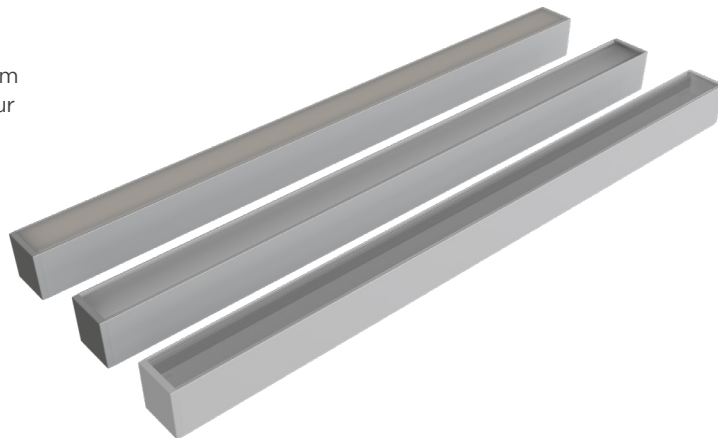


## AS11 CHANNEL FIXTURE

AS11 Channel is a small surface mounted aluminum extrusion. With a 100° beam angle, AS11 Channel fits RibbonLyte strips with a maximum width up to 0.41 in. (10.5 mm). Create a custom fixture with AS11, your choice of RibbonLyte and clear or milky lenses.

- Available for field assembly or factory assembly
- 0.52 in. (13.1 mm) wide by 0.54 in. (13.7 mm) deep
- 100° beam angle
- Wattage Range: 0.75 W/ft (2.46 W/m) to 6.1 W/ft (20 W/m)
- Static White delivered lumen range:  
48.51 lm/ft (159.39 lm/m) to 728.64 lm/ft (2390.16 lm/m)
- Clear and Milky lenses
- Magnetic mounting option available



## HOUSING FINISHES



\*Additional fee applies



## AVAILABLE LENS FINISHES

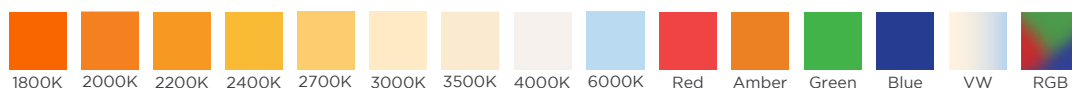


**Clear Lens**  
92% Light Transmission



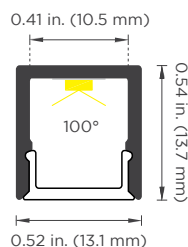
**Milky Lens**  
77% Light Transmission

## AVAILABLE COLORS & COLOR TEMPERATURES



## DIMENSIONS

### AS11 Channel

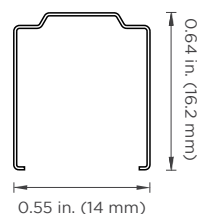


**Width:** 0.52 in. (13.1 mm)  
**Height:** 0.54 in. (13.7 mm)  
**Internal Width:** 0.41 in. (10.5 mm)

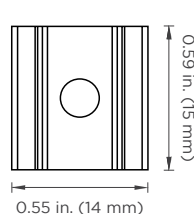
### Mounting Clip (included accessory)

Material: stainless steel

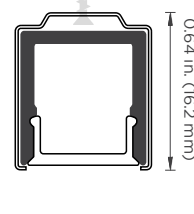
#### Side View



#### Top View



#### Assembled View



#### Note:

1. **Magnetic mounting** option available (see page 2)
2. **Exterior channel applications** should be securely attached to the mounting surface with appropriate screws and/or liquid nails. Acolyte strongly recommends field assembly for exterior applications. Use mounting clips for interior applications only.

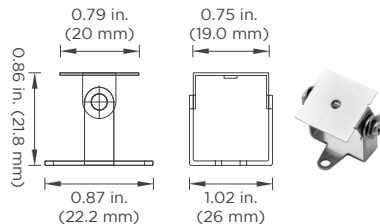
## SPECIFICATIONS

|                         |                                                                                                                                                                                                                                        |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Beam Angle              | 100°                                                                                                                                                                                                                                   |
| Lens Type               | Clear Lens, Milky Lens                                                                                                                                                                                                                 |
| Length                  | Channel is sold by the foot and cut to your exact desired length. Required amount of mounting clips included.                                                                                                                          |
| Operating Voltage       | 24 V                                                                                                                                                                                                                                   |
| Dimming                 | MLV / 0-10 Volt / ELV / DALI                                                                                                                                                                                                           |
| Operating Temperature   | -40 — 158 °F (-40 — 70 °C)                                                                                                                                                                                                             |
| Colors                  | 1800K, 2000K, 2200K, 2400K, 2700K, 3000K, 3500K, 4000K, 6000K, Red, Amber, Green, Blue, VW, Pixel (RGB)<br>(Note: 1800K, 2000K, 2200K and Pixel are only available in IP20)                                                            |
| CRI                     | 90+ CRI (Static White only)                                                                                                                                                                                                            |
| Lifetime (L70 reported) | 50,000 hours                                                                                                                                                                                                                           |
| MacAdam ellipse (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

### Tilttable Stand (Part #: TILTSTANDST)

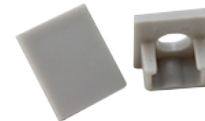
Material: stainless steel



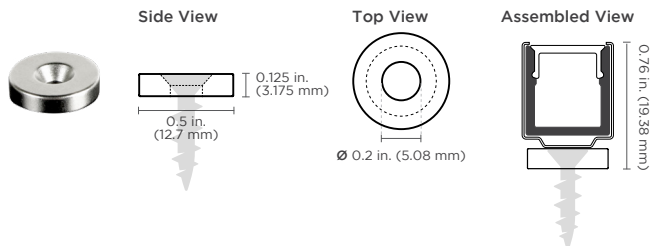
Assembled Height with Channel: 1.5 in. (38 mm)

### End Caps (included accessory)

Material: ABS



### Magnetic Mount (Part #: CHMAG0.5)



#### Features:

- High-energy neodymium magnets come attached to mounting clips with countersink hex nuts
- Create easy-mount magnetic channels with minimal surface gaps; no tools or drilling necessary
- Magnets rated for 8 lbs. of pull force with static load

#### Applications:

- Industrial lighting retrofits for troffers and other metal fixtures
- Metal retail shelf lighting
- Temporary light fixture installations

## ORDERING GUIDE

### STEP 1 Complete Channel Part Number

| CHANNEL               | LENS           | HOUSING COLOR |                                   |
|-----------------------|----------------|---------------|-----------------------------------|
| CHAS11                |                |               |                                   |
| CHAS11 - AS11 Channel | C - Clear Lens | SV - Silver   | WH - White                        |
|                       | M - Milky Lens | BK - Black    | Consult factory for custom colors |

### STEP 2 Complete RibbonLyte Part Number

| CATEGORY        | CRI                              | RIBBON TYPE & IP RATING             |                                 |
|-----------------|----------------------------------|-------------------------------------|---------------------------------|
| RB              |                                  |                                     |                                 |
| RB - RibbonLyte | 0 - Static Color, Color Changing | SWS220 - Static White Series 2 IP20 | LINEA20 - Linea RibbonLyte IP20 |
|                 | 90 - 90+ CRI Static White        | SWS265 - Static White Series 2 IP65 | VWS220 - VW Series 2 IP20       |
|                 |                                  | SCS220 - Static Color Series 2 IP20 | VWS265 - VW Series 2 IP65       |
|                 |                                  | SCS265 - Static Color Series 2 IP65 | RGBADD - Pixel IP20             |

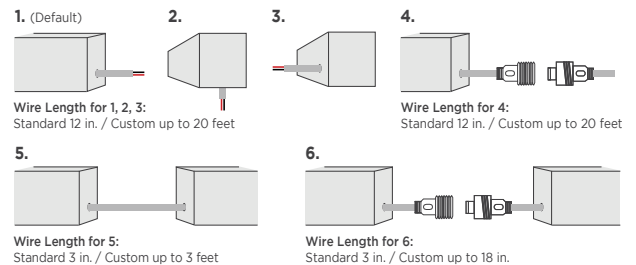
**NOTE:** To ensure waterproofing standards are met, IP65 RibbonLyte can NOT be cut in the field.

| WATTAGE                                                                | COLOR                                                             |
|------------------------------------------------------------------------|-------------------------------------------------------------------|
| 0.75 - 0.75 W/ft (2.46 W/m - Static White, Static Color)               | 18 - 1800K R - Red                                                |
| 1.0 - 1.0 W/ft (3.3 W/m - Variable White)                              | 20 - 2000K A - Amber                                              |
| 1.5 - 1.5 W/ft (4.9 W/m - Static White, Static Color)                  | 22 - 2200K G - Green                                              |
| 2.2 - 2.2 W/ft (7.2 W/m - Static White, Static Color)                  | 24 - 2400K B - Blue                                               |
| 2.4 - 2.4 W/ft (8 W/m - Static White)                                  | 27 - 2700K RGBS - Pixel (SPI)                                     |
| 3.0 - 3.0 W/ft (9.8 W/m - Static White, Static Color, Variable White)  | 30 - 3000K VW - Variable White 2000K-6500K                        |
| 4.3 - 4.3 W/ft (14 W/m - Static White)                                 | 35 - 3500K VW1833 - Variable White 1800K-3300K (IP20)             |
| 4.4 - 4.4 W/ft (14.4 W/m - Static White, Static Color)                 | 40 - 4000K Z - Undecided**                                        |
| 5.0 - 5.0 W/ft (16.4 W/m - Static White, Static Color)                 | 60 - 6000K ** For quotes only. Must be chosen before final order. |
| 5.3 - 5.3 W/ft (17.5 W/m - Pixel)                                      |                                                                   |
| 6.0 - 6.0 W/ft (19.7 W/m - Static White, Static Color, Variable White) |                                                                   |
| 6.1 - 6.1 W/ft (20 W/m - Variable White)                               |                                                                   |

#### CONNECTION OPTIONS (See diagrams on the right)

#### Custom Length (ft.)

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



### STEP 3 Complete Assembly Option & Length

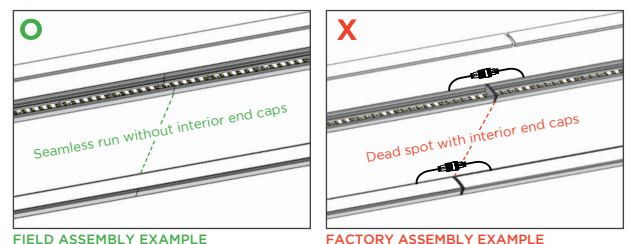
| ASSEMBLY OPTION                                                    | LENGTH (Standard factory assembled length up to 6 ft 6.7 in. / 2 m) |
|--------------------------------------------------------------------|---------------------------------------------------------------------|
| FI - Field Assembly                                                |                                                                     |
| FA - Factory Assembly* (not recommended for exterior applications) |                                                                     |

\* Factory assembled runs exceeding 6 ft 6.7 in. (2 m) will be split into multiple daisy chained fixtures.

### STEP 4 Add Accessories

| ACCESSORIES                   |
|-------------------------------|
| TILTSTANDST - Tilttable Stand |
| CHMAG0.5 - Magnetic Mount     |

**DO NOT BUTT END CAPS AGAINST EACH OTHER WHEN CREATING LONGER FIXTURES**  
Acolyte STRONGLY SUGGESTS field assembly (without using interior end caps) for direct-view fixtures of more than 6 ft 6.7 in. (2 m) in length. Field assembly without interior end caps will eliminate gaps or dead spots that can be caused by butting interior end caps against each other.



## RIBBONLYTE SPECIFICATIONS &amp; COMPATIBILITY

| Available Wattages         | Cuttable Length  | LED Pitch               | CCTs & Colors | lm/W without Lens | Delivered Lumens with Clear Lens |         | Delivered Lumens with Milky Lens |         | Max Length                 | Compatible with Channel |      |      |
|----------------------------|------------------|-------------------------|---------------|-------------------|----------------------------------|---------|----------------------------------|---------|----------------------------|-------------------------|------|------|
|                            |                  |                         |               |                   | lm/ft                            | lm/m    | lm/ft                            | lm/m    |                            | IP20                    | IP65 | IP68 |
| 0.75 Static White Series 2 | 1.97 in. (50 mm) | 48 LEDs/ft (160 LEDs/m) | 1800K         | 84                | 57.96                            | 190.44  | 48.51                            | 159.39  | IP20: 49 ft (15 m)         | ✓                       | ✓    |      |
|                            |                  |                         | 2000K         | 99                | 68.36                            | 224.48  | 57.21                            | 187.88  |                            |                         |      |      |
|                            |                  |                         | 2200K         | 109               | 75.26                            | 246.56  | 62.99                            | 206.36  |                            |                         |      |      |
|                            |                  |                         | 2400K         | 113               | 78.02                            | 255.76  | 65.3                             | 214.06  |                            |                         |      |      |
|                            |                  |                         | 2700K         | 123               | 84.64                            | 278.76  | 70.84                            | 233.31  | IP65: 32.8 ft (10 m)       |                         |      |      |
|                            |                  |                         | 3000K         | 123               | 84.64                            | 278.76  | 70.84                            | 233.31  |                            |                         |      |      |
|                            |                  |                         | 3500K         | 130               | 90.16                            | 294.4   | 75.46                            | 246.4   |                            |                         |      |      |
|                            |                  |                         | 4000K         | 134               | 92.92                            | 303.6   | 77.77                            | 254.1   |                            |                         |      |      |
|                            |                  |                         | 6000K         | 131               | 90.16                            | 296.24  | 75.46                            | 247.94  |                            |                         |      |      |
|                            |                  |                         | 1800K         | 84                | 115.92                           | 379.96  | 97.02                            | 318.01  | IP20: 49 ft (15 m)         | ✓                       | ✓    |      |
|                            |                  |                         | 2000K         | 98                | 135.24                           | 443.44  | 113.19                           | 371.14  |                            |                         |      |      |
|                            |                  |                         | 2200K         | 109               | 150.88                           | 493.12  | 126.28                           | 412.72  |                            |                         |      |      |
|                            |                  |                         | 2400K         | 113               | 155.48                           | 511.52  | 130.13                           | 428.12  |                            |                         |      |      |
|                            |                  |                         | 2700K         | 123               | 169.28                           | 556.6   | 141.68                           | 465.85  | IP65: 32.8 ft (10 m)       |                         |      |      |
|                            |                  |                         | 3000K         | 123               | 169.28                           | 556.6   | 141.68                           | 465.85  |                            |                         |      |      |
|                            |                  |                         | 3500K         | 129               | 177.56                           | 584.2   | 148.61                           | 488.95  |                            |                         |      |      |
|                            |                  |                         | 4000K         | 134               | 184.92                           | 606.28  | 154.77                           | 507.43  |                            |                         |      |      |
|                            |                  |                         | 6000K         | 131               | 181.24                           | 593.4   | 151.69                           | 496.65  |                            |                         |      |      |
|                            |                  |                         | 1800K         | 83                | 168.36                           | 551.08  | 140.91                           | 461.23  | IP20: 42 ft (12.8 m)       | ✓                       | ✓    |      |
|                            |                  |                         | 2000K         | 96                | 194.12                           | 637.56  | 162.47                           | 533.61  |                            |                         |      |      |
|                            |                  |                         | 2200K         | 106               | 214.36                           | 703.8   | 179.41                           | 589.05  |                            |                         |      |      |
|                            |                  |                         | 2400K         | 111               | 224.48                           | 736.92  | 187.88                           | 616.77  | IP65: 32.8 ft (10 m)       |                         |      |      |
|                            |                  |                         | 2700K         | 120               | 242.88                           | 796.72  | 203.28                           | 666.82  |                            |                         |      |      |
|                            |                  |                         | 3000K         | 122               | 246.56                           | 809.6   | 206.36                           | 677.6   |                            |                         |      |      |
|                            |                  |                         | 3500K         | 127               | 256.68                           | 842.72  | 214.83                           | 705.32  |                            |                         |      |      |
|                            |                  |                         | 4000K         | 133               | 269.56                           | 883.2   | 225.61                           | 739.2   |                            |                         |      |      |
|                            |                  |                         | 6000K         | 128               | 258.52                           | 859.28  | 216.37                           | 719.18  |                            |                         |      |      |
|                            |                  |                         | 1800K         | 84                | 230.92                           | 757.16  | 193.27                           | 633.71  | IP20: 36 ft (11 m)         | ✓                       | ✓    |      |
|                            |                  |                         | 2000K         | 98                | 271.4                            | 890.56  | 227.15                           | 745.36  |                            |                         |      |      |
|                            |                  |                         | 2200K         | 108               | 298.08                           | 977.96  | 249.48                           | 818.51  |                            |                         |      |      |
|                            |                  |                         | 2400K         | 112               | 309.12                           | 1013.84 | 258.72                           | 848.54  | IP65: 32.8 ft (10 m)       |                         |      |      |
|                            |                  |                         | 2700K         | 127               | 350.52                           | 1150    | 293.37                           | 962.5   |                            |                         |      |      |
|                            |                  |                         | 3000K         | 133               | 367.08                           | 1204.28 | 307.23                           | 1007.93 |                            |                         |      |      |
|                            |                  |                         | 3500K         | 137               | 378.12                           | 1240.16 | 316.47                           | 1037.96 |                            |                         |      |      |
|                            |                  |                         | 4000K         | 134               | 369.84                           | 1213.48 | 309.54                           | 1015.63 |                            |                         |      |      |
|                            |                  |                         | 6000K         | 132               | 364.32                           | 1195.08 | 304.92                           | 1000.23 |                            |                         |      |      |
|                            |                  |                         | 1800K         | 81                | 326.6                            | 1070.88 | 273.35                           | 896.28  | 28 ft 4 in. (8.64 m)       | ✓                       | ✓    |      |
|                            |                  |                         | 2000K         | 95                | 385.48                           | 1265.92 | 322.63                           | 1059.52 |                            |                         |      |      |
|                            |                  |                         | 2200K         | 105               | 425.96                           | 1398.4  | 356.51                           | 1170.4  |                            |                         |      |      |
|                            |                  |                         | 2400K         | 109               | 441.6                            | 1447.16 | 369.6                            | 1211.21 | IP20: 33 ft 4 in. (10.1 m) | ✓                       | ✓    |      |
|                            |                  |                         | 2700K         | 124               | 502.32                           | 1646.8  | 420.42                           | 1378.3  |                            |                         |      |      |
|                            |                  |                         | 3000K         | 131               | 529.92                           | 1739.72 | 443.52                           | 1456.07 |                            |                         |      |      |
|                            |                  |                         | 3500K         | 133               | 538.2                            | 1766.4  | 450.45                           | 1478.4  |                            |                         |      |      |
|                            |                  |                         | 4000K         | 133               | 538.2                            | 1766.4  | 450.45                           | 1478.4  | IP65: 32.8 ft (10 m)       |                         |      |      |
|                            |                  |                         | 6000K         | 128               | 517.96                           | 1699.24 | 433.51                           | 1422.19 |                            |                         |      |      |
|                            |                  |                         | 1800K         | 83                | 383.64                           | 1257.64 | 321.09                           | 1052.59 |                            |                         |      |      |
|                            |                  |                         | 2000K         | 98                | 448.96                           | 1473.84 | 375.76                           | 1233.54 | IP20: 33 ft 4 in. (10.1 m) | ✓                       | ✓    |      |
|                            |                  |                         | 2200K         | 107               | 490.36                           | 1609.08 | 410.41                           | 1346.73 |                            |                         |      |      |
|                            |                  |                         | 2400K         | 110               | 506                              | 1659.68 | 423.5                            | 1389.08 |                            |                         |      |      |
|                            |                  |                         | 2700K         | 124               | 570.4                            | 1871.28 | 477.4                            | 1566.18 |                            |                         |      |      |
|                            |                  |                         | 3000K         | 134               | 616.4                            | 2022.16 | 515.9                            | 1692.46 | IP65: 32.8 ft (10 m)       |                         |      |      |
|                            |                  |                         | 3500K         | 135               | 621                              | 2036.88 | 519.75                           | 1704.78 |                            |                         |      |      |
|                            |                  |                         | 4000K         | 134               | 616.4                            | 2022.16 | 515.9                            | 1692.46 |                            |                         |      |      |
|                            |                  |                         | 6000K         | 130               | 598                              | 1961.44 | 500.5                            | 1641.64 |                            |                         |      |      |
|                            |                  |                         | 1800K         | 82                | 450.8                            | 1478.44 | 377.3                            | 1237.39 | 28 ft (8.5 m)              | ✓                       | ✓    |      |
|                            |                  |                         | 2000K         | 95                | 524.4                            | 1720.4  | 438.9                            | 1439.9  |                            |                         |      |      |
|                            |                  |                         | 2200K         | 106               | 583.28                           | 1913.6  | 488.18                           | 1601.6  |                            |                         |      |      |
|                            |                  |                         | 2400K         | 110               | 607.2                            | 1991.8  | 508.2                            | 1667.05 |                            |                         |      |      |
|                            |                  |                         | 2700K         | 122               | 673.44                           | 2208.92 | 563.64                           | 1848.77 | IP20: 33 ft 4 in. (10.1 m) | ✓                       | ✓    |      |
|                            |                  |                         | 3000K         | 132               | 728.64                           | 2390.16 | 609.84                           | 2000.46 |                            |                         |      |      |
|                            |                  |                         | 3500K         | 132               | 728.64                           | 2390.16 | 609.84                           | 2000.46 |                            |                         |      |      |
|                            |                  |                         | 4000K         | 130               | 717.6                            | 2353.36 | 600.6                            | 1969.66 |                            |                         |      |      |
|                            |                  |                         | 6000K         | 128               | 706.56                           | 2317.48 | 591.36                           | 1939.63 |                            |                         |      |      |

