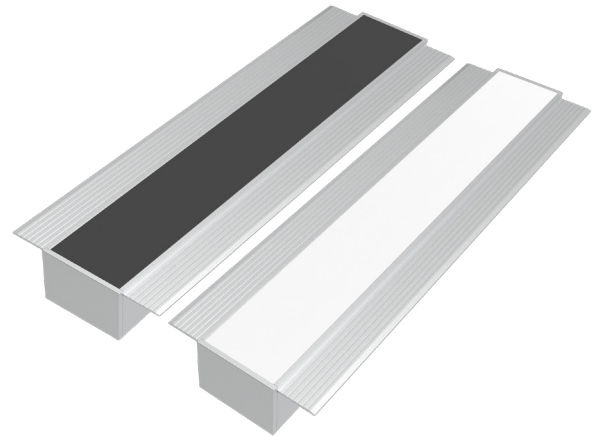


SIMPLY CLEAN™ RECESSED FIXTURES SC5

Simply Clean™ SC5 channel lets you build custom recessed fixtures with our RibbonLyte products. Display stunning seamless continuous lines of light flush to new or existing drywall or gypsum walls and ceilings.

- 2.5 in. (63.4 mm) wide by 0.94 in. (24 mm) deep
- Beam angle: 110°
- Wattage Range from 0.75 W/ft (2.46 W/m) to 12 W/ft (39.4 W/m)
- Static White delivered lumen range from 44 lm/ft (145 lm/m) up to 1246 lm/ft (4087 lm/m)
- Milky or Black lens
- For interior applications only



HOUSING FINISH



Silver

LENS FINISHES



Milky Lens

75% Light Transmission



Black Lens**

70% Light Transmission

** Our black lens offers great diffusion and helps hide fixtures that aren't in use.



AVAILABLE COLORS & COLOR TEMPERATURES



DIMENSIONS

| SC5 Channel | MOUNTING OPTIONS: |
|---|---|
| <p>Width: 2.5 in. (63.4 mm) Height: 0.94 in. (24 mm) Internal Width: 1.22 in. (31 mm) Internal Height: 0.83 in. (21 mm)</p> | <p>Ceiling Mount Vertical Wall Mount Horizontal Wall Mount Cross-Wall Mount</p> |

Note: This channel does not require mounting clips. Please see our installation guide for instructions.

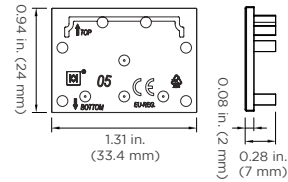
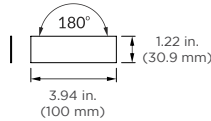
Acolyte does not warrant or represent that the information is free from errors or omission. The information may change without notice and Acolyte is not in any way liable for the accuracy of any information printed and stored or in any way interpreted or used.

SPECIFICATIONS

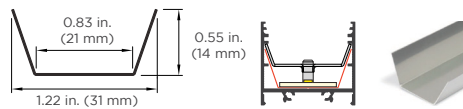
| | |
|--------------------------------|--|
| Beam Angle | 110° |
| Lens Type | Milky Lens, Black Lens |
| Length | Channel is sold by the foot and cut to your exact desired length |
| Operating Voltage | 24V |
| Dimming | MLV / 0-10 Volt / ELV / DALI / DMX |
| Operating Temperature | -40° F to 158° F (-40° C to 70° C) |
| Colors | 1800K, 2000K, 2200K, 2400K, 2700K, 3000K, 3500K, 4000K, 6000K, Red, Amber, Green, Blue, RGBA, RGBW, RGBWW, VW, RGBW Addressable, Warm Dim (1800K, 2000K, 2200K only available in IP20) |
| CRI | 90+ CRI (Static white only) |
| Lamp Life | L70 at 50,000 Hours |
| MacAdam Ellipses (SDCM) | 2-Step Binning (For Static White LEDs only) |
| Certifications | UL Listed UL 2108 Issued: 2004/02/27 Ed: 1 Rev: 2014/02/24 Low Voltage Lighting Systems CSA C22.2#9.0 Issued: 1996/06/01 Ed: 1 (R2011) General Requirements for Luminaires; with Gen. Inst. 1: 1997, Gen Inst. 2: 1998. ROHS compliant |

ACCESSORIES (SEE PART NUMBERS AT STEP 4 ON PAGE 3)

180° Coupler | **End Cap**



Reflector



STEP 1 Complete Channel Part Number

| CHANNEL | LENS | HOUSING COLOR |
|---------------------|-----------------------------------|---------------|
| CHSC5 | | SV |
| CHSC5 - SC5 Channel | M - Milky Lens BK - Black Lens | SV - Silver |

STEP 2 Complete RibbonLyte Part Number

| CATEGORY | CRI | RIBBON TYPE & IP RATING | | |
|-----------------|---|--|---|---|
| RB | | | | |
| RB - RibbonLyte | 0 - Static Color, Color Changing 90 - 90+ CRI Static White | LINEA20 - Linea RibbonLyte IP20 SWS220 - Static White Series 2 IP20 SWS265 - Static White Series 2 IP65 SWS268 - Static White Series 2 IP68 SWDR20 - Static White Double Row IP20 SCS220 - Static Color Series 2 IP20 SCS265 - Static Color Series 2 IP65 SCS268 - Static Color Series 2 IP68 | RGBWW20 - RGBWW 5-in-1 IP20 RGBWS220 - RGBW Series 2 IP20 RGBWS265 - RGBW Series 2 IP65 RGBWS268 - RGBW Series 2 IP68 RGBWADD - Addressable RGBW IP67 RGBWADR20 - RGBW/A Double Row IP20 RGBWW20 - RGBWW 5-in-1 IP20 VWDR20 - Variable White Double Row IP20 | VWS220 - VW Series 2 IP20 VWS265 - VW Series 2 IP65 VWS268 - VW Series 2 IP68 WD20 - Warm Dim IP20 WD65 - Warm Dim IP65 WD68 - Warm Dim IP68 |

NOTE: To ensure waterproofing standards are met, IP65, IP67, and IP68 RibbonLyte can NOT be cut in the field.

WATTAGE

- 0.75 - 0.75 W/ft (2.46 W/m - Static White, Static Color)
- 1.0 - 1.0 W/ft (3.3 W/m - Variable White)
- 1.5 - 1.5 W/ft (4.9 W/m - Static White, Static Color)
- 2.2 - 2.2 W/ft (7.2 W/m - Static White, Static Color)
- 2.4 - 2.4 W/ft (8 W/m - Static White)
- 3.0 - 3.0 W/ft (9.8 W/m - Static White, Static Color, Variable White, RGBW, RGBA)
- 4.3 - 4.3 W/ft (14 W/m - Static White)
- 4.4 - 4.4 W/ft (14.4 W/m - Static White, Static Color, RGBW, RGBWW, RGBA)
- 5.0 - 5.0 W/ft (16.4 W/m - Static White, Static Color)
- 5.2 - 5.2 W/ft (17.1 W/m - Warm Dim)
- 5.5 - 5.5 W/ft (18.0 W/m - RGBW, RGBA)
- 6.0 - 6.0 W/ft (19.7 W/m - Static White, Static Color, Variable White, RGBW, RGBA, RGBW Addressable)
- 6.1 - 6.1 W/ft (20 W/m - Variable White)
- 8.8 - 8.8 W/ft (28.9 W/m - RGBW, RGBA, RGBWW)
- 12.0 - 12.0 W/ft (39.4 W/m - Static White, Variable White, RGBW, RGBA)

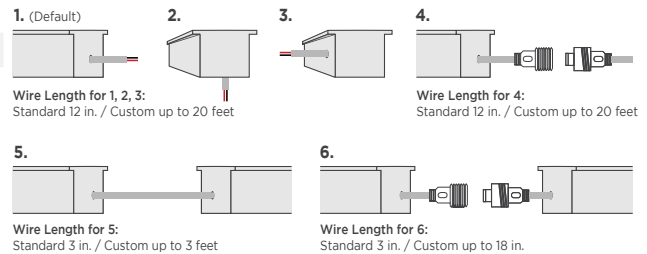
COLOR

- 18 - 1800K
 - 20 - 2000K
 - 22 - 2200K
 - 24 - 2400K
 - 27 - 2700K
 - 30 - 3000K
 - 35 - 3500K
 - 40 - 4000K
 - 60 - 6000K
 - R - Red
 - A - Amber
 - G - Green
 - B - Blue
 - VW - Variable White
 - RGB27 - Red, Green, Blue + 2700K
 - RGB30 - Red, Green, Blue + 3000K
 - RGB40 - Red, Green, Blue + 4000K
 - RGB2465 - Red, Green, Blue + 2400K + 6500K
 - RGBA - Red, Green, Blue + Amber
 - RGBW30 - RGB + 3000K Addressable
 - RGBW40 - RGB + 4000K Addressable
 - RGBW60 - RGB + 6000K Addressable
 - 2920 - Warm Dim 2900K - 2000K (IP20)
 - 2721 - Warm Dim 2700K - 2100K (IP65+IP68)
 - Z - Undecided**
- ** For quotes only. Must be chosen before final order.

CONNECTION OPTIONS (See diagrams on the right)

- 1 - End Feed Bare Wire Connection
- 2 - Back Feed Bare Wire Connection
- 3 - Side Feed Bare Wire Connection
- 4 - End Feed with IP67 Male Coupler
- 5 - Soldered Daisy Chain
- 6 - Daisy Chain With IP67 Couplers

Custom Length (ft.)



STEP 3 Add Accessories

ACCESSORIES

- CHCOUP180SC5SV - 180° Coupler Silver
- CHREFLECTASAWSV - Reflector

RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

| Available Wattage | Cutttable Length | LED Pitch | Color Temp. | lm/W without Lens | Delivered Lumens with Milky Lens (lm/ft / lm/m) | Delivered Lumens with Black Lens (lm/ft / lm/m) | Max Length | Compatible with Channel | | |
|----------------------------|-------------------|-------------------------|-------------|-------------------|---|---|---|-------------------------|------|------|
| | | | | | | | | IP20 | IP65 | IP68 |
| 0.75 Static White Series 2 | 1.97 in. (50 mm) | 48 LEDs/ft (160 LEDs/m) | 1800K | 84 | 47 / 155 | 44 / 145 | IP20: 49 ft (15 m) IP65/IP68: 32.8 ft (10 m) | ✓ | ✓ | ✓ |
| | | | 2000K | 99 | 56 / 183 | 52 / 171 | | | | |
| | | | 2200K | 109 | 61 / 201 | 57 / 188 | | | | |
| | | | 2400K | 113 | 64 / 209 | 59 / 195 | | | | |
| | | | 2700K | 123 | 69 / 227 | 65 / 212 | | | | |
| | | | 3000K | 123 | 69 / 227 | 65 / 212 | | | | |
| | | | 3500K | 130 | 73 / 240 | 68 / 224 | | | | |
| | | | 4000K | 134 | 75 / 247 | 70 / 231 | | | | |
| | | | 6000K | 131 | 74 / 242 | 69 / 226 | | | | |
| 1.5 Static White Series 2 | 1.97 in. (50 mm) | 48 LEDs/ft (160 LEDs/m) | 1800K | 84 | 95 / 310 | 88 / 289 | IP20: 49 ft (15 m) IP65/IP68: 32.8 ft (10 m) | ✓ | ✓ | ✓ |
| | | | 2000K | 98 | 110 / 362 | 103 / 338 | | | | |
| | | | 2200K | 109 | 123 / 402 | 114 / 375 | | | | |
| | | | 2400K | 113 | 127 / 417 | 119 / 389 | | | | |
| | | | 2700K | 123 | 138 / 454 | 129 / 424 | | | | |
| | | | 3000K | 123 | 138 / 454 | 129 / 424 | | | | |
| | | | 3500K | 129 | 145 / 476 | 135 / 444 | | | | |
| | | | 4000K | 134 | 151 / 495 | 141 / 462 | | | | |
| | | | 6000K | 131 | 147 / 484 | 138 / 451 | | | | |
| 2.2 Static White Series 2 | 1.97 in. (50 mm) | 48 LEDs/ft (160 LEDs/m) | 1800K | 83 | 137 / 449 | 128 / 419 | IP20: 42 ft (12.8 m) IP65/IP68: 32.8 ft (10 m) | ✓ | ✓ | ✓ |
| | | | 2000K | 96 | 158 / 520 | 148 / 485 | | | | |
| | | | 2200K | 106 | 175 / 574 | 163 / 536 | | | | |
| | | | 2400K | 111 | 183 / 601 | 171 / 561 | | | | |
| | | | 2700K | 120 | 198 / 650 | 185 / 606 | | | | |
| | | | 3000K | 122 | 201 / 660 | 188 / 616 | | | | |
| | | | 3500K | 127 | 210 / 687 | 196 / 642 | | | | |
| | | | 4000K | 133 | 219 / 720 | 205 / 672 | | | | |
| | | | 6000K | 128 | 211 / 693 | 197 / 647 | | | | |
| 3.0 Static White Series 2 | 1.97 in. (50 mm) | 48 LEDs/ft (160 LEDs/m) | 1800K | 84 | 189 / 620 | 176 / 579 | IP20: 36 ft (11 m) IP65/IP68: 32.8 ft (10 m) | ✓ | ✓ | ✓ |
| | | | 2000K | 98 | 221 / 723 | 206 / 675 | | | | |
| | | | 2200K | 108 | 243 / 797 | 227 / 744 | | | | |
| | | | 2400K | 109.8 | 247 / 811 | 231 / 756 | | | | |
| | | | 2700K | 122.9 | 277 / 907 | 258 / 847 | | | | |
| | | | 3000K | 130 | 293 / 960 | 273 / 896 | | | | |
| | | | 3500K | 133 | 299 / 982 | 279 / 916 | | | | |
| | | | 4000K | 133 | 299 / 982 | 279 / 916 | | | | |
| | | | 6000K | 128 | 288 / 945 | 269 / 882 | | | | |
| 4.4 Static White Series 2 | 1.97 in. (50 mm) | 48 LEDs/ft (160 LEDs/m) | 1800K | 81 | 267 / 877 | 249 / 818 | 28 ft 4 in. (8.64 m) | ✓ | ✓ | ✓ |
| | | | 2000K | 95 | 314 / 1029 | 293 / 960 | | | | |
| | | | 2200K | 105 | 347 / 1137 | 323 / 1061 | | | | |
| | | | 2400K | 109 | 360 / 1180 | 336 / 1101 | | | | |
| | | | 2700K | 122 | 403 / 1321 | 376 / 1233 | | | | |
| | | | 3000K | 129 | 426 / 1397 | 397 / 1304 | | | | |
| | | | 3500K | 132 | 436 / 1429 | 407 / 1334 | | | | |
| | | | 4000K | 132 | 436 / 1429 | 407 / 1334 | | | | |
| | | | 6000K | 126 | 416 / 1364 | 388 / 1273 | | | | |
| 5.0 Static White Series 2 | 1.4 in. (35.7 mm) | 68 LEDs/ft (224 LEDs/m) | 1800K | 83 | 311 / 1021 | 291 / 953 | IP20: 33 ft 4 in. (10.1 m) IP65/IP68: 32.8 ft (10 m) | ✓ | ✓ | ✓ |
| | | | 2000K | 98 | 368 / 1206 | 343 / 1125 | | | | |
| | | | 2200K | 107 | 401 / 1316 | 375 / 1229 | | | | |
| | | | 2400K | 110 | 412 / 1351 | 384 / 1261 | | | | |
| | | | 2700K | 123 | 461 / 1512 | 430 / 1411 | | | | |
| | | | 3000K | 130 | 488 / 1599 | 455 / 1493 | | | | |
| | | | 3500K | 133 | 499 / 1636 | 466 / 1527 | | | | |
| | | | 4000K | 133 | 499 / 1636 | 466 / 1527 | | | | |
| | | | 6000K | 127 | 476 / 1562 | 445 / 1458 | | | | |
| 6.0 Static White Series 2 | 1.4 in. (35.7 mm) | 68 LEDs/ft (224 LEDs/m) | 1800K | 82 | 369 / 1211 | 344 / 1130 | 28 ft (8.5 m) | ✓ | ✓ | ✓ |
| | | | 2000K | 95 | 428 / 1403 | 399 / 1309 | | | | |
| | | | 2200K | 106 | 477 / 1565 | 445 / 1461 | | | | |
| | | | 2400K | 109 | 491 / 1609 | 458 / 1502 | | | | |
| | | | 2700K | 122 | 549 / 1801 | 512 / 1681 | | | | |
| | | | 3000K | 129 | 581 / 1905 | 542 / 1778 | | | | |
| | | | 3500K | 132 | 594 / 1949 | 554 / 1819 | | | | |
| | | | 4000K | 132 | 594 / 1949 | 554 / 1819 | | | | |
| | | | 6000K | 126 | 567 / 1860 | 529 / 1736 | | | | |

RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

| Available Wattages | Cuttable Length | LED Pitch | Color Temp. | lm/W without Lens | Delivered Lumens with Milky Lens (lm/ft / lm/m) | Delivered Lumens with Black Lens (lm/ft / lm/m) | Max Length | Compatible with Channel | | |
|------------------------------|-------------------|--------------------------|-------------|-------------------|---|---|---|-------------------------|------|------|
| | | | | | | | | IP20 | IP65 | IP68 |
| 3.0 Static White Double Row | 0.7 in. (17.9 mm) | 136 LEDs/ft (448 LEDs/m) | 1800K | 73 | 202 / 662 | 153 / 504 | 65 ft 7 in. (20 m) | ✓ | N/A | N/A |
| | | | 2000K | 86 | 238 / 781 | 181 / 595 | | | | |
| | | | 2200K | 94 | 260 / 853 | 198 / 649 | | | | |
| | | | 2400K | 97 | 267 / 877 | 203 / 667 | | | | |
| | | | 2700K | 109 | 301 / 989 | 229 / 752 | | | | |
| | | | 3000K | 118 | 326 / 1069 | 248 / 813 | | | | |
| | | | 3500K | 119 | 328 / 1077 | 250 / 819 | | | | |
| | | | 4000K | 118 | 326 / 1069 | 248 / 813 | | | | |
| 6.0 Static White Double Row | 0.7 in. (17.9 mm) | 136 LEDs/ft (448 LEDs/m) | 1800K | 73 | 403 / 1324 | 307 / 1007 | 39 ft (12 m) | ✓ | N/A | N/A |
| | | | 2000K | 86 | 476 / 1563 | 362 / 1189 | | | | |
| | | | 2200K | 94 | 520 / 1707 | 396 / 1298 | | | | |
| | | | 2400K | 97 | 535 / 1754 | 407 / 1335 | | | | |
| | | | 2700K | 109 | 603 / 1978 | 459 / 1505 | | | | |
| | | | 3000K | 118 | 651 / 2137 | 496 / 1626 | | | | |
| | | | 3500K | 119 | 656 / 2153 | 499 / 1638 | | | | |
| | | | 4000K | 118 | 651 / 2137 | 496 / 1626 | | | | |
| 12.0 Static White Double Row | 0.7 in. (17.9 mm) | 136 LEDs/ft (448 LEDs/m) | 1800K | 69 | 766 / 2513 | 583 / 1912 | 26 ft 3 in. (8 m) | ✓ | N/A | N/A |
| | | | 2000K | 82 | 904 / 2967 | 688 / 2257 | | | | |
| | | | 2200K | 89 | 987 / 3239 | 751 / 2465 | | | | |
| | | | 2400K | 92 | 1015 / 3330 | 772 / 2534 | | | | |
| | | | 2700K | 104 | 1144 / 3754 | 871 / 2856 | | | | |
| | | | 3000K | 112 | 1236 / 4057 | 941 / 3087 | | | | |
| | | | 3500K | 113 | 1246 / 4087 | 948 / 3110 | | | | |
| | | | 4000K | 112 | 1236 / 4057 | 941 / 3087 | | | | |
| 0.75 Static Color Series 2 | 1.97 in. (50 mm) | 48 LEDs/ft (160 LEDs/m) | Red | 41 | 23 / 76 | 22 / 71 | IP20: 49 ft (15 m) IP65/IP68: 32.8 ft (10 m) | ✓ | ✓ | ✓ |
| | | | Green | 175 | 98 / 323 | 92 / 301 | | | | |
| | | | Blue | 19 | 11 / 35 | 10 / 33 | | | | |
| | | | Amber | 34 | 19 / 63 | 18 / 59 | | | | |
| 1.5 Static Color Series 2 | 1.97 in. (50 mm) | 48 LEDs/ft (160 LEDs/m) | Red | 42 | 47 / 155 | 44 / 145 | IP20: 49 ft (15 m) IP65/IP68: 32.8 ft (10 m) | ✓ | ✓ | ✓ |
| | | | Green | 160 | 180 / 591 | 168 / 551 | | | | |
| | | | Blue | 18 | 20 / 66 | 19 / 62 | | | | |
| | | | Amber | 34 | 38 / 125 | 36 / 117 | | | | |
| 2.2 Static Color Series 2 | 1.97 in. (50 mm) | 48 LEDs/ft (160 LEDs/m) | Red | 42 | 69 / 227 | 65 / 212 | IP20: 42 ft (12.8 m) IP65/IP68: 32.8 ft (10 m) | ✓ | ✓ | ✓ |
| | | | Green | 145 | 239 / 785 | 223 / 733 | | | | |
| | | | Blue | 18 | 30 / 97 | 28 / 91 | | | | |
| | | | Amber | 34 | 56 / 184 | 52 / 172 | | | | |
| 3.0 Static Color Series 2 | 1.97 in. (50 mm) | 48 LEDs/ft (160 LEDs/m) | Red | 40 | 90 / 295 | 84 / 267 | 32.8 ft (10 m) | ✓ | ✓ | ✓ |
| | | | Green | 127 | 286 / 937 | 267 / 875 | | | | |
| | | | Blue | 25 | 56 / 185 | 53 / 172 | | | | |
| | | | Amber | 29 | 65 / 214 | 61 / 200 | | | | |
| 4.4 Static Color Series 2 | 1.97 in. (50 mm) | 48 LEDs/ft (160 LEDs/m) | Red | 38 | 125 / 411 | 117 / 384 | 29 ft (8.8 m) | ✓ | ✓ | ✓ |
| | | | Green | 117 | 386 / 1267 | 360 / 1182 | | | | |
| | | | Blue | 24 | 79 / 260 | 74 / 243 | | | | |
| | | | Amber | 25 | 83 / 271 | 77 / 253 | | | | |
| 5.0 Static Color Series 2 | 1.4 in. (35.7 mm) | 68 LEDs/ft (224 LEDs/m) | Red | 37 | 139 / 455 | 130 / 425 | 30 ft (9.14 m) | ✓ | ✓ | ✓ |
| | | | Green | 116 | 435 / 1427 | 406 / 1332 | | | | |
| | | | Blue | 24 | 90 / 295 | 84 / 276 | | | | |
| | | | Amber | 26 | 98 / 320 | 91 / 299 | | | | |

RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

| Available Wattages | Cutable Length | LED Pitch | Color Temp. | lm/W without Lens | Delivered Lumens with Milky Lens (lm/ft / lm/m) | Delivered Lumens with Black Lens (lm/ft / lm/m) | Max Length | Compatible with Channel | | |
|--------------------------------|---------------------|--------------------------|---------------|-------------------|---|---|--|-------------------------|------|------|
| | | | | | | | | IP20 | IP65 | IP68 |
| 6.0 Static Color Series 2 | 1.4 in. (35.7 mm) | 68 LEDs/ft (224 LEDs/m) | Red | 37 | 167 / 546 | 155 / 510 | 28 ft (8.5 m) | ✓ | ✓ | ✓ |
| | | | Green | 113 | 509 / 1668 | 475 / 1557 | | | | |
| | | | Blue | 23 | 104 / 340 | 97 / 317 | | | | |
| | | | Amber | 24 | 108 / 354 | 101 / 331 | | | | |
| 2.4 Static White Linea | 1.97 in. (50 mm) | 146 LEDs/ft (480 LEDs/m) | 2700K | 67 | 120.8 / 396 | 112.7 / 369.6 | 21.3 ft (6.5 m) | ✓ | N/A | N/A |
| | | | 3000K | 71 | 127.5 / 419.3 | 119 / 391.3 | | | | |
| | | | 3500K | 83 | 149.3 / 490.5 | 139.3 / 457.8 | | | | |
| | | | 4000K | 83 | 149.3 / 490.5 | 139.3 / 457.8 | | | | |
| 3.0 Static White Linea | 1.97 in. (50 mm) | 146 LEDs/ft (480 LEDs/m) | 2700K | 66 | 148.5 / 487.5 | 138.6 / 455 | 21.3 ft (6.5 m) | ✓ | N/A | N/A |
| | | | 3000K | 73 | 164.3 / 539.3 | 153.3 / 503.3 | | | | |
| | | | 3500K | 78 | 175.5 / 576 | 163.8 / 537.6 | | | | |
| | | | 4000K | 83 | 186.8 / 612.8 | 174.3 / 571.9 | | | | |
| 4.3 Static White Linea | 1.97 in. (50 mm) | 146 LEDs/ft (480 LEDs/m) | 2700K | 75 | 242.3 / 793.5 | 226.1 / 740.6 | 24.6 ft (7.5 m) | ✓ | N/A | N/A |
| | | | 3000K | 78 | 251.3 / 825 | 234.5 / 770 | | | | |
| | | | 3500K | 86 | 277.5 / 910.5 | 259 / 849.8 | | | | |
| | | | 4000K | 86 | 277.5 / 910.5 | 259 / 849.8 | | | | |
| 6.1 Variable White Linea | 1.09 in. (27.78 mm) | 175 LEDs/ft (576 LEDs/m) | 2700K + 6500K | 95 | 435 / 427.3 | 406 / 332.1 | 16.4 ft (5 m) | ✓ | N/A | N/A |
| 1.0 Variable White Series 2 | 1.97 in. (50 mm) | 42 LEDs/ft (140 LEDs/m) | 2000K + 6500K | 85 | 64 / 209 | 60 / 195 | 32.8 ft (10 m) | ✓ | ✓ | ✓ |
| 3.0 Variable White Series 2 | 1.97 in. (50 mm) | 42 LEDs/ft (140 LEDs/m) | 2000K + 6500K | 80 | 180 / 591 | 168 / 551 | 32.8 ft (10 m) | ✓ | ✓ | ✓ |
| 6.0 Variable White Series 2 | 1.97 in. (50 mm) | 42 LEDs/ft (140 LEDs/m) | 2000K + 6500K | 75 | 338 / 1107 | 315 / 1033 | 19 ft 8 in. (6 m) | ✓ | ✓ | ✓ |
| 3.0 Variable White Double Row | 1.97 in. (50 mm) | 84 LEDs/ft (280 LEDs/m) | 2000K + 6500K | 87 | 240 / 788 | 183 / 599 | 65 ft 7 in. (20 m) | ✓ | N/A | N/A |
| 6.0 Variable White Double Row | 1.97 in. (50 mm) | 84 LEDs/ft (280 LEDs/m) | 2000K + 6500K | 82 | 453 / 1485 | 344 / 1130 | 45 ft 11 in. (14 m) | ✓ | N/A | N/A |
| 12.0 Variable White Double Row | 1.97 in. (50 mm) | 84 LEDs/ft (280 LEDs/m) | 2000K + 6500K | 71 | 784 / 2572 | 596 / 1957 | 22 ft 11 in. (7 m) | ✓ | N/A | N/A |
| 4.4 RGBW Series 2 | 1.97 in. (50 mm) | 36 LEDs/ft (120 LEDs/m) | RGBW | 45 | 148.5 / 487.2 | 138.6 / 454.7 | 19 ft 8 in. (6 m) | ✓ | N/A | N/A |
| 5.5 RGBW Series 2 | 1.97 in. (50 mm) | 36 LEDs/ft (120 LEDs/m) | RGBW | 59 | 243.3 / 798.5 | 227.2 / 745.3 | IP65: 16 ft 4 in. (5 m) IP68: 19 ft 7.9 in. (6 m) | N/A | ✓ | ✓ |
| 8.8 RGBW Series 2 | 1.97 in. (50 mm) | 36 LEDs/ft (120 LEDs/m) | RGBW | 61 | 402.6 / 1320.9 | 375.8 / 1232.9 | 16 ft 4 in. (5 m) | ✓ | N/A | N/A |

RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

| Available Wattages | Cuttable Length | LED Pitch | Color Temp. | lm/W without Lens | Delivered Lumens with Milky Lens (lm/ft / lm/m) | Delivered Lumens with Black Lens (lm/ft / lm/m) | Max Length | Compatible with Channel | | |
|----------------------|--------------------|-------------------------|-------------|-------------------|---|---|-------------------------|-------------------------|------|--------|
| | | | | | | | | IP20 | IP65 | IP68 |
| 3.0 RGBW Double Row | 1.3 in. (33 mm) | 72 LEDs/ft (240 LEDs/m) | RGBW | 91 | 251 / 824 | 191 / 627 | 26 ft 3 in. (8 m) | ✓ | N/A | N/A |
| 3.0 RGBA Double Row | 1.3 in. (33 mm) | 72 LEDs/ft (240 LEDs/m) | RGBA | 78 | 251 / 824 | 191 / 627 | 26 ft 3 in. (8 m) | ✓ | N/A | N/A |
| 6.0 RGBW Double Row | 1.3 in. (33 mm) | 72 LEDs/ft (240 LEDs/m) | RGBW | 91 | 502 / 1648 | 382 / 1254 | 22 ft 11 in. (7 m) | ✓ | N/A | N/A |
| 6.0 RGBA Double Row | 1.3 in. (33 mm) | 72 LEDs/ft (240 LEDs/m) | RGBA | 80 | 502 / 1648 | 382 / 1254 | 22 ft 11 in. (7 m) | ✓ | N/A | N/A |
| 12.0 RGBW Double Row | 1.3 in. (33 mm) | 72 LEDs/ft (240 LEDs/m) | RGBW | 79 | 872 / 2862 | 664 / 2177 | 14 ft 9 in. (4.5 m) | ✓ | N/A | N/A |
| 12.0 RGBA Double Row | 1.3 in. (33 mm) | 72 LEDs/ft (240 LEDs/m) | RGBA | 75 | 872 / 2862 | 664 / 2177 | 14 ft 9 in. (4.5 m) | ✓ | N/A | N/A |
| 4.4 5-in-1 RGBA | 2.46 in. (62.5 mm) | 29 LED/ft (96 LED/m) | RGBWW | 59 | 194.7 / 638.8 | 181.7 / 596.2 | 16 ft 4 in (5 m) | ✓ | N/A | N/A |
| 8.8 5-in-1 RGBA | 2.46 in. (62.5 mm) | 29 LED/ft (96 LED/m) | RGBWW | 50 | 330.0 / 1082.7 | 308.0 / 1010.5 | 11 ft 6 in (3.5 m) | ✓ | N/A | N/A |
| RGBW Addressable | 3.94 in. (100 mm) | 18 LEDs/ft (60 LEDs/m) | Red | 33.5 | 23.5 / 77 | 23.5 / 77 | 16 ft 5.64 in. (5.02 m) | N/A | N/A | ✓ IP67 |
| | | | Green | 82 | 57.4 / 188.3 | 57.4 / 188.3 | | | | |
| | | | Blue | 15.5 | 10.8 / 35.6 | 10.8 / 35.6 | | | | |
| | | | White | 103 | 72.1 / 236.6 | 72.1 / 236.6 | | | | |
| | | | All | 40 | 169.5 / 556.1 | 169.5 / 556.1 | | | | |
| 5.2 Warm Dim | 3.94 in. (100 mm) | 36 LEDs/ft (120 LEDs/m) | Warm Dim | 55 | 215 / 704 | 200.2 / 657 | 16 ft 4 in. (5 m) | ✓ | ✓ | ✓ |

DIODE VISIBILITY CHART (Data below applies to installations with Milky lens only)

| <p>No Visible Diode = N Note: Linea RibbonLyte has no visible diode</p> | | | | <p>With Visible Diode = Y</p> | | | | | | | | |
|--|----------------------|----------------------|-------------------------|--------------------------------------|-------------------|-------------------|--------------------------------|----------------------|----------|-------------------------|--|------------------|
| Static White & Static Color RibbonLyte | | | Static White | Color Changing RibbonLyte | | | | | | | | |
| 0.75/1.5/2.2 | 3.0/4.4 | 5.0/6.0 | 3.0/6.0/12.0 Double Row | 4.4 RGBW Series 2 | 5.5 RGBW Series 2 | 8.8 RGBW Series 2 | 3.0/6.0/12.0 RGBW/A Double Row | 4.4/8.8 5-in-1 RGBWW | Warm Dim | Variable White Series 2 | 3.0/6.0/12.0 Variable White Double Row | RGBW Addressable |
| IP20 IP65 IP68 | IP20 IP65 IP68 | IP20 IP65 IP68 | IP20 | IP20 | IP65 IP68 | IP20 | IP20 | IP20 | IP20 | IP20 IP65 IP68 | IP20 IP65 IP68 | IP67 |
| Y | N | N | N | N | N | N | N | Y | N | N | N | N |

AVAILABLE DRIVERS / CONTROLLERS AND DIMMING OPTIONS / WIRE GAUGE CHART

NON-DIMMING ELECTRONIC DRIVERS

ELV & MLV DRIVERS



30W, 60W, 96W
Non-Dimming Electronic
Class 2 Drivers

Part No.:
• DRVW2430 (30 Watt)
• DRVW2460 (60 Watt)
• DRVW2496 (96 Watt)
Output Voltage: 24 V
Voltage Range: 120-277 VAC
IP Rating: Dry or Damp
UL Listed



240W, 320W
Non-Dimming
Electronic Drivers

Part No.:
• DRVW24240 (240 Watt)
• DRVW24320 (320 Watt)
Output Voltage: 24 V
Voltage Range: 90-305 VAC
IP Rating: Dry or Damp
UL Recognized



60W, 96W, 150W, 300W, 600w_test
ELV/MLV Dimmable Drivers

Part No.:
• DRVW2460ELVMLV (60 Watt)
• DRVW2496ELVMLV (96 Watt)
• DRVW24150ELVMLV (150 Watt)
• DRVW24300ELVMLV (300 Watt)
Line Voltage Dimmable Drivers
Output Voltage: 24 V
Voltage Range: 100-277 VAC
IP Rating: IP67
UL, CE, and CSA Listed

0-10V DRIVERS



0-10V Dimmable Waterproof Drivers

96W Part No.: DRVW249610P
288W Part No.: DRVW2428810P
Output Voltage: 24 V (+/- 0.5V)
Voltage Range: 100-277 VAC
Environmental Rating: UL Wet Location
UL Listed



0-10V Dimmable 90W VW/WD Driver

Part No.: DRVRFWDVW2490120

DMX CONTROLLER AND PART NUMBER - FOR COLOR CHANGING VERSIONS



GLASS TOUCH
WALL CONTROLLERS
Part Number: AWCRGBWBK
AWCVWBK



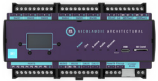
1 ZONE WALL CONTROLLER
Part Number: DMXCTRLG



5 ZONE WALL CONTROLLER
Part Number: DMXCTRL



10 ZONE WALL CONTROLLER
Part Number: DMXCTRLD



2 UNIVERSE DMX CONTROLLER
Part Number: DMXCTRLDR2U



4 CHANNEL WATERPROOF
DMX INTERFACE
Part Number: DMXINFWLCD4



5 CHANNEL
DMX INTERFACE
Part Number: DMXINFOLED5



DMX OPTO SPLITTER
Part Number: DMXOS8

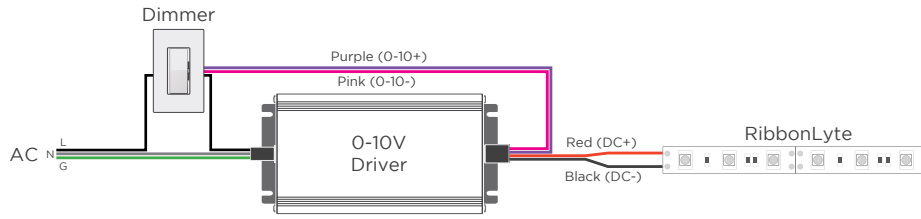
6 UNIVERSE DMX CONTROLLER
Part Number: DMXCTRLDR6U

DRIVER AND RIBBONLYTE AT FULL LOAD

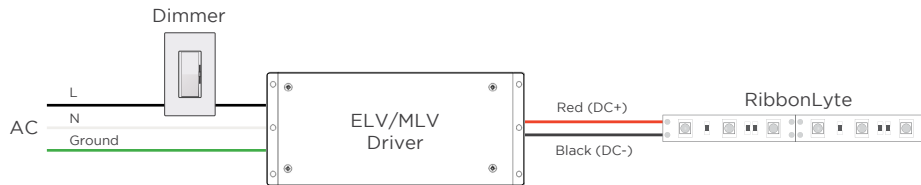
| Wattages | 30 | | 60 | | 96 | | 150 | | 200 | | 240 | | 300 | | 320 | | |
|-------------------------------|------------|--------|--------|--------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|-------|--------|
| | Wire Gauge | Feet | Meters | Feet | Meters | Feet | Meters | Feet | Meters | Feet | Meters | Feet | Meters | Feet | Meters | Feet | Meters |
| 24 AWG / 0.25 mm ² | 14 | 4.27 | 9 | 2.74 | 5.5 | 1.68 | 3.75 | 1.14 | 2.75 | 0.84 | 2.25 | 0.69 | 1.75 | 0.53 | 1.75 | 0.53 | 0.53 |
| 22 AWG / 0.34 mm ² | 22 | 6.71 | 14 | 4.27 | 9 | 2.74 | 5.75 | 1.75 | 4.5 | 1.37 | 3.5 | 1.07 | 2.75 | 0.84 | 2.75 | 0.84 | 0.84 |
| 20 AWG / 0.5 mm ² | 35 | 10.67 | 23 | 7.01 | 14 | 4.27 | 9 | 2.74 | 7 | 2.13 | 5.75 | 1.75 | 4.5 | 1.37 | 4.25 | 1.30 | 1.30 |
| 18 AWG / 0.75 mm ² | 56 | 17.07 | 37 | 11.28 | 23 | 7.01 | 15 | 4.57 | 11 | 3.35 | 9 | 2.74 | 7.5 | 2.29 | 7 | 2.13 | 2.13 |
| 16 AWG / 1.5 mm ² | 90 | 27.44 | 60 | 18.29 | 37 | 11.28 | 24 | 7.32 | 18 | 5.49 | 15 | 4.57 | 12 | 3.66 | 11 | 3.35 | 3.35 |
| 14 AWG / 2.5 mm ² | 142 | 43.29 | 95 | 28.96 | 59 | 17.99 | 38 | 11.59 | 28 | 8.54 | 23 | 7.01 | 19 | 5.79 | 17 | 5.18 | 5.18 |
| 12 AWG / 4 mm ² | 226 | 68.90 | 151 | 46.04 | 94 | 28.66 | 60 | 18.29 | 45 | 13.72 | 37 | 11.28 | 30 | 9.15 | 28 | 8.54 | 8.54 |
| 10 AWG / 6 mm ² | 360 | 109.76 | 240 | 73.17 | 150 | 45.73 | 96 | 29.27 | 72 | 21.95 | 60 | 18.29 | 48 | 14.63 | 45 | 13.72 | 13.72 |
| 8 AWG / 10 mm ² | 574 | 175.00 | 381 | 116.16 | 239 | 72.87 | 153 | 46.65 | 115 | 35.06 | 95 | 28.96 | 76 | 23.17 | 71 | 21.65 | 21.65 |

WIRING DIAGRAMS

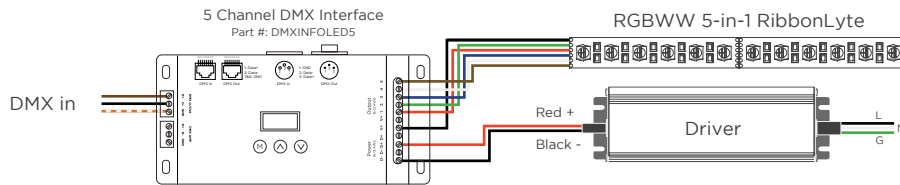
0-10V



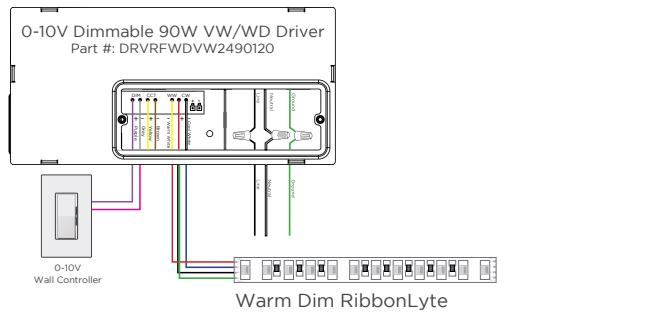
MLV / ELV



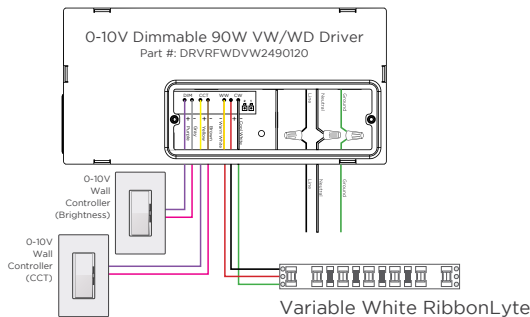
DMX



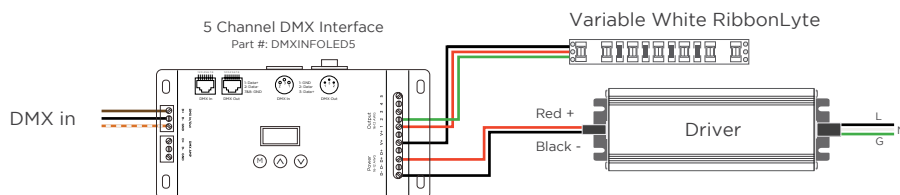
WARM DIM



2-CHANNEL VARIABLE WHITE DIMMING



DMX WIRING DIAGRAM - COMPATIBLE WITH ALL MODELS OF VARIABLE WHITE RIBBONLYTE



WIRE COLORS PER RIBBONLYTE COLOR

STATIC WHITE + STATIC COLOR

Red Wire (+) Positive
Black Wire (-) Negative

RGBW + RGBA

Black Wire (+) Positive
Green Wire (-) goes to Green Channel
Red Wire (-) goes to Red Channel
Blue Wire (-) goes to Blue Channel
White Wire (-) goes to White Channel

RGBWW

Black (+) Positive
Green Wire (-) goes to Green Channel
Red Wire (-) goes to Red Channel
Blue Wire (-) goes to Blue Channel
White Wire (-) goes to White Channel 1
Brown Wire (-) goes to White Channel 2

WARM DIM

Red Wire (-) goes to Warm White Channel
Blue Wire (-) goes to Cool White Channel
Black Wire (+) goes to Warm White Channel
Green Wire (+) goes to Cool White Channel

VARIABLE WHITE


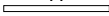



Black Wire (+) Positive
Red Wire (-) goes to Warm White Channel
Green Wire (-) goes to Cool White Channel

WIRING DIAGRAMS WITH RGBW ADDRESSABLE RIBBONLYTE

One DMX Universe consists of 128 addresses and 512 channels (42 ft, 8 in. of RibbonLyte).

Any single run of RibbonLyte that is less than 16 ft, 4 in. can be wired directly to the controller.

For additional runs, Opto Splitter must be used. Each individual run will need its own Opto Splitter output.

| WIRE INDEX | |
|------------|---|
| + |  |
| PI |  |
| A+ |  |
| B- |  |
| GND |  |

