

Description:

Cirrus Channel S1 features a square lens with 105 degree beam spread. At 2.5 or 5 watts per foot, the 24 volt DC channel contains 85+ or 95+CRI LEDs. It includes a split canopy that mounts on standard junction box. May be ordered with a Slim Profile Channel Junction Box (C-1RE-JBOX). Mounting clips are provided every 18 inches. Cirrus is powered by a Class 2 remote power supply up to 40 feet away. Available from 12 inches to 240 inches/20 feet (5WDC) or to 480 inches/40 feet (2WDC). May be ordered in 3, 5, 8 or 10 inch increments (see page 4 of spec sheet for exact dimensions). Lengths greater than 120 inches will ship as two or more segments that join together. Fixtures include a 5 year warranty.

Finishes:

Satin Nickel, Chrome, Antique Bronze, Satin Aluminum, White and Satin Black; Custom finishes available

Applications:

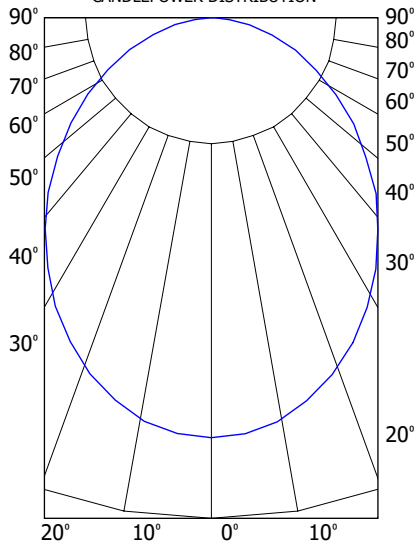
Architectural lighting, general lighting, retail, kitchens, restaurants, offices and conference rooms

Lamp:

Version	Watts per Foot	Lumens per Watt per Foot	85+CRI	95+CRI	50,000 Hour
			22K, 35K, 40K, 57K	27K, 30K	Lamp Life
2WDC	2.5		●	●	●
5WDC	5	71 355	●	●	●

Lumen values are based on the 3000K LED test.

CIRRUS S1 105 DEGREE LENS
CANDLEPOWER DISTRIBUTION



Slim-Profile Junction Box (sold separately):

The Slim-Profile Junction Box with hanger bars mounts to studs spaced between 14.5 inches and 25 inches apart behind drywall. Allows low voltage DC wires from remote power supply to connect to channel wires. Junction box opening is covered by the fixture for a clean, safe connection. Includes a goof plate, for poor plastering around j-box, which may be plastered and painted.

Remote Power Supplies* & Dimmers (Sold Separately):

- Electronic Low Voltage Dimming (ELV)
- 0-10 Volt Dimming (0-10V)
- Lutron Hi-lume®
*In-Wall Mounting Kits available for select power supplies

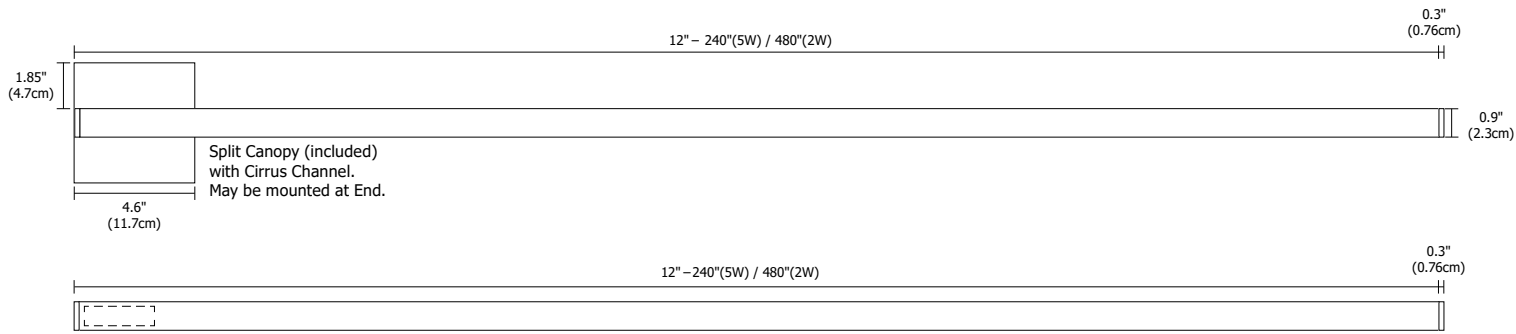
System: **C** - Size: **1RE** - Product: **JBOX**
 C Channel - 1RE 1" Rectangle - JBOX Junction Box

