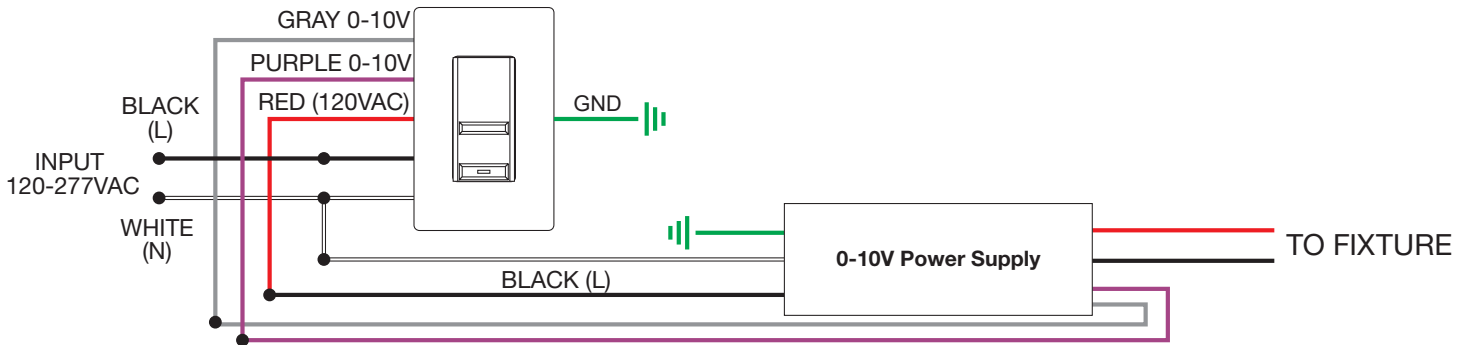
PROJECT		FIXTURE TYPE		DATE	
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SAMPLE WIRING DIAGRAMS 24VDC 010

Application: 0-10V Dimming Applications For Static White and Warm Dim 0-10V Dual Dimming.

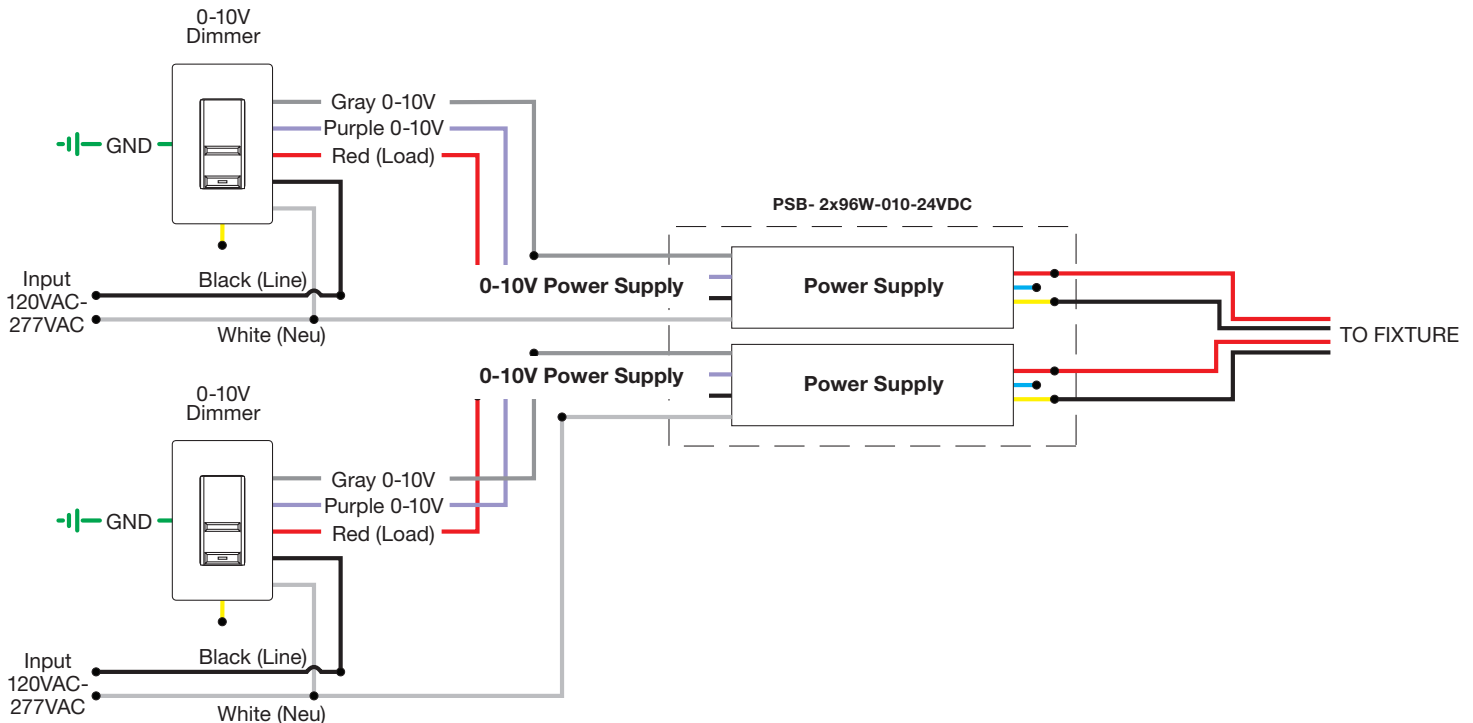
Dimming: Dimmable with 0-10V dimmers: Signify (Phillips) Sunrise: SR1200ZTUNV, Leviton Dimmers: LEV40050, IP710-LFZ, *IP710-DLZ *(Built in LED locator light) Legrand Dimmer: ADPD4FBL3P2W4 Lutron Systems: Lutron GRAFIX Eye QS Main Unit (with DRX-TVI) Radio Ra2 (with GRX-TVI)

0-10V DIMMER










Application: Dual 0-10V dimming for Dynamic/Tunable White 2000K-4000K

Dimming: Dimmable with Dual 0-10V dimmers: Signify (Phillips) Sunrise: SR1200ZTUNV, Leviton Dimmers: LEV40050, IP710-LFZ, *IP710-DLZ *(Built in LED locator light), Legrand Dimmer: ADPD4FBL3P2W4, Lutron Systems: Lutron GRAFIX Eye QS Main Unit (with DRX-TVI) Radio Ra2 (with GRX-TVI)



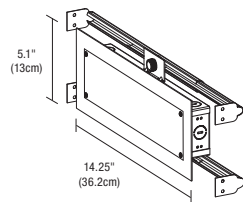
PROJECT		FIXTURE TYPE		DATE	
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ELECTRONIC LOW-VOLTAGE (ELV) POWER SUPPLIES & RECOMMENDED DIMMERS†‡					
ORDERING CODES	PS-60L-ELV-24VDC	PSB-60W-ELV-24VDC	PSB-2X60W-ELV-24VDC	PSB-100W-ELV-24VDC	
					
	SPECIFICATIONS				
	MAXIMUM LOAD	60W NON-IC, 50W-IC (FITS IN JBOX)	60W	2X60W	96W
	INPUT VOLTAGE	120VAC	120VAC	120VAC	120VAC
OUTPUT VOLTAGE	24VDC	24VDC	24VDC	24VDC	
DIMENSIONS	2.25" X 1.25" X 0.83"	8.125" X 2" X 1.75"	12.15" X 6.48" X 2.18"	9.25" X 3.5" X 2"	
CLASSIFICATION	CLASS 2	CLASS 2	CLASS 2	CLASS 2	
IN WALL MOUNTING	N/A	PSB-60W-ELV-24VDC-IW	PSB-2X60W-ELV-24VDC-IW	PSB-100W-ELV-24VDC-IW	
ELECTRONIC LOW-VOLTAGE (ELV) POWER SUPPLIES & RECOMMENDED DIMMERS†‡					
ORDERING CODES	PSB-2X100W-ELV-24VDC	PSB-3X100W-ELV-24VDC	PSB-4X100W-ELV-24VDC		
					
	SPECIFICATIONS				
	MAXIMUM LOAD	2X96W	3X96W	4X96W	
	INPUT VOLTAGE	120VAC	120VAC	120VAC	
OUTPUT VOLTAGE	24VDC	24VDC	24VDC		
DIMENSIONS	12.15" X 6.48" X 2.18"	14" X 10" X 3"	17" X 13" X 3"		
CLASSIFICATION	CLASS 2	CLASS 2	CLASS 2		
IN WALL MOUNTING	PSB-2X100W-ELV-24VDC-IW	N/A	N/A		
DIMMING AND CONTROLS					
LUTRON DIVA: DVELV-300P	•	•	•		
LUTRON SKYLARK: SELV-300P	•	•	•		
LUTRON RADIO RA2: RRD-6NA	•	•	•		
LUTRON MAESTRO: MAELV-600	•	•	•		
LEGRAND ADORNE: ADTP-703TUM4	•	•	•		

