

**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

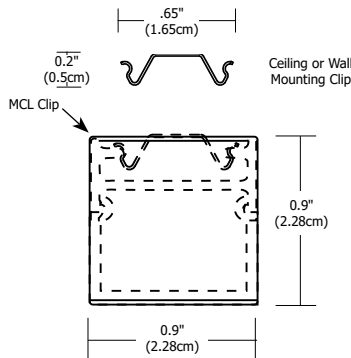
**Applications:**

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

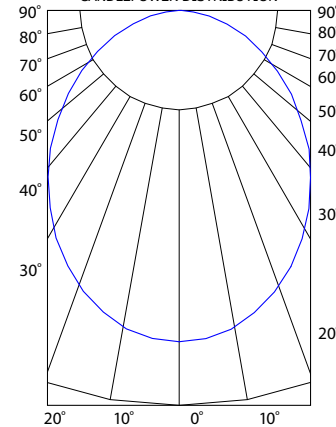
**Lamp:**

Version	Watts per Foot	Lumens		85+CRI 24K, 35K, 40K, 57K	95+CRI 27K, 30K	50,000 Hour Lamp Life
		per Watt	per Foot			
2WDC	2.5			•	•	•
5WDC	5	71	355	•	•	•

Lumen values are based on the 3000K LED test.



**CIRRUS S1 105 DEGREE LENS**  
CANDLEPOWER DISTRIBUTION



**24VDC Power Supply (sold separately):**

- PSB-25W-010-24VDC** 120VAC input, 25 watt output
- PSB-96W-010-24VDC** 120-277VAC input, 96 watt output
- PSB-2X96W-010-24VDC** 120-277VAC input, 2x96 watt output
- PSB-3X96W-010-24VDC** 120-277VAC input, 3x96 watt output
- PSB-4X96W-010-24VDC** 120-277VAC input, 4x96 watt output
- PS-40W-ELV-24VDC** 120VAC input, 40 watt output
- PSB-60W-ELV-24VDC** 120VAC input, 60 watt output
- PSB-100W-ELV-24VDC** 120VAC input, 96 watt output
- PSB-2X100W-ELV-24VDC** 120VAC input, 2x96 watt output
- PSB-3X100W-ELV-24VDC** 120VAC input, 3x96 watt output
- PSB-4X100W-ELV-24VDC** 120VAC input, 4x96 watt output

**Slim-Profile Junction Box (sold separately):**

The Slim-Profile Junction Box with hanger bars mounts to studs spaced between 14.5"- 25" 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.

**Dimming:**

010 power supplies use 0-10V dimmer: Philips Sunrise SR1200ZTUNV.  
ELV power supplies use ELV dimmer: Legrand, Adorne ADTP703TU;  
Lutron: Diva DVELV-300P, Skylark SELV-300P, Maestro MAELV-600 and Radio Ra 2

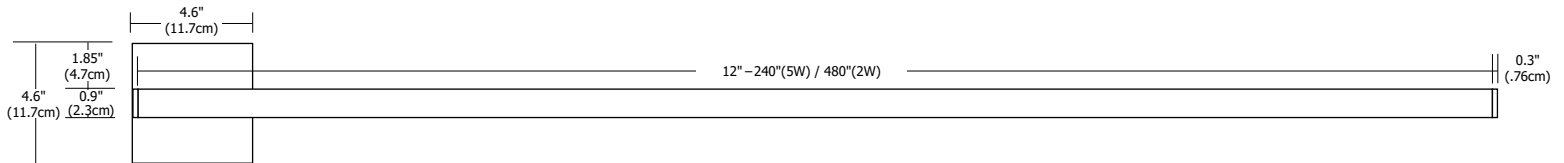
System: **C** Channel  
Size: **1RE** 1" Rectangle  
Product: **JBOX** Junction Box

System: **CC** Cirrus Channel  
Lens: **S1** Square 0.9" Lens  
Wattage/Voltage: **5WDC** 2.5 Watt 24 Volt DC / 5 Watt 24 Volt DC  
Nominal Size: **240IN** 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  
Color Temperature: **27K** 24K 2400K Amber White / 27K 2700K Very Warm White / 30K 3000K Warm White / 35K 3500K Neutral White / 40K 4000K Cool White / 57K 5700K Daylight White  
Finish: **SN** Satin Nickel / **CH** Chrome / **BZ** Antique Bronze / **SA** Satin Aluminum / **BK** Satin Black / **WH** White

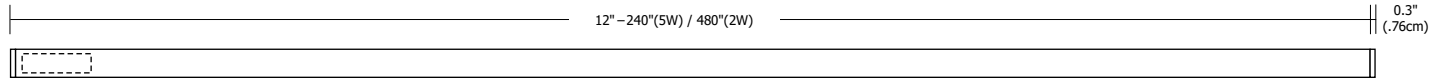
PROJECT: \_\_\_\_\_ FIXTURE TYPE: \_\_\_\_\_ DATE: \_\_\_\_\_ **EDGE LIGHTING**

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

REV.12.05.16



Split Canopy (included)  
with Cirrus Channel.  
May be mounted at End.



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



Satin Aluminum Anodized



Satin Nickel Anodized



Antique Bronze Anodized



Satin Black Anodized



Chrome Plated

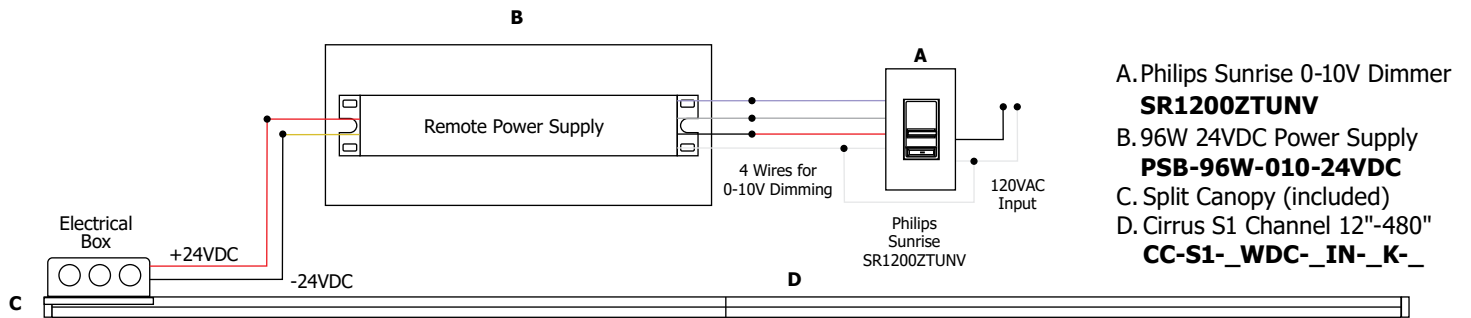


White Powder Coated

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

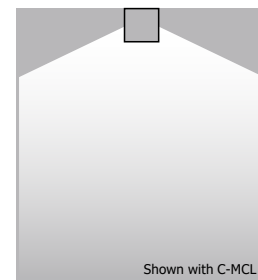
**Power Supply:** Class 2, 24VDC output: 120VAC input, PSB-25W-010-24VDC;  
120-277VAC input, PSB-96W-010-24VDC; PSB-2X96W-010-24VDC

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



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:

FIXTURE  
TYPE:

DATE:



**CIRRUS CHANNEL S1, SQUARE 1" LENS ACTUAL LENGTH**

<b>ORDERING CODE (NOMINAL SIZE)</b>	<b>LENGTH (INCHES)</b>
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

<b>ORDERING CODE (NOMINAL SIZE)</b>	<b>LENGTH (INCHES)</b>
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

<b>ORDERING CODE (NOMINAL SIZE)</b>	<b>LENGTH (INCHES)</b>
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**

<b>ORDERING CODE (NOMINAL SIZE)</b>	<b>LENGTH (INCHES)</b>
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

<b>ORDERING CODE (NOMINAL SIZE)</b>	<b>LENGTH (INCHES)</b>
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:

