

CIRRUS CEILING D1

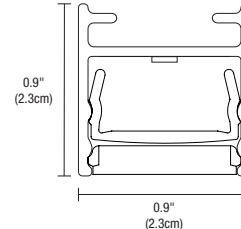
DOWNLIGHT WITH REMOTE POWER

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

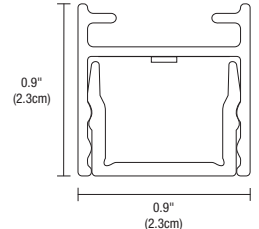
REV 12.03.19



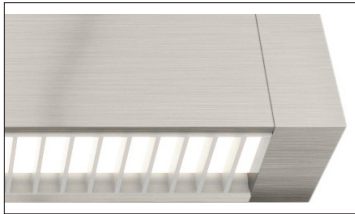
CIRRUS CEILING D1 DOWNLIGHT
(ACTUAL SIZE)



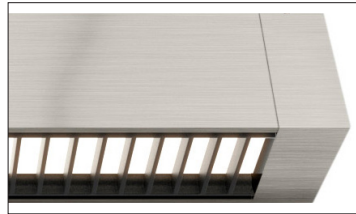
CHANNEL WITH LOUVER
(ACTUAL SIZE)



CHANNEL WITHOUT LOUVER
(ACTUAL SIZE)



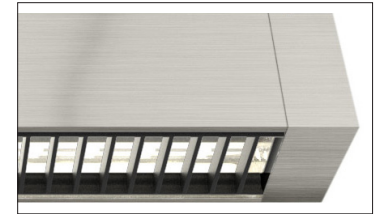
DIFFUSED WHITE LENS WITH WHITE LOUVER



DIFFUSED WHITE LENS WITH BLACK LOUVER



CLEAR FROSTED LENS WITH WHITE LOUVER



CLEAR FROSTED LENS WITH BLACK LOUVER

DESCRIPTION

Cirrus Ceiling D1 is a linear LED fixture that offers direct light in a clean, contemporary style. Cirrus is available in various increments from 12" to 480" (40'), a 60° or 100° beam spread, optional louver, and a variety of finishes with Warm Dim, Tunable White and RGB options. Fixture includes a 5 year warranty.

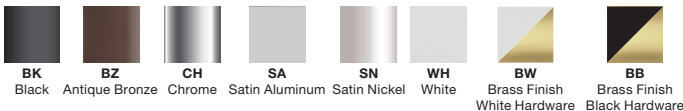
Wattages for this fixture are available in the following options:

- 2W - 2.5 Watts per Foot, Lengths up to 480" (40')
- 5W - 4.4 Watts per Foot, Lengths up to 240" (20')
- 7W - 7.3 Watts per Foot, Lengths up to 156" (13')
- 10W - 9.6 Watts per Foot, Lengths up to 120" (10')

INSTALLATION

- Mounts to a Standard Junction Box, pre-wired from a 60 Watt Non-IC (50W-IC) Power Supply that fits in the ceiling electrical Junction Box or from a Remote Power Supply up to 100 Watts at a maximum 40' away
- Includes your choice of Canopy: 1" Rectangle Junction Box or 4.6" Square Canopy or T-Bar end feed
- Includes Mounting Clips (use one every 24")
- Remote Power Supplies sold separately

FINISHES



LENSES

Diffused White 100° or Clear Frosted* 60° Lens offered with Black or White Louvers

*Clear Frosted 60° Lens with no Louver is excellent for Cove Lighting

APPLICATIONS

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

LAMPING OPTIONS

Static CCT Kelvin Temperatures with Static Color Options:
22K, 24K, 27K, 30K, 35K, 40K, 57K

Warm Dim, Dynamic White Application:

2700K dims to 1900K, 3000K dims to 2200K, 5W ONLY

Tunable White, Variable White, Human Centric Application:

4000K-2000K Color Tuning Range, 5 or 10 Watt options, suitable for warm dim applications, use Remote Power Supplies.

RGB, Dynamic Color Option:

Red, Green, Blue (5 Watt Only)

50,000 Hour Lamp Life

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

- Electronic Low Voltage Dimming (ELV): 100 Watt
- 0-10 Volt Dimming (0-10V)
- Lutron Hi-lume®
- DMX Dynamic Color Changing

*In-Wall Mounting Kits available for select power supplies

System		Wattage Per Foot		Canopy		Nominal Size		Color Temperature		Finish	
CCDS		2W		1R		480		22K		SN	
CCDS	Cirrus Ceiling Diffused lens, Standard Efficiency	2W	2.5 Watts (480" max, 40')	1R	1" Rectangle Canopy	12-480	Order in various increments from 12"- 480" Maximum shipping length for Chrome is 84". *See length chart for on pgs 3 & 4 for exact dimensions	22K	2200K Amber White	BK	Black
CCDH	Cirrus Ceiling Diffused lens, High Efficiency	5W	4.4 Watts (240" max, 20')	4S	4.6" Square Split Canopy			24K	2400K Very Warm White	BB	Brass with Black Hardware
CCCS	Cirrus Ceiling Clear Frosted Lens, Standard Efficiency	7W	7.3 Watts (156" max, 13')	TB	TB clips and 2ft power feed			27K	2700K Incandescent White	BW	Brass with White Hardware
CCCH	Cirrus Ceiling Clear Frosted Lens, High Efficiency	10W	9.6 Watts (120" max, 10')					27D	2700K Warm Dim (5W only)	BZ	Antique Bronze
CCDW	Cirrus Ceiling Diffused Lens with White Louver							30K	3000K Warm White	CH	Chrome
CCDB	Cirrus Ceiling Diffused Lens with Black Louver						30D	3000K Warm Dim (5W only)	SA	Satin Aluminum	
CCCW	Cirrus Ceiling Clear Frosted Lens with White Louver						35K	3500K Neutral White	SN	Satin Nickel	
CCCB	Cirrus Ceiling Clear Frosted Lens with Black Louver						40K	4000K Cool White	WH	White	

PROJECT		FIXTURE TYPE		DATE	
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CIRRUS CEILING D1

DOWNLIGHT WITH REMOTE POWER



DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 12.03.19

LAMP DATA Lamp Data for Cirrus Ceiling D1

CCD1																														
DESCRIPTION	STANDARD EFFICIENCY, 100° DIFFUSED WHITE LENS WITHOUT LOUVER																													
WATTS PER FOOT	2W (2.5 watts)							5W (4.4 watts)							7W (7.3 watts)							10W (9.6 watts)								
COLOR TEMPERATURE	22K	24K	27K	30K	35K	40K	57K	22K	24K	27K	27D*	30K	27D*	35K	40K	57K	22K	24K	27K	30K	35K	40K	57K	22K	24K	27K	30K	35K	40K	57K
LUMENS PER FOOT (lm/ft)	110	115	121	132	152	165	175	112	161.5	211	236	231	259	264	287	306	340.5	357	374	409	469	509	542	402	422	442	483	553	602	640
LUMENS PER WATT (lm/w)	44	46	48	53	61	66	70	43.5	46	48	49	52	54	60	65	69	47	49	51	56	64	70	74	42	44	46	50	58	63	67
CRI	85+	90-	95+	95+	85+	84	84	85+	90+	95+	95+	95+	95+	85+	84	84	85+	90+	95+	95+	85+	84	84	85+	90+	95+	95+	85+	84	84

CCDH																														
DESCRIPTION	HIGH EFFICIENCY, 100° DIFFUSED WHITE LENS WITHOUT LOUVER																													
WATTS PER FOOT	2W (2.5 watts)							5W (4.4 watts)							7W (7.3 watts)							10W (9.6 watts)								
COLOR TEMPERATURE	22K	24K	27K	30K	35K	40K	57K	22K	24K	27K	27D*	30K	27D*	35K	40K	57K	22K	24K	27K	30K	35K	40K	57K	22K	24K	27K	30K	35K	40K	57K
LUMENS PER FOOT (lm/ft)	135.5	142	149	163	187	203	216	236.5	248	260	291	300	318	325	353	376	419	440	461	503	576	627	667	495	519.5	544	594	681	740	788
LUMENS PER WATT (lm/w)	54.5	57	60	65	75	81	86	53.5	56	59	61	68	66	74	80	85	57.5	60	63	69	79	86	91	51.5	54	57	62	71	77	82
CRI	85+	90+	95+	95+	85+	84	84	85+	90+	95+	95+	95+	95+	85+	84	84	85+	90+	95+	95+	85+	84	84	85+	90+	95+	95+	85+	84	84

CCCS																														
DESCRIPTION	STANDARD EFFICIENCY, 60° CLEAR FROSTED LENS WITHOUT LOUVER																													
WATTS PER FOOT	2W (2.5 watts)							5W (4.4 watts)							7W (7.3 watts)							10W (9.6 watts)								
COLOR TEMPERATURE	22K	24K	27K	30K	35K	40K	57K	22K	24K	27K	27D*	30K	27D*	35K	40K	57K	22K	24K	27K	30K	35K	40K	57K	22K	24K	27K	30K	35K	40K	57K
LUMENS PER FOOT (lm/ft)	118	124	130	142	162	177	188	232	243.5	255	236	279	259	320	347	370	365	383	401	438	502	546	581	431	452.5	474	518	593	645	686
LUMENS PER WATT (lm/w)	47.5	50	52	57	65	71	75	53	55	58	49	63	54	73	79	84	50	52.5	55	60	69	75	80	44.5	47	49	54	62	67	71
CRI	85+	90+	95+	95+	85+	84	84	85+	90+	95+	95+	95+	95+	85+	84	84	85+	90+	95+	95+	85+	84	84	85+	90+	95+	95+	85+	84	84

CCCH																														
DESCRIPTION	HIGH EFFICIENCY, 60° CLEAR FROSTED LENS WITHOUT LOUVER																													
WATTS PER FOOT	2W (2.5 watts)							5W (4.4 watts)							7W (7.3 watts)							10W (9.6 watts)								
COLOR TEMPERATURE	22K	24K	27K	30K	35K	40K	57K	22K	24K	27K	27D*	30K	27D*	35K	40K	57K	22K	24K	27K	30K	35K	40K	57K	22K	24K	27K	30K	35K	40K	57K
LUMENS PER FOOT (lm/ft)	145.5	153	160	175	200	217	231	285.5	300	314	291	343	318	393	427	455	448.5	471	493	539	617	671	715	530.5	567	583	637	729	793	844
LUMENS PER WATT (lm/w)	58	61	64	70	80	87	93	65	68	71	61	78	66	89	97	103	61.5	65	68	74	85	92	98	55.5	58	61	66	76	83	88
CRI	85+	90+	95+	95+	85+	84	84	85+	90+	95+	95+	95+	95+	85+	84	84	85+	90+	95+	95+	85+	84	84	85+	90+	95+	95+	85+	84	84

CCDW																														
DESCRIPTION	100° DIFFUSED WHITE LENS WITH WHITE LOUVER																													
WATTS PER FOOT	2W (2.5 watts)							5W (4.4 watts)							7W (7.3 watts)							10W (9.6 watts)								
COLOR TEMPERATURE	22K	24K	27K	30K	35K	40K	57K	22K	24K	27K	27D*	30K	27D*	35K	40K	57K	22K	24K	27K	30K	35K	40K	57K	22K	24K	27K	30K	35K	40K	57K
LUMENS PER FOOT (lm/ft)	91	95.5	100	109	125	136	145	108.5	141	174	218	190	238	218	237	252	281	295	309	338	387	420	448	332	348.5	365	399	457	497	529
LUMENS PER WATT (lm/w)	36.5	38.5	40	44	50	54	58	21.5	31	40	45	43	50	50	54	57	38.5	40	42	46	53	58	61	34.5	36	38	42	48	52	55
CRI	85+	90+	95+	95+	85+	84	84	85+	90+	95+	95+	95+	95+	85+	84	84	85+	90+	95+	95+	85+	84	84	85+	90+	95+	95+	85+	84	84

CCCW																														
DESCRIPTION	60° CLEAR FROSTED LENS WITH WHITE LOUVER																													
WATTS PER FOOT	2W (2.5 watts)							5W (4.4 watts)							7W (7.3 watts)							10W (9.6 watts)								
COLOR TEMPERATURE	22K	24K	27K	30K	35K	40K	57K	22K	24K	27K	27D*	30K	27D*	35K	40K	57K	22K	24K	27K	30K	35K	40K	57K	22K	24K	27K	30K	35K	40K	57K
LUMENS PER FOOT (lm/ft)	112	117.5	123	134	154	167	178	195	204.5	214	229	234	250	268	291	310	346	363	380	415	476	517	550	408.5	429	449	491	562	611	650
LUMENS PER WATT (lm/w)	44.5	46.75	49	54	62	67	71	44.5	46.75	49	48	53	52	61	66	71	47.5	50	52	57	65	71	75	42.5	45	47	51	59	64	68
CRI	85+	90+	95+	95+	85+	84	84	85+	90+	95+	95+	95+	95+	85+	84	84	85+	90+	95+	95+	85+	84	84	85+	90+	95+	95+	85+	84	84

CCDB																														
DESCRIPTION	100° DIFFUSED WHITE LENS WITH BLACK LOUVER																													
WATTS PER FOOT	2W (2.5 watts)							5W (4.4 watts)							7W (7.3 watts)							10W (9.6 watts)								
COLOR TEMPERATURE	22K	24K	27K	30K	35K	40K	57K	22K	24K	27K	27D*	30K	27D*	35K	40K	57K	22K	24K	27K	30K	35K	40K	57K	22K	24K	27K	30K	35K	40K	57K
LUMENS PER FOOT (lm/ft)	52.5	55.5	58	63	72	79	84	91.5	96	101	139	110	152	126	137	146	162	170	178	195	223	243	258	192	201.5	211	230	264	287	305
LUMENS PER WATT (lm/w)	21	22	23	25	29	31	33	21	22	23	29	25	32	29	31	33	22	23	24	27	31	33	35	20	21	22	24	27	30	32
CRI	85+	90+	95+	95+	85+	84	84	85+	90+	95+	95+	95+	95+	85+	84	84	85+	90+	95+	95+	85+	84	84	85+	90+	95+	95+	85+	84	84



CIRRUS CEILING D1

DOWNLIGHT WITH REMOTE POWER



DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 12.03.19

LENGTH CHART Actual lengths for Cirrus Ceiling D1

22K, 27K, 30K, 35K, 40K, 57K, 2K4K & RGB							
Ordering Code (Nominal Size)	Actual Length (Inches)	Ordering Code (Nominal Size)	Actual Length (Inches)	Ordering Code (Nominal Size)	Actual Length (Inches)	Ordering Code (Nominal Size)	Actual Length (Inches)
12	13.0	168	169.4	324	325.8	480 (Max Length 2.5 Watts)	482.2
15	15.4	171	171.8	327	328.2		
17	17.8	173	174.2	329	330.6		
20	20.2	176	176.6	332	333.0		
22	22.6	178	179.0	334	335.4		
24	25.0	180	181.4	336	337.8		
27	27.4	183	183.8	339	340.2		
29	29.8	185	186.2	341	342.6		
32	32.2	188	188.6	344	345.0		
34	34.6	190	191.0	346	347.4		
36	37.0	192	193.4	348	349.8		
39	39.4	195	195.8	351	352.2		
41	41.8	197	198.2	353	354.6		
44	44.2	200	200.6	356	357.0		
46	46.6	202	203.0	358	359.4		
48	49.0	204	205.4	360	361.8		
51	51.4	207	207.8	363	364.6		
53	53.8	209	210.2	365	367.0		
56	56.2	212	212.6	368	369.4		
58	58.6	214	215.0	370	371.8		
60	61.0	216	217.4	372	374.2		
63	63.4	219	219.8	375	376.6		
65	65.8	221	222.2	377	379.0		
68	68.2	224	224.6	380	381.4		
70	70.6	226	227.0	382	383.8		
72	73.0	228	229.4	384	386.2		
75	75.4	231	231.8	387	388.6		
77	77.8	233	234.2	389	391.0		
80	80.2	236	236.6	392	393.4		
82	82.6	238	239.0	394	395.8		
84 (Max Chrome Length)	85.0	240 (2K4K & RGB & Warm Dim max, 5 Watt Max)	241.4	396	398.2		
87	87.4	243	244.2	399	400.6		
89	89.8	245	246.6	401	403.0		
92	92.2	248	249.0	404	405.4		
94	94.6	250	251.4	406	407.8		
96	97.0	252	253.8	408	410.2		
99	99.4	255	256.2	411	412.6		
101	101.8	257	258.6	413	415.0		
104	104.2	260	261.0	416	417.4		
106	106.6	262	263.4	418	419.8		
108	109.0	264	265.8	420	422.2		
111	111.4	267	268.2	423	424.6		
113	113.8	269	270.6	425	427.0		
116	116.2	272	273.0	428	429.4		
118	118.6	274	275.4	430	431.8		
120 (10 Watt Max)	121.0	276	277.8	432	434.2		
123	123.8	279	280.2	435	436.6		
125	126.2	281	282.6	437	439.0		
128	128.6	284	285.0	440	441.4		
130	131.0	286	287.4	442	443.8		
132	133.4	288	289.8	444	446.2		
135	135.8	291	292.2	447	448.6		
137	138.2	293	294.6	449	451.0		
140	140.6	296	297.0	452	453.4		
142	143.0	298	299.4	454	455.8		
144	145.4	300	301.8	456	458.2		
147	147.8	303	304.2	459	460.6		
149	150.2	305	306.6	461	463.0		
152	152.6	308	309.0	464	465.4		
154	155.0	310	311.4	466	467.8		
156 (7 Watt Max)	157.4	312	313.8	468	470.2		
159	159.8	315	316.2	471	472.6		
161	162.2	317	318.6	473	475.0		
164	164.6	320	321.0	476	477.4		
166	167.0	322	323.4	478	479.8		

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PROJECT		FIXTURE TYPE		DATE	
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CIRRUS CEILING D1
DOWNLIGHT WITH REMOTE POWER



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REV 12.03.19

LENGTH CHART Actual lengths for Cirrus Ceiling D1

27D, 30D WARM DIM LENGTH CHART	
	
Ordering Code (Nominal Size)	Actual Length (Inches)
13.0	13.0
16.0	16.0
19.0	19.0
22.0	22.0
25.0	25.0
28.0	28.0
31.0	31.0
34.0	34.0
37.0	37.0
40.0	40.0
43.0	43.0
46.0	46.0
49.0	49.0
52.0	52.0
55.0	55.0
58.0	58.0
61.0	61.0
64.0	64.0
67.0	67.0
70.0	70.0
73.0	73.0
76.0	76.0
79.0	79.0
82.0	82.0
85.0	85.0
88.0	88.4
91.0	91.4
94.0	94.4
97.0	97.4
100.0	100.4
103.0	103.4
106.0	106.4
109.0	109.4
112.0	112.4
115.0	115.4
118.0	118.4
121.0	121.4
124.4	124.4
127.4	127.4
130.4	130.4
133.4	133.4
136.4	136.4
139.4	139.4
142.4	142.4
145.4	145.4
148.4	148.4

PROJECT		FIXTURE TYPE		DATE	
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CIRRUS CEILING D1

DOWNLIGHT WITH REMOTE POWER

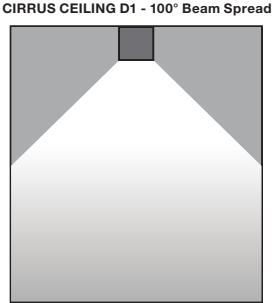
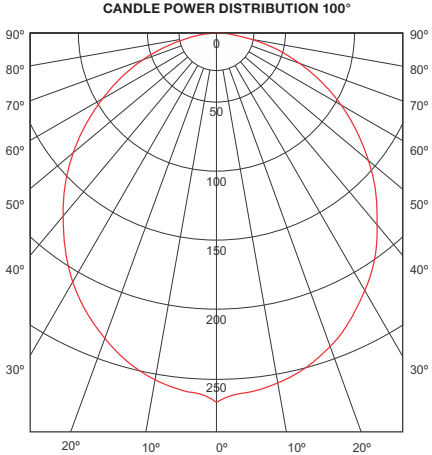
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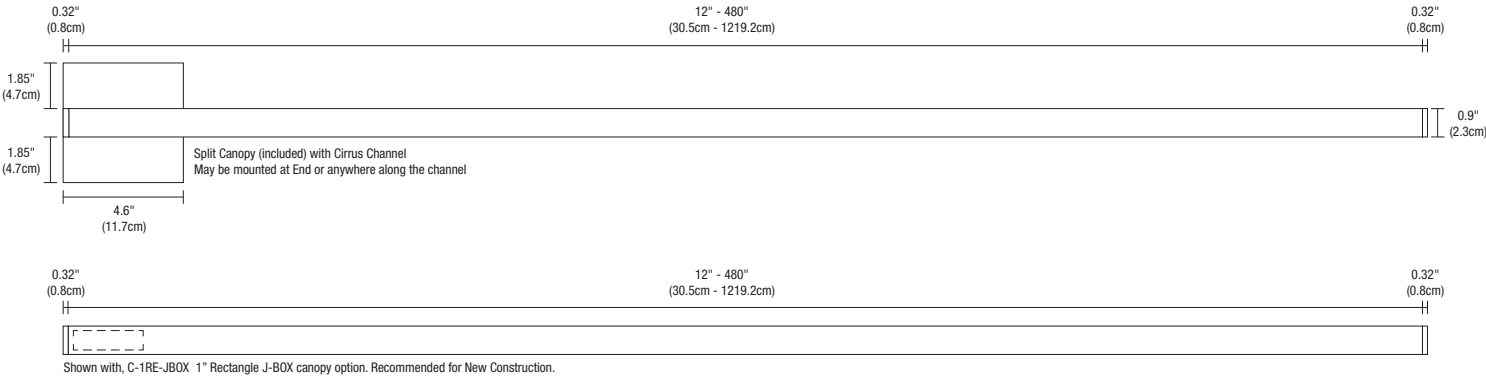
REV 12.03.19

8" CCDH, 3000K			
2.5 Watt 100°		5 Watt 100°	
Distance	Foot Candles	Distance	Foot Candles
2'	43	2'	71
3'	28	3'	46
4'	19	4'	32
6'	11	6'	18
8'	6	8'	12

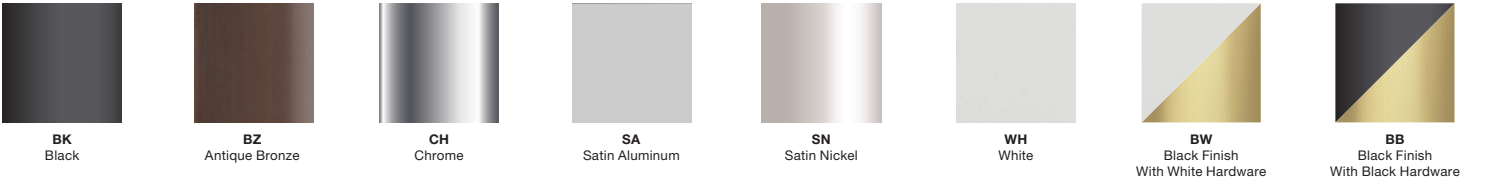
7 Watt 100°		10 Watt 100°	
Distance	Foot Candles	Distance	Foot Candles
2'	115	2'	132
3'	74	3'	85
4'	61	4'	61
6'	36	6'	36
8'	22	8'	22



DRAWINGS Canopy & Channel drawings for the Cirrus Ceiling D1



FINISHES The finishes available for Cirrus Ceiling D1



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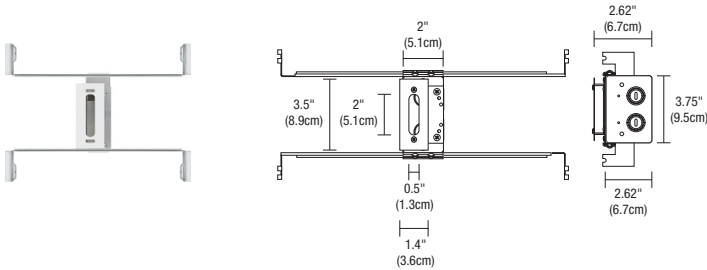
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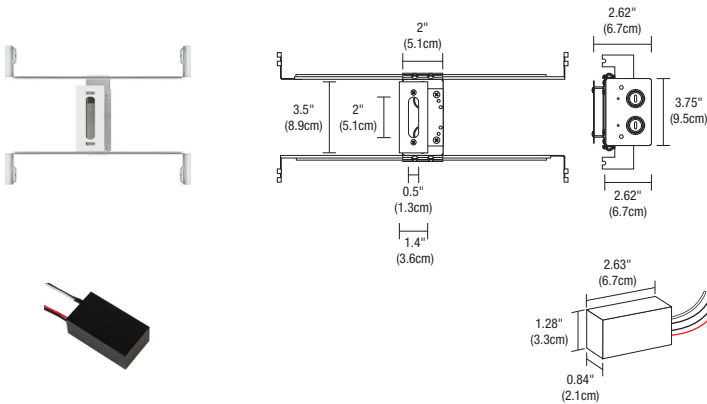
COMPONENTS J-box, Split Canopies, & Mounting Clips are included and sold separately for replacement



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.

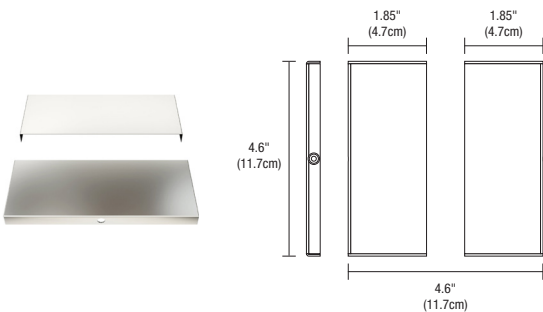
System	Canopy	Product
C	1RE	JBOX
C Channel	1RE 1" Rectangle	JBOX Junction Box



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.

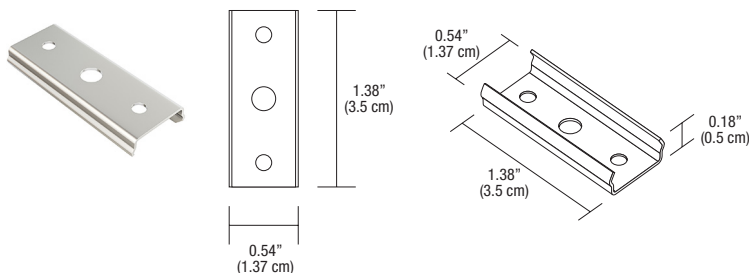
System	Canopy	Product	Watts	Insulation
CV2	1RE	JBOX	50W	IC
CV2 Channel 24V	1RE 1" Rectangle	JBOX Junction Box	50W 50 Watts	IC Insulated Ceiling



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 fits flush, may float anywhere along the channel and comes in six 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 WITH ORDERING CODE CANOPY 1R OR 4S)

Ceiling Mounting spring clips are provided with every 2ft of Cirrus Ceiling Channel. The Clip snaps into the channel, staying securely fastened to the ceiling or wall.

System	Canopy
CC	MCL
CC Cirrus Ceiling	MCL Mounting Clip

PROJECT	FIXTURE TYPE	DATE
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CIRRUS CEILING D1

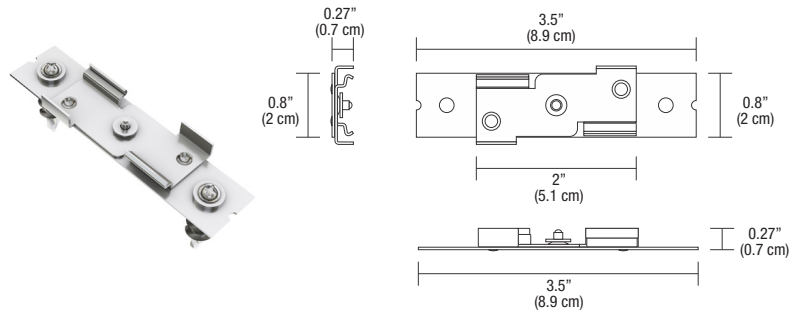
DOWNLIGHT WITH REMOTE POWER

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA



REV 12.03.19

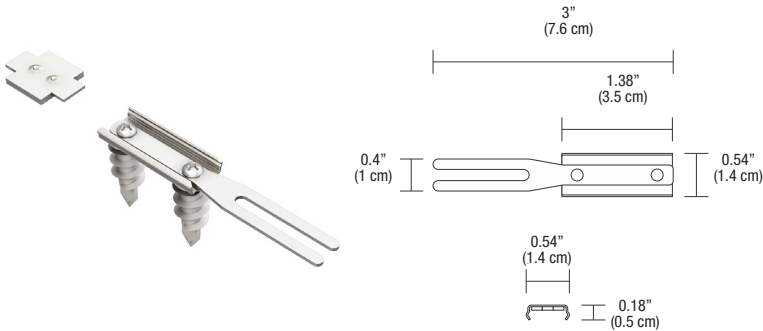
COMPONENTS J-box, Split Canopies, & Mounting Clips are included and sold separately for replacement



CEILING MOUNTING LOCKING CLIP (ORDER SEPARATELY)

Ceiling Mounting Locking Clips may be ordered separately for extra support. The channel slides into the clip and locks in place staying securely fastened to the ceiling or to the wall.

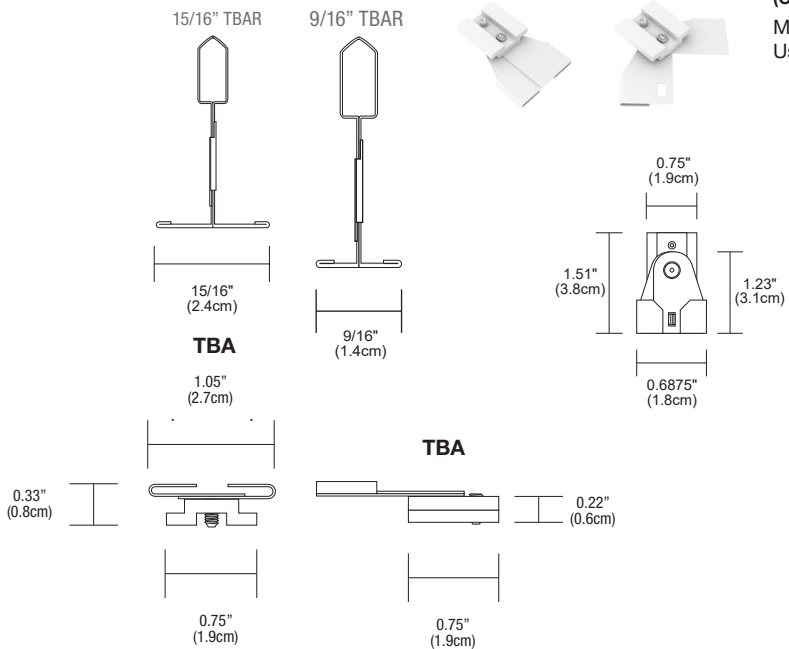
System	Canopy	Type
CC	MCL	L
CC Cirrus Ceiling	MCL Mounting Clip	L Locking



FORK LOCKING CLIP (ORDER SEPARATELY)

Fork locking clip for ceiling or wall Mounting. One locking Spring clip is provided with every Cirrus Channel. The channel slides into the Fork locking Clip keeping the fixture secure.

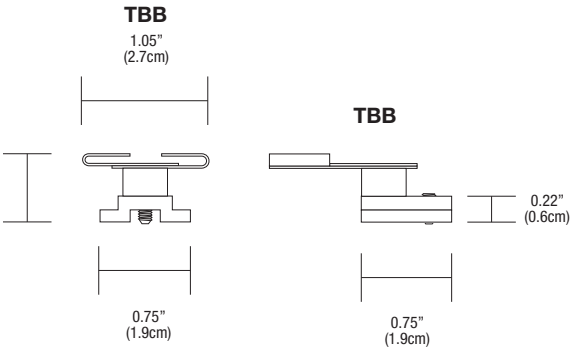
System	Canopy	Type
CC	MCL	FL
CC Cirrus Ceiling	MCL Mounting Clip	FL Fork Locking



CEILING MOUNTING T-BAR CLIPS FOR 15/16" (ORDER SEPARATELY)

Mounts flush anywhere along the 15/16" or 9/16" T-Bar grid. Use one every two feet.

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



PROJECT	FIXTURE TYPE	DATE
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CIRRUS CEILING D1

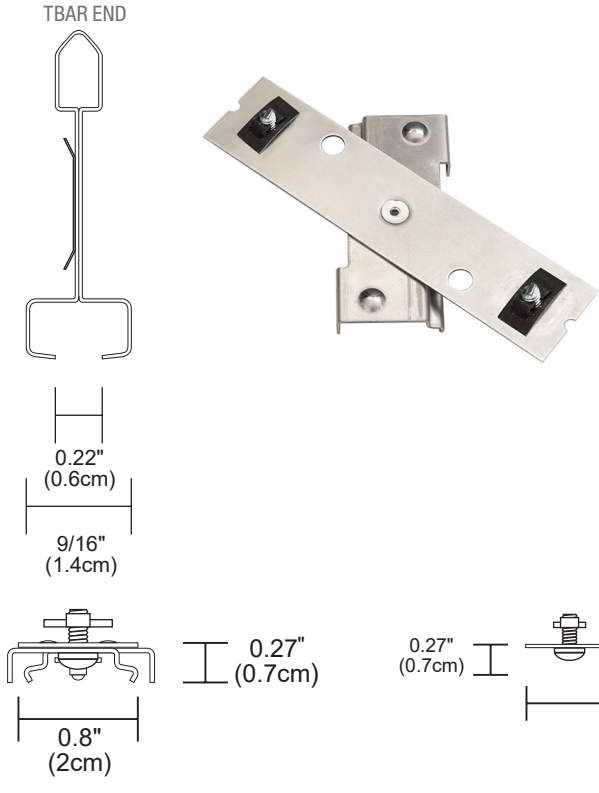
DOWNLIGHT WITH REMOTE POWER

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA



REV 12.03.19

COMPONENTS Connectors, End Cap, & Mounting Clips



T-BAR END MOUNTING CLIP (ORDER SEPARATELY)

Mounts flush anywhere along the 9/16" T-Bar grid. Use one every two feet.

System	Canopy	Type
CCD1M	MCL	TBE
CCD1M Cirrus Ceiling	MCL Mounting Clip	TBE T-Bar End

PROJECT		FIXTURE TYPE		DATE	
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WIRING DIAGRAM Wiring Diagram for Static White with Dimmer

APPLICATION

ELV dimming for Cirrus Ceiling D1, End Feed Canopy, Static White

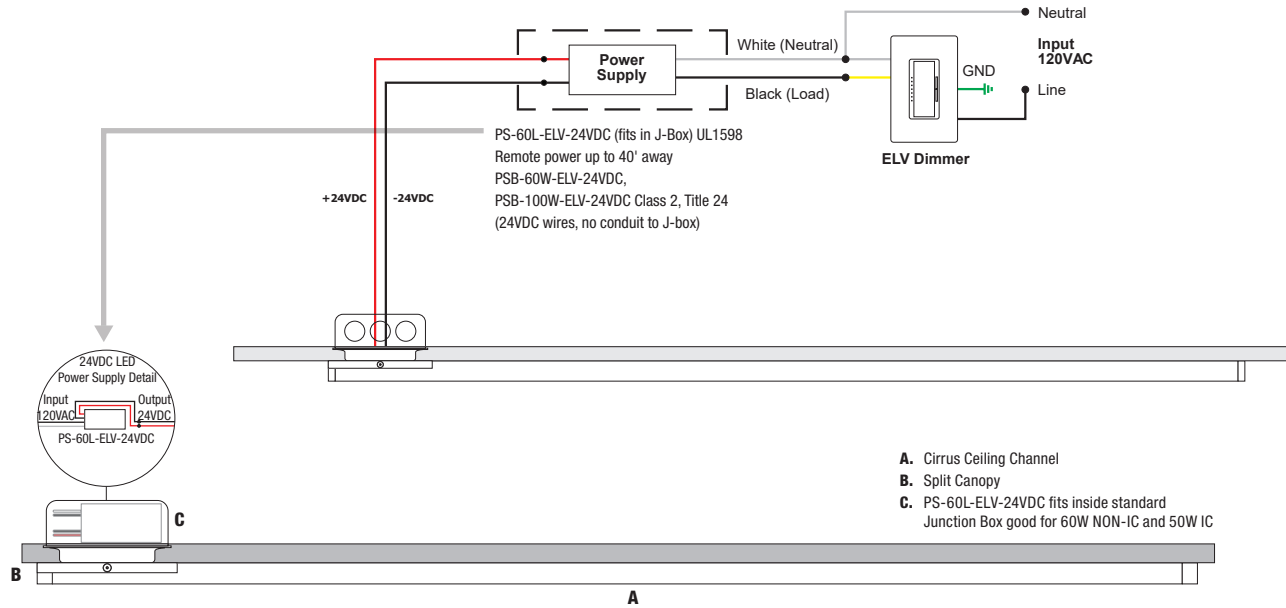
REMOTE POWER SUPPLY

Class 2: 24VDC output; 120VAC input | PS-60L-ELV-24VDC (fits in J-box) | PSB-60W-ELV-24VDC
PSB-100W-ELV-24VDC

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

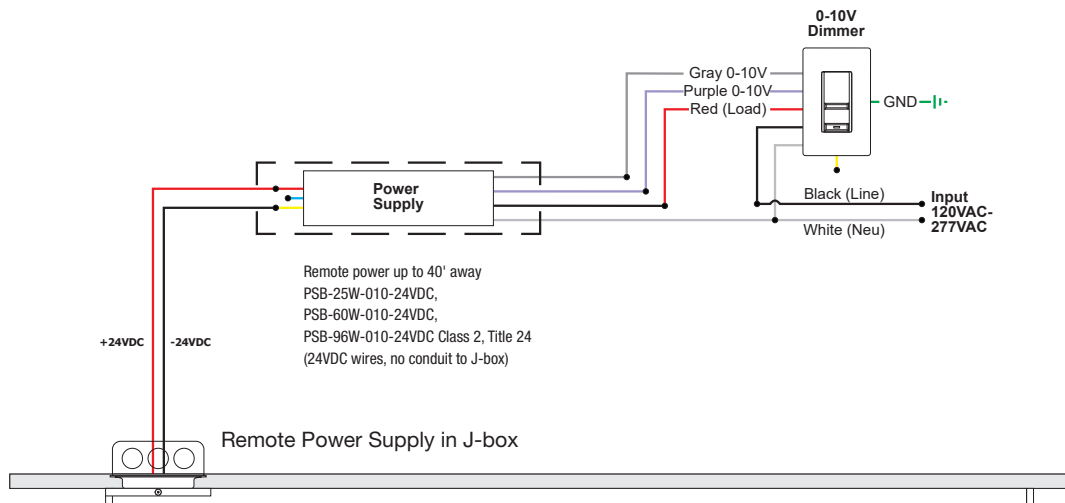
0-10V dimming for Cirrus Ceiling D1, End Feed Canopy, Static White

REMOTE POWER SUPPLY

Class 2: 24VDC output; 120/277VAC input | PSB-60W-010-24VDC | PSB-100W-010-24VDC

DIMMING

Dimmable with 0-10V dimmer: Philips: Sunrise SR1200ZTUNV; Lutron: Diva DVTV-WH, DVSTV-XX, Nova-T NTSTV-DV-XX, Grafix Eye QS QSGRJ-XP, Radio RA2 RRD-1-ND; Leviton: LEV40050, IP710-LFZ; Legrand ADPD4FBL3P2W4



PROJECT	FIXTURE TYPE	DATE
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CIRRUS CEILING D1

DOWNLIGHT WITH REMOTE POWER

DESIGNED BY GREGORY KAY | ASSEMBLED IN AMERICA

REV 12.03.19

WIRING DIAGRAM Wiring Diagram for ELV Dimmer

APPLICATION

ELV dimming for Cirrus Ceiling D1, End Feed Canopy, Tunable White 2000K-4000K

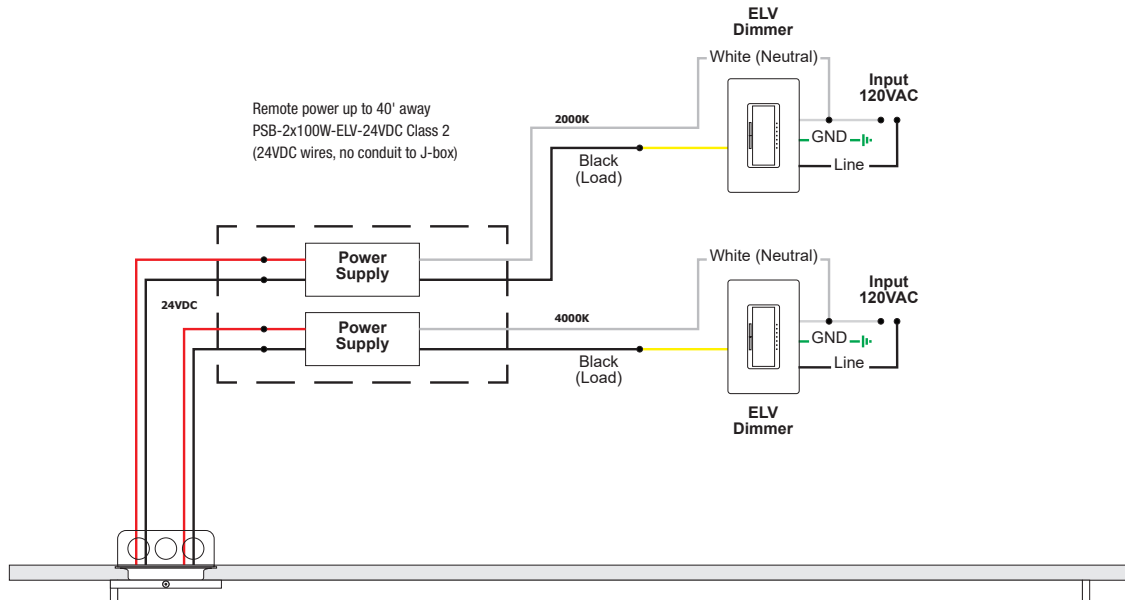
REMOTE POWER SUPPLY

Class 2: 24VDC output; 120VAC input | Class 2: PSB-2X100W-ELV-24VDC (24VDC wires, no conduit to J-box)

DIMMING

Dimmable with ELV dimmer: Legrand, Adorne ADTP703TU

Lutron: Diva DVELV-300P, Skylark SELV-300P, Maestro MAELV-600 and Radio Ra 2



WIRING DIAGRAM Wiring Diagram for Tunable White with 0-10 Volt Dimmer

APPLICATION

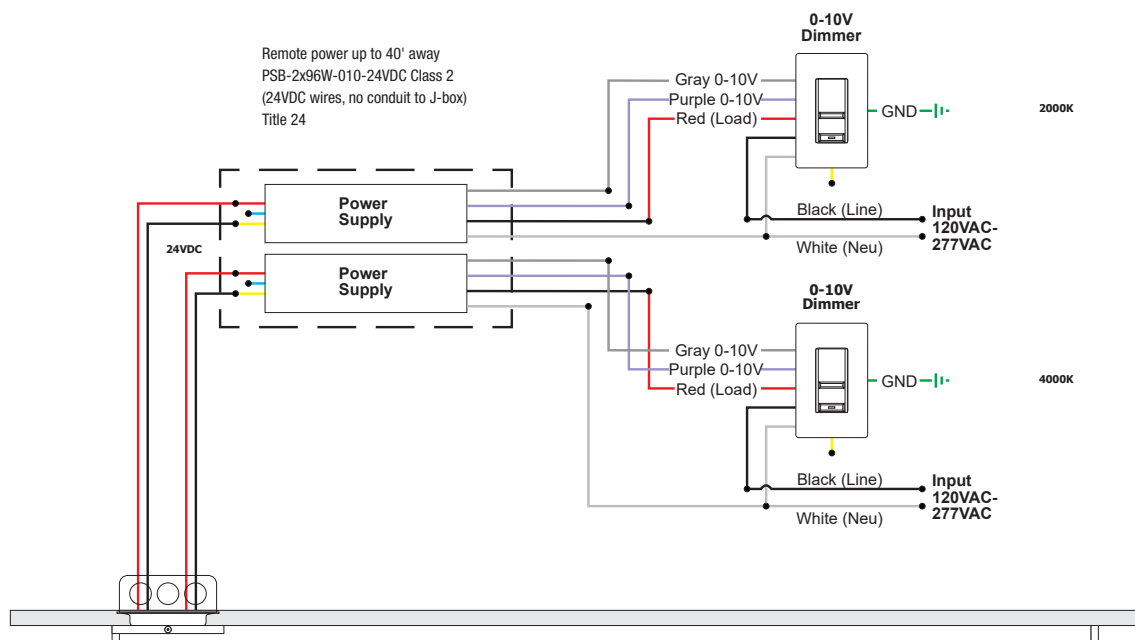
0-10V dimming for Cirrus Ceiling D1, End Feed Canopy, Tunable White 2000K-4000K

REMOTE POWER SUPPLY

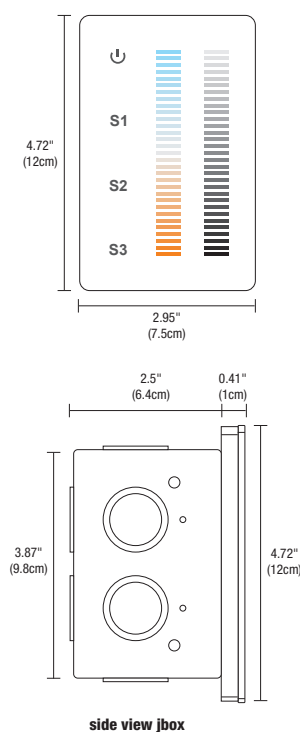
Class 2: 24VDC output; 120/277VAC input | Class 2: PSB-2x96W-010-24VDC (24VDC wires, no conduit to J-box)

DIMMING

Dimmable with 0-10 dimmer: Philips: Sunrise SR1200ZTUNV; Lutron: Diva DDTV-WH, Nova-T NTSTV-DV-XX, Grafix Eye QS QSGRJ-XP, Radio RA2 RRD-1-ND; Leviton: LEV40050, IP710-LFZ; Legrand ADPD4FBL3P2W4



PROJECT	FIXTURE TYPE	DATE
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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 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

Installation:

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

Power Input:

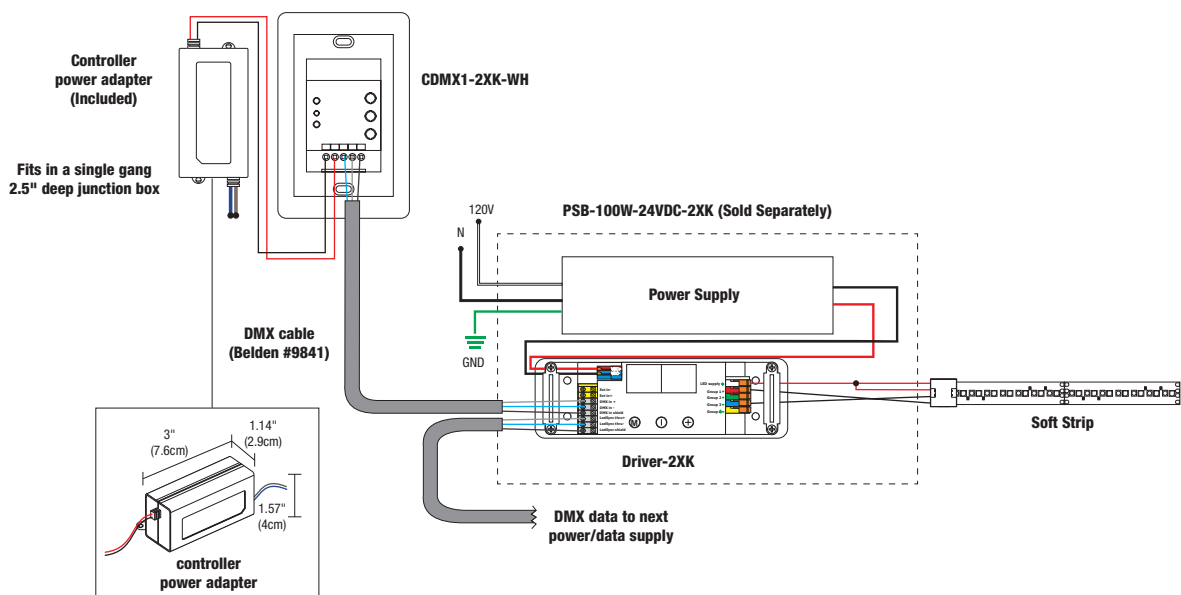
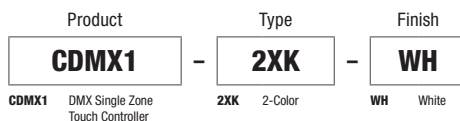
120-240VAC

Compatible Power Supplies (Sold Separately):

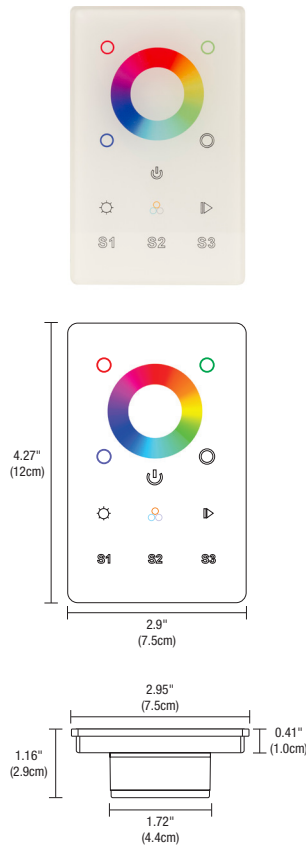
PSB-100W-24VDC-2XK 100W output, 120-277V Input
PSB-2X100W-24VDC-2XK 2x100W output, 120-277V Input
PSB-3X100W-24VDC-2XK 3x100W output, 120-277V Input
PSB-4X100W-24VDC-2XK 4x100W output, 120-277V Input

Output Signal:

USITT DMX 512 (1990)



PROJECT	FIXTURE TYPE	DATE
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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

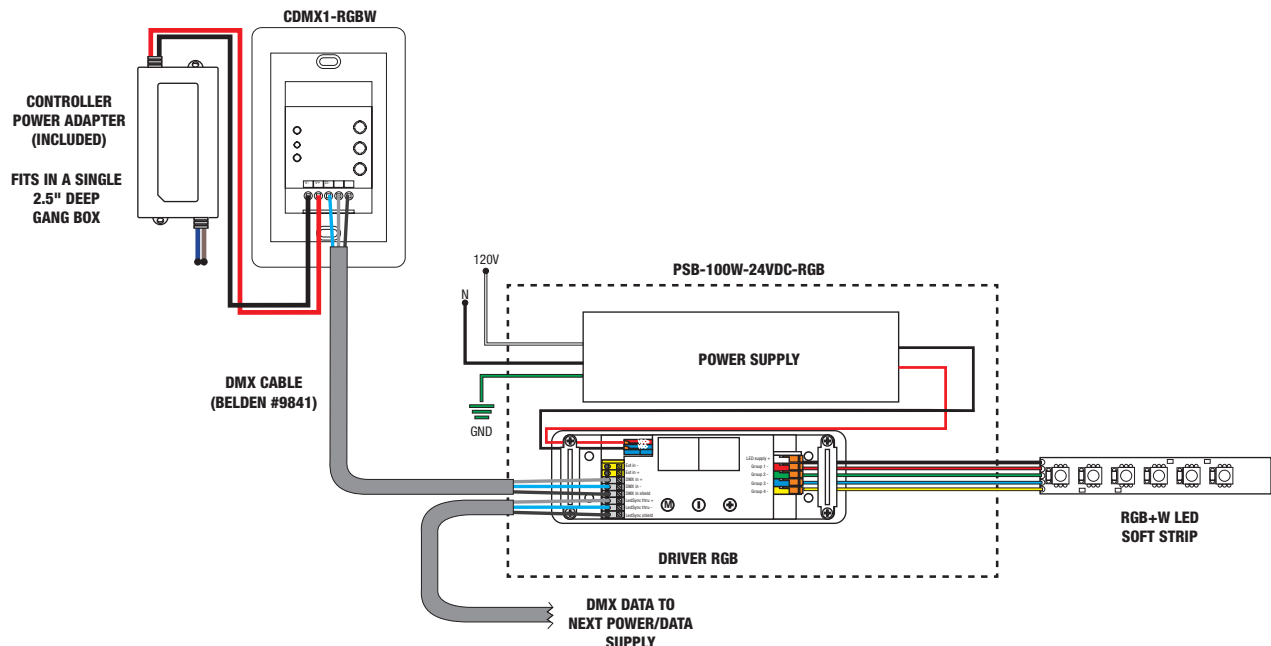
Compatible Power Supplies (Sold Separately):

PSB-100W-24VDC-RGB 100W output, 120-277V Input
 PSB-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
CDMX1	RGBW	WH
CDMX1 DMX 1 Zone Touch Controller	RGBW RGB & RGBW	WH White



PROJECT		FIXTURE TYPE		DATE	
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INDOOR CONSTANT VOLTAGE REMOTE POWER SUPPLIES

24VDC, ELV

REV. 12.05.19

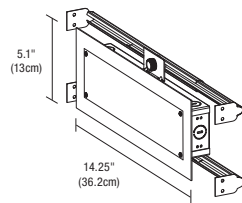
ELECTRONIC LOW-VOLTAGE (ELV) POWER SUPPLIES & RECOMMENDED DIMMERS†‡				
ORDERING CODES	PS-60L-ELV-24VDC 	PSB-60W-ELV-24VDC 	PSB-2X60W-ELV-24VDC 	PSB-100W-ELV-24VDC 
SPECIFICATIONS				
MAXIMUM LOAD	60W NON-IC, 50W-IC (FITS IN JBOX)	60W	2X60W	96W
INPUT VOLTAGE	120VAC	120VAC	120VAC	120VAC
OUTPUT VOLTAGE	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
DIMMING AND CONTROLS				
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†‡			
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.

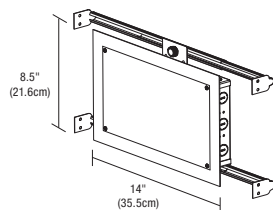
‡Electrical Panels using Siemens/Murray AFCI breakers are not compatible with this ELV transformer. Use 0-10 Volt power supplies with this breaker

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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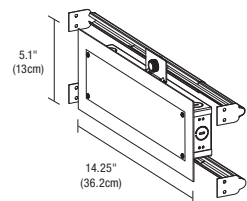
INDOOR CONSTANT VOLTAGE REMOTE POWER SUPPLIES

24VDC, 0-10V

REV. 12.05.19

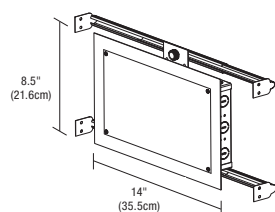
0-10 VOLT (010) POWER SUPPLIES & RECOMMENDED DIMMERS†				
ORDERING CODE	PSB-25W-010-24VDC 	PSB-60W-010-24VDC 	PSB-96W-010-24VDC 	PSB-2X96W-010-24VDC 
SPECIFICATIONS				
MAXIMUM LOAD	25W	60W	96W	2X96W
INPUT VOLTAGE	120VAC	120-277VAC	120-277VAC	120-277VAC
OUTPUT VOLTAGE	24VDC	24VDC	24VDC	24VDC
DIMENSIONS	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: DSTV-XX	•	•	•	•
LUTRON NOVA T: NTSTV-DV-XX	•	•	•	•
LUTRON GRAFIX EYE QS: QSGRJ-XP	•	•	•	•
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 	
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	•		•	

† 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.



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-2X60W-ELV-24VDC-IW, PSB-2X100W-ELV-24VDC-IW

PROJECT		FIXTURE TYPE		DATE	
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INDOOR CONSTANT VOLTAGE REMOTE POWER SUPPLIES

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

AVAILABLE FIRST QUARTER 2020

REV. 12.11.19

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
ELV DIMMING & CONTROLS				
LUTRON DIVA: DVELV-300P	•	•	•	•
LUTRON SKYLARK: SELV-300P	•	•	•	•
LUTRON RADIO RA2: RRD-6NA	•	•	•	•
LUTRON MAESTRO: MAELV-600	•	•	•	•
LEGRAND ADORNE: ADTP-703TUM4	•	•	•	•
0-10 DIMMING & CONTROLS				
PHILIPS SUNRISE: SR1200ZTUNV	•	•	•	•
LUTRON DIVA: DVTW-WH, DVSTV-WH	•	•	•	•
LUTRON NOVA T: NTSTV-DV-XX	•	•	•	•
LUTRON GRAFIX EYE QS: QSGRJ-XP	•	•	•	•
LUTRON RADIO RA2: RRD-10ND	•	•	•	•
LEVITON: LEV40050	•	•	•	•
LEVITON IP710-LFZ	•	•	•	•
LEGRAND: ADPD4FBL3P2W4	•	•	•	•
TRIAC DIMMING & CONTROLS				
LUTRON SKYLARK: S2-L-WH	•	•	•	•
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	PSB-3X96W-UNI-24VDC-IW	PSB-4X96W-UNI-24VDC-IW
ELV DIMMING & CONTROLS				
LUTRON DIVA: DVELV-300P	•	•	•	•
LUTRON SKYLARK: SELV-300P	•	•	•	•
LUTRON RADIO RA2: RRD-6NA	•	•	•	•
LUTRON MAESTRO: MAELV-600	•	•	•	•
LEGRAND ADORNE: ADTP-703TUM4	•	•	•	•
0-10 DIMMING & CONTROLS				
PHILIPS SUNRISE: SR1200ZTUNV	•	•	•	•
LUTRON DIVA: DVTW-WH, DVSTV-WH	•	•	•	•
LUTRON NOVA T: NTSTV-DV-XX	•	•	•	•
LUTRON GRAFIX EYE QS: QSGRJ-XP	•	•	•	•
LUTRON RADIO RA2: RRD-10ND	•	•	•	•
LEVITON: LEV40050	•	•	•	•
LEVITON IP710-LFZ	•	•	•	•
LEGRAND: ADPD4FBL3P2W4	•	•	•	•
TRIAC DIMMING & CONTROLS				
LUTRON SKYLARK: S2-L-WH	•	•	•	•

- 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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INDOOR REMOTE POWER SUPPLIES

24VDC, DMX

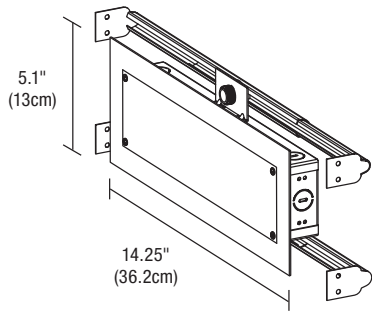
REV. 12.04.19

DYNAMIC COLOR CHANGING (DMX) POWER SUPPLIES & RECOMMENDED CONTROLLERS†					
ORDERING CODES	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
DIMMING AND CONTROLS					
TOUCH SCREEN CONTROLLER (CTP)	N/A	•	•	•	•
COLOR DIAL CONTROLLER (CDP)	N/A	•	•	•	•
DMX 1 ZONE RGBW TOUCH CONTROLLER (CDMX1-RGBW)	N/A	•	•	•	•
TUNABLE WHITE TOUCH CONTROLLER (CDMX1-2XK)	N/A	•	•	•	•

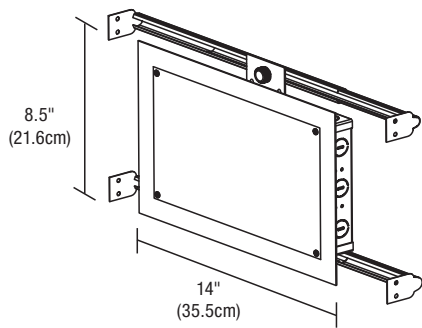
DYNAMIC COLOR CHANGING (DMX) POWER SUPPLIES & RECOMMENDED CONTROLLERS†	
ORDERING CODES	PSB-100W-24VDC-DALI
	
SPECIFICATIONS	
MAXIMUM LOAD	100W
INPUT VOLTAGE	120-277VAC
OUTPUT VOLTAGE	24VDC
DIMENSIONS	12.14" X 6.48" X 2.18"
CLASSIFICATION	CLASS 2
DIMMING AND CONTROLS	
TOUCH SCREEN CONTROLLER (CTP)	•
COLOR DIAL CONTROLLER (CDP)	•
DMX 1 ZONE RGBW TOUCH CONTROLLER (CDMX1-RGBW)	•
TUNABLE WHITE TOUCH CONTROLLER (CDMX1-2XK)	•
DALI COMPATIBLE	•

†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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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.



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.

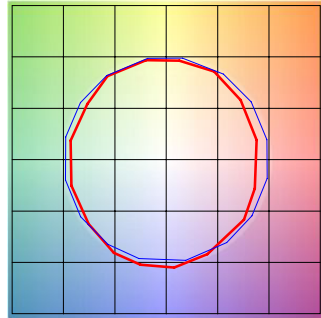
PROJECT		FIXTURE TYPE		DATE	
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TM-30-15 DATA

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

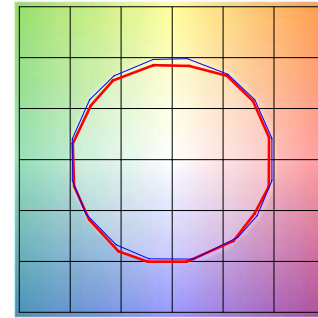


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	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%

2400K | Rf: 91.2 | Rg: 96.8

Color Vector Graphic

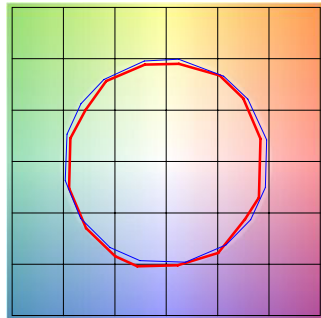


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	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

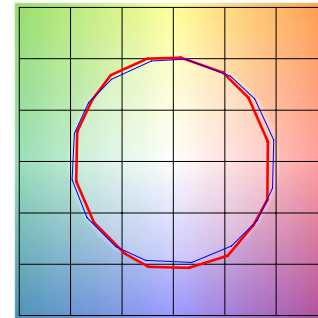


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	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

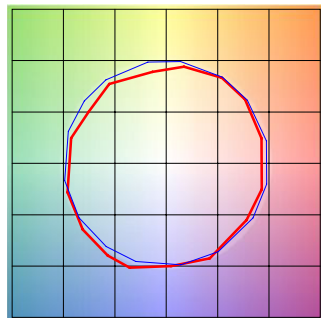


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	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

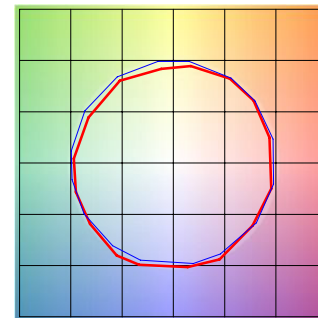


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	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

GRAPHIC SHIFTS %			
HUE BIN	Rf	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%

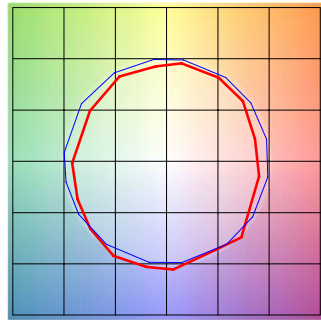
PROJECT		FIXTURE TYPE		DATE	
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TM-30-15 DATA

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

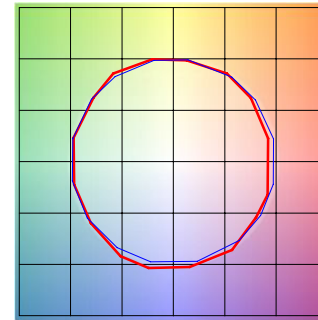


■ Test ■ Reference

GRAPHIC SHIFTS %			
HUE BIN	Rf	CHROMA	HUE
1	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%

2700D | Rf: 89.5 | Rg: 100.8

Color Vector Graphic

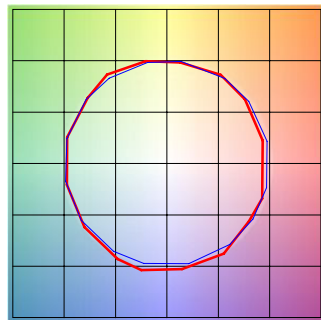


■ Test ■ Reference

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

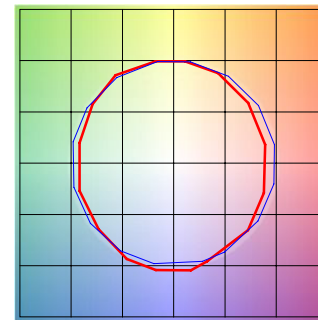


■ Test ■ Reference

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%

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

Color Vector Graphic

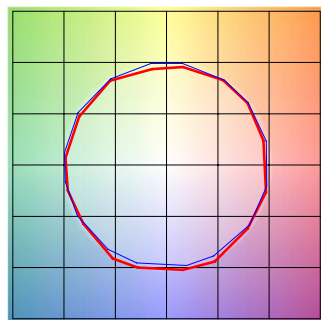


■ Test ■ Reference

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

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

Color Vector Graphic

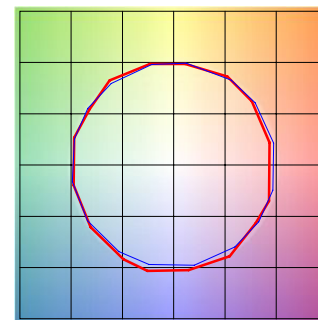


■ Test ■ Reference

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

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

Color Vector Graphic



■ Test ■ Reference

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

PROJECT		FIXTURE TYPE		DATE	
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