System: **CC** - Lens: **S1** - Wattage/Voltage: **5WDC** - Nominal Size: **240IN** - Color Temperature: **27K** - Finish: **SN**
 CC Cirrus Channel - S1 Square 0.9" Lens - 2WDC 2.5 Watt 24 Volt DC / 5WDC 5 Watt 24 Volt DC - 12-480 Order in 12 inch increments up to 240 inches (5W) or 480 (2.5W) May be ordered in 3, 5, 8 or 10 inch increments - 22K 2200K Amber White / 27K 2700K Very Warm White / 30K 3000K Warm White / 35K 3500K Neutral White / 40K 4000K Cool White / 57K 5700K Daylight White - SN Satin Nickel / CH Chrome / BZ Antique Bronze / SA Satin Aluminum / BK Satin Black / WH White

CIRRUS CHANNEL S1, SQUARE 1" LENS 24VDC SYSTEM, 85+ OR 95+CRI

REV.05.04.17

ASSEMBLED IN THE USA



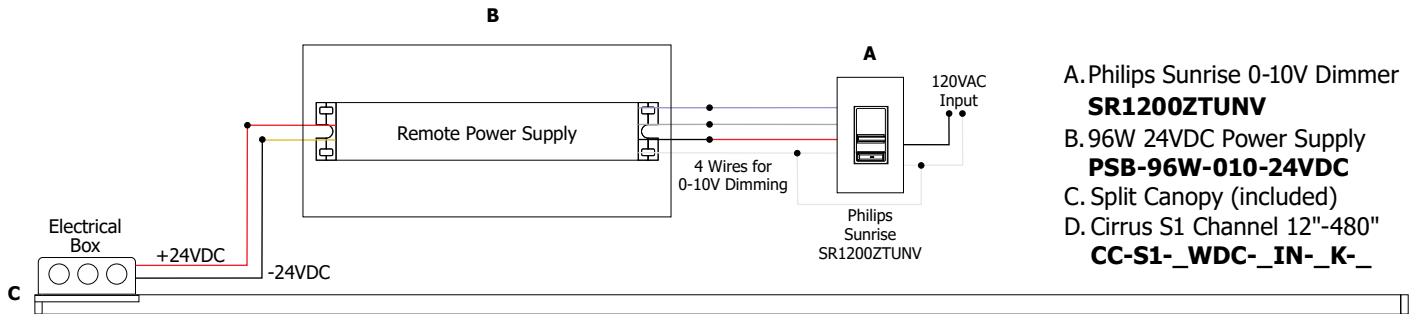
Shown with C-1RE-JBOX (sold separately)



Application: 0-10V dimming for Cirrus Channel S1, Square 1" Lens

Power Supply: Class 2, 24VDC output: 120VAC input, PSB-25W-010-24VDC; 120-277VAC input, PSB-96W-010-24VDC; PSB-2X96W-010-24VDC

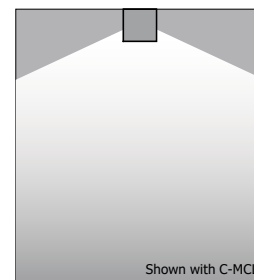
Dimming: Dimmable with 0-10V dimmer using power supplies above: Philips Sunrise SR1200ZTUNV, 0-10V dimmer recommended.



- A. Philips Sunrise 0-10V Dimmer **SR1200ZTUNV**
- B. 96W 24VDC Power Supply **PSB-96W-010-24VDC**
- C. Split Canopy (included)
- D. Cirrus S1 Channel 12"-480" **CC-S1-_WDC-_IN-_K-_**

Warm White 105° 5 Watt	
Distance	Foot Candles
2ft	108
3ft	62
4ft	40
6ft	21
8ft	13

Warm White 105° 2.5 Watt	
Distance	Foot Candles
2ft	61
3ft	35
4ft	22
6ft	12
8ft	7







PROJECT:




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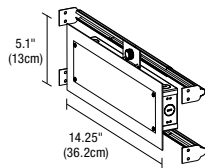


REQUIRED COMPONENTS: 24VDC ELV Compatible Power Supplies.

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-NIC, 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	•	•	•

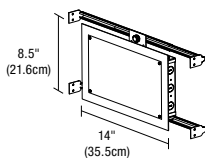
ELECTRONIC LOW-VOLTAGE (ELV) POWER SUPPLIES & RECOMMENDED DIMMERS[†]			
ORDERING CODES	PSB-2X100W-ELV-24VDC	PSB-3X100W-ELV-24VDC	PSB-4X100W-ELV-24VDC
			
SPECIFICATIONS			
MAXIMUM LOAD	2X96W	3X96W	4X96W
INPUT VOLTAGE	120VAC	120VAC	120VAC
OUTPUT VOLTAGE	24VDC	24VDC	24VDC
DIMENSIONS	12.15" X 6.48" X 2.18"	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	•	•	•

[†]24K - 57K color temperatures are compatible with 0-10V, ELV, and Lutron Hi-lume® Power Supplies. Warm Dim (27D, 30D) color temperatures are only compatible with ELV power supplies. Tunable White (2K4K) color temperature is compatible with 0-10V, ELV, DMX, and Lutron Hi-lume® Power Supplies. Dynamic Color (RGB, RGB+W) and Static Color (Amber, Blue, Green, or Red) are compatible with DMX Power Supplies.



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.

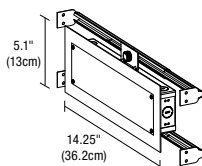
Ordering Codes: PSB-2x60W-ELV-24VDC-IW, PSB-2x100W-ELV-24VDC-IW

REQUIRED COMPONENTS: 24VDC 0-10V Compatible Power Supplies.

0-10 VOLT (010) POWER SUPPLIES & RECOMMENDED DIMMERS†				
ORDERING CODES	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 AND CONTROLS				
PHILIPS SUNRISE: SR1200ZTUNV	•	•	•	•
LUTRON DIVA:: DVTV-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	•	•	•	•

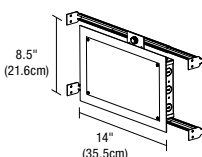
0-10 VOLT (010) POWER SUPPLIES & RECOMMENDED DIMMERS†		
ORDERING CODES	PSB-3X96W-010-24VDC	PSB-4X96W-010-24VDC
		
SPECIFICATIONS		
MAXIMUM LOAD	3X96W	4X96W
INPUT VOLTAGE	120-277VAC	120-277VAC
OUTPUT VOLTAGE	24VDC	24VDC
DIMENSIONS	14" X 10" X 3"	17" X 13" X 3"
CLASSIFICATION	CLASS 2	CLASS 2
IN WALL MOUNTING	N/A	N/A
DIMMING AND CONTROLS		
PHILIPS SUNRISE: SR1200ZTUNV	•	•
LUTRON DIVA: DVTV-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	•	•

†24K - 57K color temperatures are compatible with 0-10V, ELV, and Lutron Hi-lume® Power Supplies. Warm Dim (27D, 30D) color temperatures are only compatible with ELV power supplies. Tunable White (2K4K) color temperature is compatible with 0-10V, ELV, DMX, and Lutron Hi-lume® Power Supplies. Dynamic Color (RGB, RGB+W) and Static Color (Amber, Blue, Green, or Red) are compatible with DMX Power Supplies.



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:



REQUIRED COMPONENTS: 24VDC Lutron Compatible Power Supply.

LUTRON HI-LUME® PREMIER .1% ECOSYSTEM® 3-WIRE POWER SUPPLY & RECOMMENDED CONTROLLERS¹	
ORDERING CODES	L3D0-96W24V-U 
SPECIFICATIONS	
MAXIMUM LOAD	96W
INPUT VOLTAGE	120-277VAC
OUTPUT VOLTAGE	24VDC
DIMENSIONS	10.5" X 5.5" X 2"
CLASSIFICATION	CLASS 2
DIMMING AND CONTROLS	
RADIO RA2	•
HOMEWORKS QS	•
PHPM-3F-120	•
PHPM-3F-DV	•
BCI-0-10	•

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PROJECT:

FIXTURE TYPE:

DATE:



CIRRUS CHANNEL S1, SQUARE 1" LENS ACTUAL LENGTH

ORDERING CODE (NOMINAL SIZE)	LENGTH (INCHES)
12IN	13.1
15IN	15.5
17IN	17.9
20IN	20.3
22IN	22.7
24IN	25.1
27IN	27.5
29IN	29.9
32IN	32.3
33IN	34.7
36IN	37.1
39IN	39.5
41IN	41.9
44IN	44.3
46IN	46.7
48IN	49.1
51IN	51.5
53IN	53.9
56IN	56.3
58IN	58.7
60IN	61.1
63IN	63.5
65IN	65.9
68IN	68.3
70IN	70.7
72IN	73.1
75IN	75.5
77IN	77.9
80IN	80.3
82IN	82.7
84IN	85.1
87IN	87.5
89IN	89.9
92IN	92.3
94IN	94.7
96IN	97.1
99IN	99.5
101IN	101.9
104IN	104.3
106IN	106.7

ORDERING CODE (NOMINAL SIZE)	LENGTH (INCHES)
108IN	109.1
111IN	111.5
113IN	113.9
116IN	116.3
118IN	118.7
120IN	121.1
123IN	123.8
125IN	126.2
128IN	128.6
130IN	131
132IN	133.4
135IN	135.8
137IN	138.2
140IN	140.6
142IN	143
144IN	145.4
147IN	147.8
149IN	150.2
152IN	152.6
154IN	155
156IN	157.4
159IN	159.8
161IN	162.2
164IN	164.6
166IN	167
168IN	169.4
171IN	171.8
173IN	174.2
176IN	176.6
178IN	179
180IN	181.4
183IN	183.8
185IN	186.2
188IN	188.6
190IN	191
192IN	193.4
195IN	195.8
197IN	198.2
199IN	200.6
202IN	203

ORDERING CODE (NOMINAL SIZE)	LENGTH (INCHES)
204IN	205.4
207IN	207.8
209IN	210.2
212IN	212.6
214IN	215
216IN	217.4
219IN	219.8
221IN	222.2
224IN	224.6
226IN	227
228IN	229.4
231IN	231.8
233IN	234.2
236IN	236.6
238IN	239
240IN	241.4
243IN	244.1
245IN	246.5
248IN	248.9
250IN	251.3
252IN	253.7
255IN	256.1
257IN	258.5
260IN	260.9
262IN	263.3
264IN	265.7
267IN	268.1
269IN	270.5
272IN	272.9
274IN	275.3
276IN	277.7
279IN	280.1
281IN	282.5
284IN	284.9
286IN	287.3
288IN	289.7
291IN	292.1
294IN	294.5
296IN	296.9
298IN	299.3

PROJECT:

FIXTURE TYPE:

DATE:



CIRRUS CHANNEL S1, SQUARE 1" LENS ACTUAL LENGTH

ORDERING CODE (NOMINAL SIZE)	LENGTH (INCHES)
300IN	301.7
303IN	304.1
305IN	306.5
308IN	308.9
310IN	311.3
312IN	313.7
315IN	316.1
317IN	318.5
320IN	320.9
322IN	323.3
324IN	325.7
327IN	328.1
329IN	330.5
332IN	332.9
334IN	335.3
336IN	337.7
339IN	340.1
341IN	342.5
344IN	344.9
346IN	347.3
348IN	349.7
351IN	352.1
353IN	354.5
355IN	356.9
358IN	359.3
360IN	361.7
363IN	364.4
365IN	366.8
368IN	369.2
370IN	371.6
372IN	374
375IN	376.4
377IN	378.8
380IN	381.2
382IN	383.6
384IN	386
387IN	388.4
389IN	390.8
392IN	393.2
394IN	395.6

ORDERING CODE (NOMINAL SIZE)	LENGTH (INCHES)
396IN	398
399IN	400.4
401IN	402.8
404IN	405.2
406IN	407.6
408IN	410
411IN	412.4
413IN	414.8
416IN	417.2
418IN	419.6
420IN	422
423IN	424.4
425IN	426.8
428IN	429.2
430IN	431.6
432IN	434
435IN	436.4
437IN	438.8
440IN	441.2
442IN	443.6
444IN	446
447IN	448.4
449IN	450.8
452IN	453.2
454IN	455.6
456IN	458
459IN	460.4
461IN	462.8
464IN	465.2
466IN	467.6
468IN	470
471IN	472.4
473IN	474.8
476IN	477.2
478IN	479.6
480IN	482

PROJECT:

FIXTURE
TYPE:

DATE:

