

**Description:**

Cirrus Channel D1 features a direct flat lens with 100 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

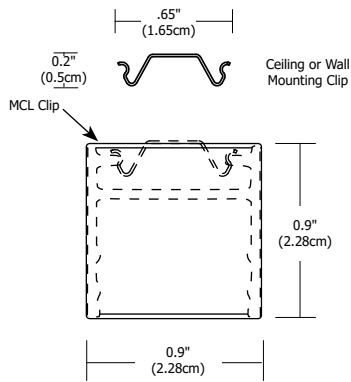
**Applications:**

Architectural lighting, general lighting, and retail

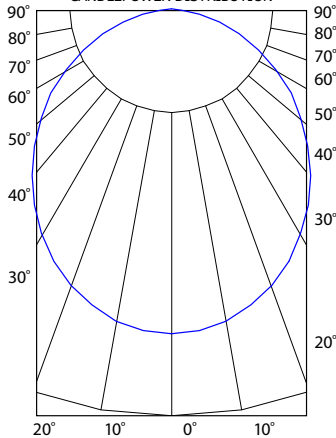
**Lamp:**

| Version | Watts per Foot | Lumens per Watt | Lumens per Foot | 85+CRI<br>24K, 35K, 40K, 57K | 95+CRI<br>27K, 30K | 50,000 Hour Lamp Life |
|---------|----------------|-----------------|-----------------|------------------------------|--------------------|-----------------------|
| 2WDC    | 2.5            |                 |                 | ●                            | ●                  | ●                     |
| 5WDC    | 5              | 47              | 235             | ●                            | ●                  | ●                     |

Lumen values are based on the 3000K LED test.



**CIRRUS 100 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: **D1** Direct 0.9" Lens  
Wattage/Voltage: **2WDC** 2.5 Watt 24 Volt DC / **5WDC** 5 Watt 24 Volt DC  
Length in Inches: **240IN** 12-240 (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: **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  
Options: **W** Wet Location (Up to 120")

PROJECT:

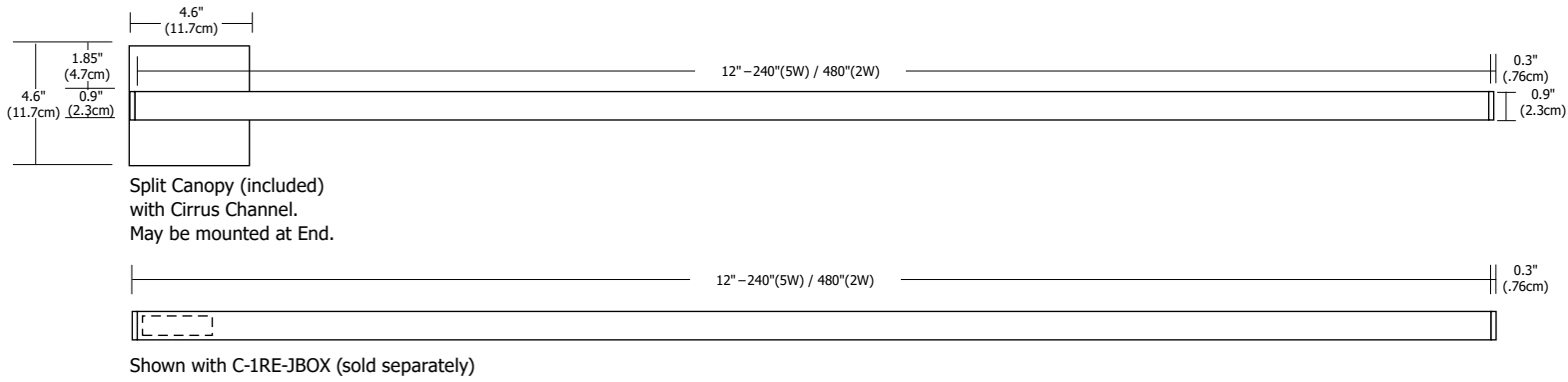
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# CIRRUS CHANNEL D1, DIRECT 1" LENS 24VDC SYSTEM, 85+ OR 95+CRI

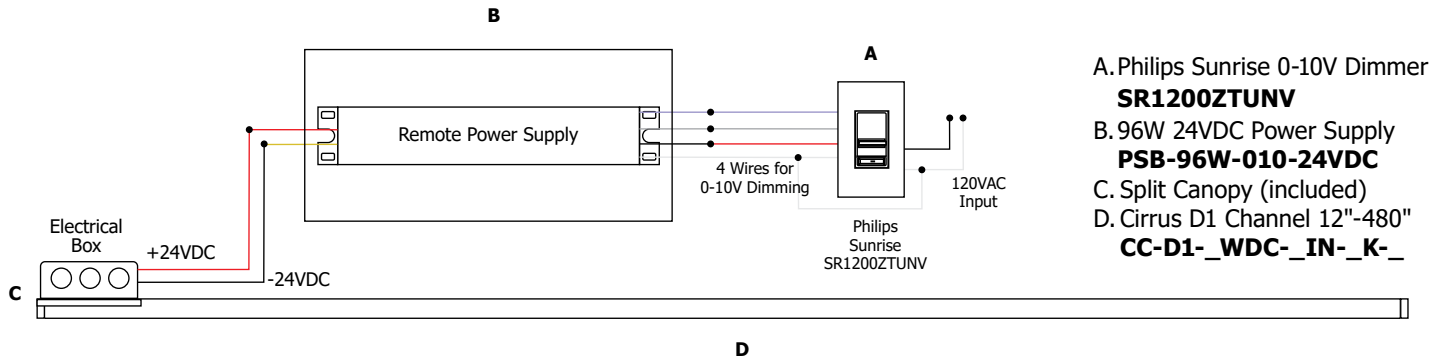
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**Application:** 0-10V dimming for Cirrus Channel D1, Direct 1" Lens

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

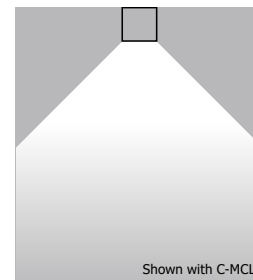
**Dimming:** Dimmable with 0-10V dimmer using power supplies above: Philips Sunrise SR1200ZTUNV, 0-10V dimmer recommended.



- A. Philips Sunrise 0-10V Dimmer **SR1200ZTUNV**
- B. 96W 24VDC Power Supply **PSB-96W-010-24VDC**
- C. Split Canopy (included)
- D. Cirrus D1 Channel 12"-480" **CC-D1-\_WDC-\_IN-\_K-\_**

| Warm White 100°<br>5 Watt |              |
|---------------------------|--------------|
| Distance                  | Foot Candles |
| 2ft                       | 126          |
| 3ft                       | 62           |
| 4ft                       | 39           |
| 6ft                       | 20           |
| 8ft                       | 12           |

| Warm White 100°<br>2.5 Watt |              |
|-----------------------------|--------------|
| Distance                    | Foot Candles |
| 2ft                         | 71           |
| 3ft                         | 35           |
| 4ft                         | 22           |
| 6ft                         | 11           |
| 8ft                         | 7            |



PROJECT:

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Please refer to chart below for exact lengths of the Cirrus Channel D1, Direct 1" Lens.

| CODE  | LENGTH (INCHES) | CODE  | LENGTH (INCHES) | CODE  | LENGTH (INCHES) | CODE  | LENGTH (INCHES) | CODE  | LENGTH (INCHES) |
|-------|-----------------|-------|-----------------|-------|-----------------|-------|-----------------|-------|-----------------|
| 12IN  | 13.1            | 108IN | 109.1           | 204IN | 205.4           | 300IN | 301.7           | 396IN | 398             |
| 15IN  | 15.5            | 111IN | 111.5           | 207IN | 207.8           | 303IN | 304.1           | 399IN | 400.4           |
| 17IN  | 17.9            | 113IN | 113.9           | 209IN | 210.2           | 305IN | 306.5           | 401IN | 402.8           |
| 20IN  | 20.3            | 116IN | 116.3           | 212IN | 212.6           | 308IN | 308.9           | 404IN | 405.2           |
| 22IN  | 22.7            | 118IN | 118.7           | 214IN | 215             | 310IN | 311.3           | 406IN | 407.6           |
| 24IN  | 25.1            | 120IN | 121.1           | 216IN | 217.4           | 312IN | 313.7           | 408IN | 410             |
| 27IN  | 27.5            | 123IN | 123.8           | 219IN | 219.8           | 315IN | 316.1           | 411IN | 412.4           |
| 29IN  | 29.9            | 125IN | 126.2           | 221IN | 222.2           | 317IN | 318.5           | 413IN | 414.8           |
| 32IN  | 32.3            | 128IN | 128.6           | 224IN | 224.6           | 320IN | 320.9           | 416IN | 417.2           |
| 34IN  | 34.7            | 130IN | 131             | 226IN | 227             | 322IN | 323.3           | 418IN | 419.6           |
| 36IN  | 37.1            | 132IN | 133.4           | 228IN | 229.4           | 324IN | 325.7           | 420IN | 422             |
| 39IN  | 39.5            | 135IN | 135.8           | 231IN | 231.8           | 327IN | 328.1           | 423IN | 424.4           |
| 41IN  | 41.9            | 137IN | 138.2           | 233IN | 234.2           | 329IN | 330.5           | 425IN | 426.8           |
| 44IN  | 44.3            | 140IN | 140.6           | 236IN | 236.6           | 332IN | 332.9           | 428IN | 429.2           |
| 46IN  | 46.7            | 142IN | 143             | 238IN | 239             | 334IN | 335.3           | 430IN | 431.6           |
| 48IN  | 49.1            | 144IN | 145.4           | 240IN | 241.4           | 336IN | 337.7           | 432IN | 434             |
| 51IN  | 51.5            | 147IN | 147.8           | 243IN | 244.1           | 339IN | 340.1           | 435IN | 436.4           |
| 53IN  | 53.9            | 149IN | 150.2           | 245IN | 246.5           | 341IN | 342.5           | 437IN | 438.8           |
| 56IN  | 56.3            | 152IN | 152.6           | 248IN | 248.9           | 344IN | 344.9           | 440IN | 441.2           |
| 58IN  | 58.7            | 154IN | 155             | 250IN | 251.3           | 346IN | 347.3           | 442IN | 443.6           |
| 60IN  | 61.1            | 156IN | 157.4           | 252IN | 253.7           | 348IN | 349.7           | 444IN | 446             |
| 63IN  | 63.5            | 159IN | 159.8           | 255IN | 256.1           | 351IN | 352.1           | 447IN | 448.4           |
| 65IN  | 65.9            | 161IN | 162.2           | 257IN | 258.5           | 353IN | 354.5           | 449IN | 450.8           |
| 68IN  | 68.3            | 164IN | 164.6           | 260IN | 260.9           | 355IN | 356.9           | 452IN | 453.2           |
| 70IN  | 70.7            | 166IN | 167             | 262IN | 263.3           | 358IN | 359.3           | 454IN | 455.6           |
| 72IN  | 73.1            | 168IN | 169.4           | 264IN | 265.7           | 360IN | 361.7           | 456IN | 458             |
| 75IN  | 75.5            | 171IN | 171.8           | 267IN | 268.1           | 363IN | 364.4           | 459IN | 460.4           |
| 77IN  | 77.9            | 173IN | 174.2           | 269IN | 270.5           | 365IN | 366.8           | 461IN | 462.8           |
| 80IN  | 80.3            | 176IN | 176.6           | 272IN | 272.9           | 368IN | 369.2           | 464IN | 465.2           |
| 82IN  | 82.7            | 178IN | 179             | 274IN | 275.3           | 370IN | 371.6           | 466IN | 467.6           |
| 84IN  | 85.1            | 180IN | 181.4           | 276IN | 277.7           | 372IN | 374             | 468IN | 470             |
| 87IN  | 87.5            | 183IN | 183.8           | 279IN | 280.1           | 375IN | 376.4           | 471IN | 472.4           |
| 89IN  | 89.9            | 185IN | 186.2           | 281IN | 282.5           | 377IN | 378.8           | 473IN | 474.8           |
| 92IN  | 92.3            | 188IN | 188.6           | 284IN | 284.9           | 380IN | 381.2           | 476IN | 477.2           |
| 94IN  | 94.7            | 190IN | 191             | 286IN | 287.3           | 382IN | 383.6           | 478IN | 479.6           |
| 96IN  | 97.1            | 192IN | 193.4           | 288IN | 289.7           | 384IN | 386             | 480IN | 482             |
| 99IN  | 99.5            | 195IN | 195.8           | 291IN | 292.1           | 387IN | 388.4           |       |                 |
| 101IN | 101.9           | 197IN | 198.2           | 294IN | 294.5           | 389IN | 390.8           |       |                 |
| 104IN | 104.3           | 199IN | 200.6           | 296IN | 296.9           | 392IN | 393.2           |       |                 |
| 106IN | 106.7           | 202IN | 203             | 298IN | 299.3           | 394IN | 395.6           |       |                 |

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