†22K - 57K color temperatures are compatible with 0-10V, ELV, and Lutron Hi-lume® Power Supplies. Warm Dim (27D, 30D) color temperatures are only compatible with ELV power supplies. Tunable White (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.

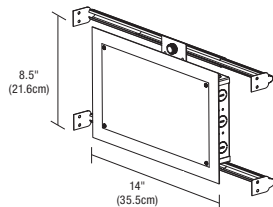
‡Electrical Panels using Siemens/Murray AFCI breakers are not compatible with this ELV transformer. Use 0-10 Volt power supplies with this breaker

With N-Lite Dimming Do Not use ELV power supplies, use only 0-10 volt or Uni drivers power supplies



5.1 x 14.25 inch In-Wall Mounting Kit: Includes power supply, box cover and stud hangers for installing Junction Box in wall. Select "IW" in the options section of compatible power supply ordering codes if an In-Wall Mounting Kit is needed.

Ordering Codes: PSB-60W-ELV-24VDC-IW
PSB-100W-ELV-24VDC-IW



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

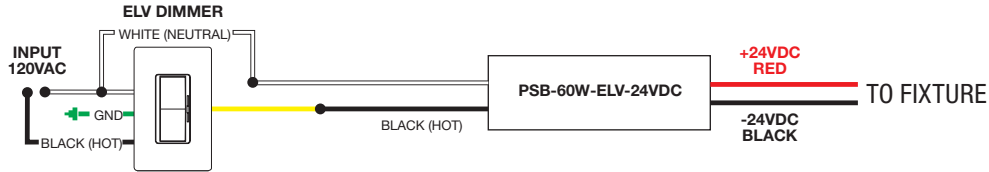
Ordering Codes: PSB-2X60W-ELV-24VDC-IW
PSB-2X100W-ELV-24VDC-IW

PROJECT		FIXTURE TYPE		DATE	
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SAMPLE WIRING DIAGRAMS 24VDC ELV

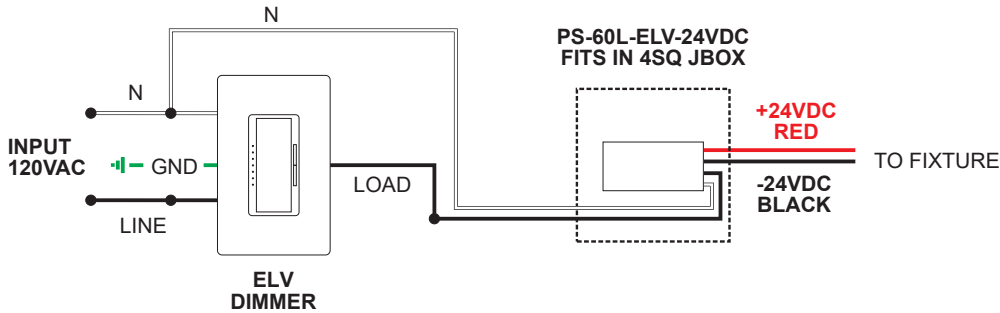
Application: ELV dimming for Static White

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



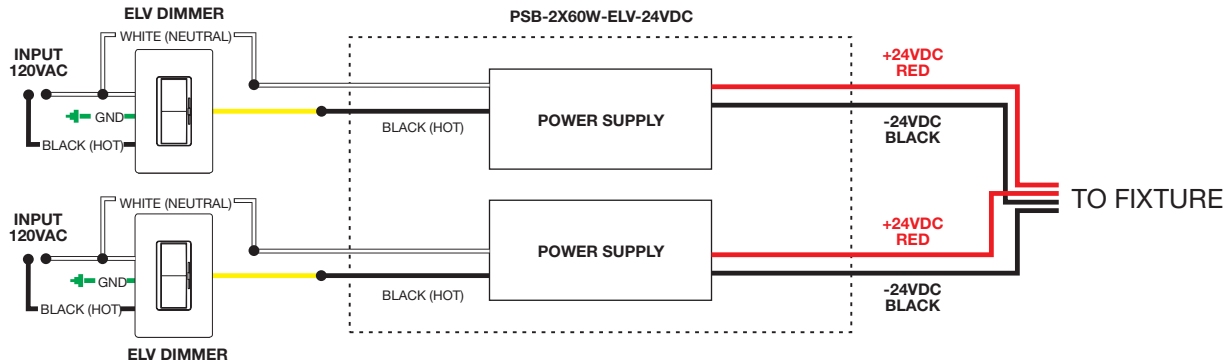
Application: ELV dimming for Static White

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



Application: Dual ELV dimming for Dynamic/Tunable White 2000K-4000K

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






PROJECT		FIXTURE TYPE		DATE	
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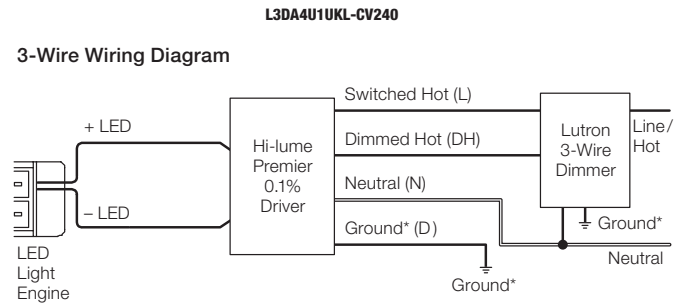
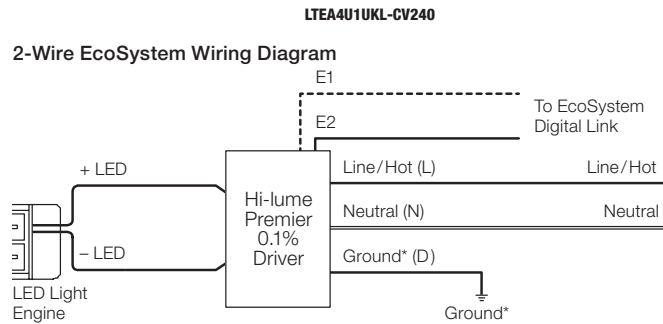
INDOOR CONSTANT VOLTAGE REMOTE POWER SUPPLIES

24VDC, LUTRON ECOSYSTEM

REV. 04.17.20

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.

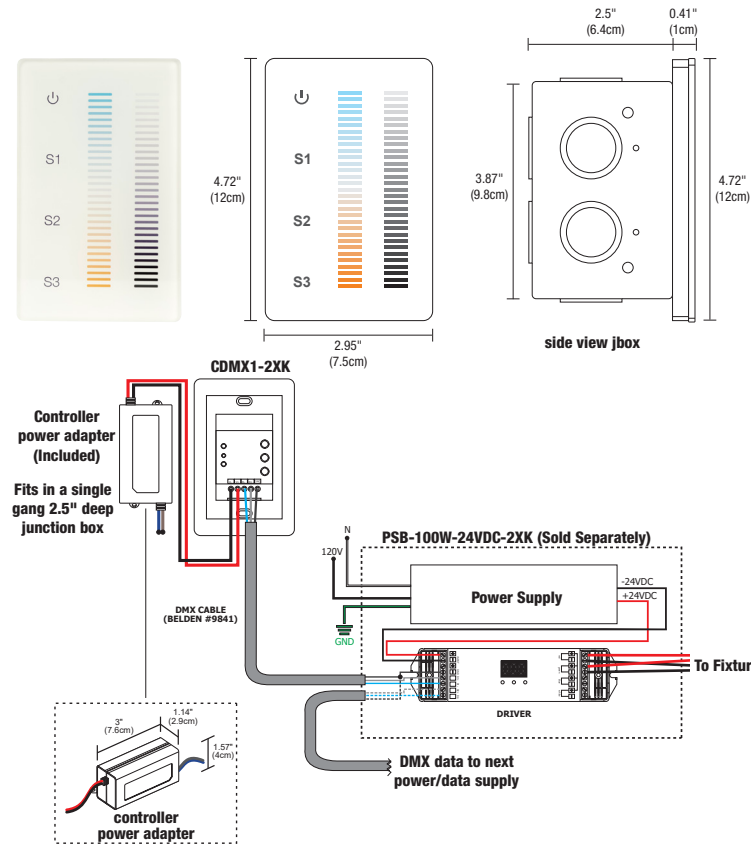


PROJECT		FIXTURE TYPE		DATE	
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INDOOR CONSTANT VOLTAGE REMOTE POWER SUPPLIES

24VDC, DYNAMIC/TUNABLE WHITE POWER SUPPLIES WITH DMX DRIVER

REV. 04.17.20



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 dynamic/tunable white and dual-color LED installations, this controller adjusts color temperature and brightness for warm and cool white LEDs. It also saves 3 preset scenes. Independent smooth dimming with 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

Power Input:

120-240VAC





Installation:

Fits in a single gang 2.5 inch deep junction box, not to be used with a multi gang box

Output Signal:

USITT DMX 512 (1990)

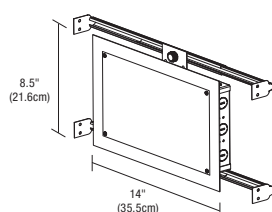
Product	Type	Finish
CDMX1	2XK	WH
CDMX1 DMX Single Zone Touch Controller	2XK 2 X Kelvin	WH White

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	100W	2X100W	3X100W	4X100W
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

- 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.

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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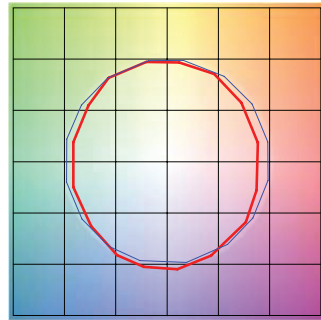
CEILING TM30 DATA

SQUARE 1 DOWNLIGHT MODULAR

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.

2200K | Rf: 83.9 | Rg: 94.9

Color Vector Graphic

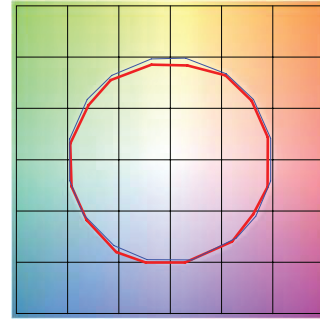


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	78.8	-9.5%	1.3%
2	80.7	-7.8%	6.7%
3	78.2	-3.3%	9.4%
4	89.7	-2.8%	3.6%
5	93.2	-0.8%	2.6%
6	93.0	-0.6%	-0.7%
7	87.7	-5.9%	-3.5%
8	89.2	-6.8%	1.9%
9	83.4	-5.6%	6.0%
10	79.3	-3.7%	10.8%
11	81.4	2.9%	11.1%
12	84.9	5.3%	4.9%
13	88.1	4.9%	-10.1%
14	68.1	0.1%	-19.5%
15	86.0	-3.3%	-7.3%
16	76.4	-8.9%	-11.7%

2400K | Rf: 91.2 | Rg: 96.8

Color Vector Graphic

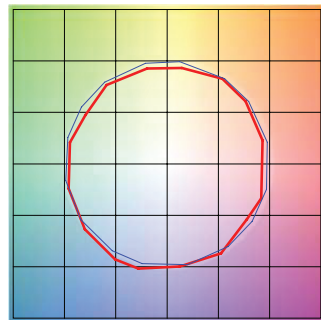


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	92.0	-2.4%	1.5%
2	94.7	-2.1%	0.0%
3	95.4	-1.9%	-0.1%
4	88.7	-6.7%	-3.1%
5	92.8	-5.6%	1.0%
6	92.7	-3.4%	3.4%
7	89.9	-4.3%	4.1%
8	92.4	-1.4%	4.4%
9	89.0	-0.6%	5.8%
10	88.9	0.4%	6.2%
11	89.7	4.0%	5.4%
12	92.6	3.0%	-0.7%
13	90.9	1.1%	-7.0%
14	89.9	0.5%	-5.8%
15	92.1	-3.2%	0.1%
16	88.9	-1.7%	-6.3%

2700K | Rf: 87.7 | Rg: 96.1

Color Vector Graphic

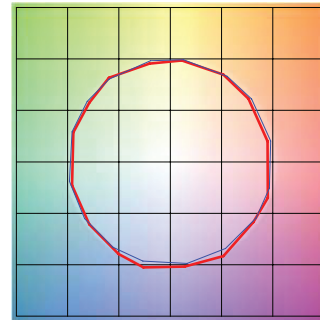


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	86.0	-4.3%	2.6%
2	91.6	-2.4%	2.0%
3	93.7	-1.4%	1.9%
4	88.9	-5.6%	-3.1%
5	92.3	-5.5%	-0.5%
6	92.9	-3.5%	0.1%
7	84.5	-7.5%	4.6%
8	90.8	-3.0%	4.4%
9	84.5	-1.3%	8.3%
10	83.9	2.0%	9.8%
11	87.2	5.3%	7.1%
12	89.2	5.4%	-2.6%
13	88.7	0.3%	-7.8%
14	86.8	1.7%	-9.3%
15	87.6	-5.4%	-1.3%
16	83.6	-3.3%	-9.5%

3000K | Rf: 88.1 | Rg: 99.7

Color Vector Graphic

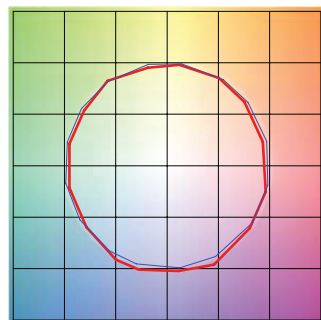


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	92.5	-3.1%	0.3%
2	93.3	-2.3%	1.9%
3	90.9	-0.8%	3.9%
4	94.3	-1.1%	1.4%
5	92.5	-2.6%	1.5%
6	96.4	1.2%	-0.3%
7	92.6	-2.5%	-0.0%
8	96.9	-1.4%	0.2%
9	92.3	-1.8%	4.3%
10	86.6	-0.7%	7.0%
11	86.5	2.4%	8.2%
12	89.8	5.9%	1.7%
13	93.9	2.6%	-2.7%
14	89.4	5.1%	-5.8%
15	90.1	-0.1%	-4.7%
16	86.5	0.3%	-9.7%

3500K | Rf: 86.1 | Rg: 95.5

Color Vector Graphic

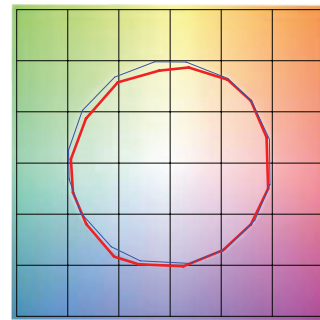


■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	90.8	-3.8%	0.3%
2	92.3	-2.8%	2.1%
3	89.7	-1.0%	4.3%
4	92.6	-1.4%	1.7%
5	91.8	-3.1%	1.3%
6	96.2	0.8%	-0.4%
7	92.9	-3.2%	0.2%
8	94.3	-2.5%	1.5%
9	90.4	-2.5%	5.2%
10	84.3	-1.4%	9.5%
11	83.1	3.5%	9.8%
12	88.2	4.8%	3.4%
13	94.0	2.7%	-2.0%
14	88.7	5.9%	-5.8%
15	88.7	0.7%	-5.9%
16	86.8	-0.7%	-6.7%

4000K | Rf: 87.6 | Rg: 96.8

Color Vector Graphic



■ Test ■ Reference

HUE BIN	Rf	GRAPHIC SHIFTS %	
		CHROMA	HUE
1	88.9	-2.4%	2.5%
2	93.3	-0.4%	0.8%
3	94.8	-1.0%	-0.6%
4	87.9	-4.9%	-3.6%
5	85.3	-9.4%	-2.6%
6	90.2	-6.0%	0.2%
7	85.3	-7.6%	4.6%
8	83.7	-4.1%	8.2%
9	79.5	-1.1%	13.8%
10	78.6	1.5%	12.1%
11	83.5	6.4%	7.8%
12	90.9	3.6%	-1.1%
13	88.3	1.7%	-6.3%
14	91.9	-0.4%	-2.2%
15	84.5	-0.9%	-5.5%
16	84.7	-1.1%	-4.4%

PROJECT		FIXTURE TYPE		DATE	
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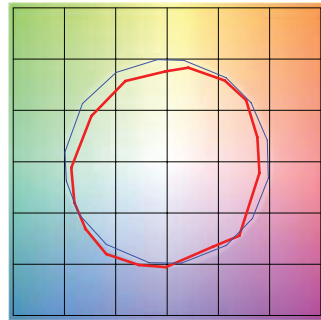
CEILING TM30 DATA

SQUARE 1 DOWNLIGHT MODULAR

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.

5700K | Rf: 80.3 | Rg: 91.5

Color Vector Graphic

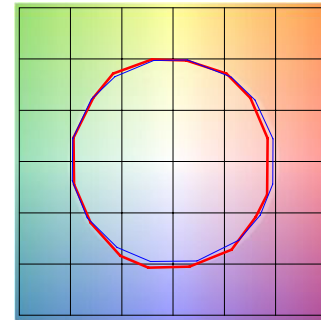


■ Test ■ Reference

		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	75.4	-8.9%	4.7%
2	87.5	-2.6%	4.6%
3	90.7	-3.0%	-0.5%
4	83.2	-6.0%	-5.7%
5	76.2	-12.9%	-5.3%
6	81.4	-11.9%	-2.6%
7	74.8	-14.0%	5.1%
8	69.0	-9.0%	14.1%
9	72.6	-3.6%	22.2%
10	71.4	2.7%	16.1%
11	81.3	7.9%	5.3%
12	83.6	4.1%	-9.4%
13	78.4	0.7%	-15.3%
14	77.7	-6.2%	-11.0%
15	68.8	-1.3%	-21.2%
16	80.8	-9.6%	3.3%

2700D | Rf: 89.5 | Rg: 100.8

Color Vector Graphic

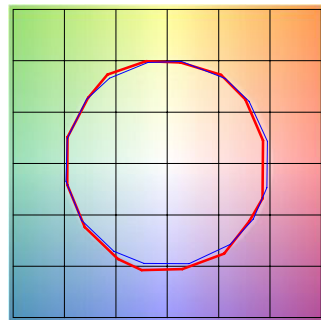


■ Test ■ Reference

		GRAPHIC SHIFTS %	
HUE BIN	Rf	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

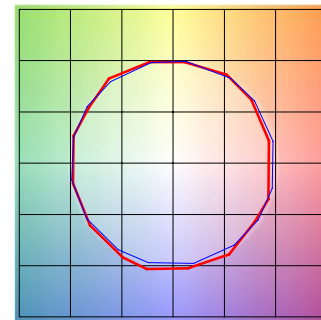


■ Test ■ Reference

		GRAPHIC SHIFTS %	
HUE BIN	Rf	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%

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

Color Vector Graphic

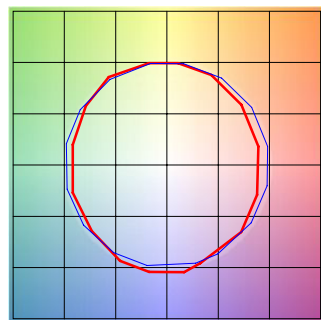


■ Test ■ Reference

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

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

Color Vector Graphic

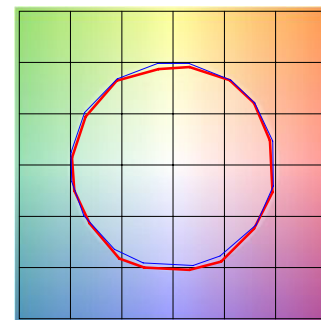


■ Test ■ Reference

		GRAPHIC SHIFTS %	
HUE BIN	Rf	CHROMA	HUE
1	80.3	-8.9%	1.7%
2	79.7	-7.0%	7.8%
3	78.9	-2.9%	10.0%
4	89.5	-0.5%	5.1%
5	94.4	0.7%	1.7%
6	92.1	2.4%	-0.3%
7	89.4	-2.4%	-5.9%
8	89.7	-6.4%	-0.2%
9	86.0	-4.9%	4.6%
10	81.8	-3.4%	9.3%
11	83.1	3.3%	9.7%
12	85.8	5.6%	3.3%
13	85.6	6.2%	-12.8%
14	61.7	-1.9%	-19.0%
15	79.7	-3.3%	-12.9%
16	78.1	-7.9%	-10.6%

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

Color Vector Graphic



■ Test ■ Reference

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

PROJECT		FIXTURE TYPE		DATE	
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