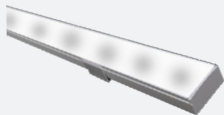
## RIBBONLYTE SPECIFICATIONS &amp; COMPATIBILITY

| Available Wattages         | Cuttable Length   | LED Pitch                | CCTs & Colors | lm/W without Lens | Delivered Lumens with Clear Lens |         | Delivered Lumens with Milky Lens |         | Max Length           | Compatible with Channel |      |      |
|----------------------------|-------------------|--------------------------|---------------|-------------------|----------------------------------|---------|----------------------------------|---------|----------------------|-------------------------|------|------|
|                            |                   |                          |               |                   | lm/ft                            | lm/m    | lm/ft                            | lm/m    |                      | IP20                    | IP65 | IP68 |
| 0.75 Static Color Series 2 | 1.97 in. (50 mm)  | 48 LEDs/ft (160 LEDs/m)  | Red           | 41                | 28.52                            | 93.84   | 23.87                            | 78.54   | IP20: 49 ft (15 m)   | ✓                       | ✓    |      |
|                            |                   |                          | Green         | 175               | 120.52                           | 395.6   | 100.87                           | 331.1   |                      |                         |      |      |
|                            |                   |                          | Blue          | 19                | 12.88                            | 42.32   | 10.78                            | 35.42   | IP65: 32.8 ft (10 m) |                         |      |      |
|                            |                   |                          | Amber         | 34                | 23.92                            | 78.2    | 20.02                            | 65.45   |                      |                         |      |      |
| 1.5 Static Color Series 2  | 1.97 in. (50 mm)  | 48 LEDs/ft (160 LEDs/m)  | Red           | 42                | 57.96                            | 190.07  | 48.51                            | 159.08  | IP20: 49 ft (15 m)   | ✓                       | ✓    |      |
|                            |                   |                          | Green         | 160               | 220.8                            | 724.22  | 184.8                            | 606.14  |                      |                         |      |      |
|                            |                   |                          | Blue          | 18                | 24.84                            | 81.51   | 20.79                            | 68.22   | IP65: 32.8 ft (10 m) |                         |      |      |
|                            |                   |                          | Amber         | 34                | 46.92                            | 153.92  | 39.27                            | 128.82  |                      |                         |      |      |
| 2.2 Static Color Series 2  | 1.97 in. (50 mm)  | 48 LEDs/ft (160 LEDs/m)  | Red           | 42                | 84.64                            | 277.66  | 70.84                            | 232.39  | IP20: 42 ft (12.8 m) | ✓                       | ✓    |      |
|                            |                   |                          | Green         | 145               | 293.48                           | 962.6   | 245.63                           | 805.65  |                      |                         |      |      |
|                            |                   |                          | Blue          | 18                | 36.8                             | 120.7   | 30.8                             | 101.02  | IP65: 32.8 ft (10 m) |                         |      |      |
|                            |                   |                          | Amber         | 33                | 67.16                            | 220.25  | 56.21                            | 184.34  |                      |                         |      |      |
| 3.0 Static Color Series 2  | 1.97 in. (50 mm)  | 48 LEDs/ft (160 LEDs/m)  | Red           | 40                | 112.24                           | 368.92  | 93.94                            | 308.77  | 32.8 ft (10 m)       | ✓                       | ✓    |      |
|                            |                   |                          | Green         | 127               | 368                              | 1208.88 | 308                              | 1011.78 |                      |                         |      |      |
|                            |                   |                          | Blue          | 25                | 69.92                            | 230     | 58.52                            | 192.5   |                      |                         |      |      |
|                            |                   |                          | Amber         | 29                | 80.04                            | 261.28  | 66.99                            | 218.68  |                      |                         |      |      |
| 4.4 Static Color Series 2  | 1.97 in. (50 mm)  | 48 LEDs/ft (160 LEDs/m)  | Red           | 38                | 159.16                           | 521.64  | 133.21                           | 436.59  | 29 ft (8.8 m)        | ✓                       | ✓    |      |
|                            |                   |                          | Green         | 117               | 492.2                            | 1613.68 | 411.95                           | 1350.58 |                      |                         |      |      |
|                            |                   |                          | Blue          | 24                | 103.04                           | 339.48  | 86.24                            | 284.13  |                      |                         |      |      |
|                            |                   |                          | Amber         | 25                | 101.20                           | 332.12  | 84.7                             | 277.97  |                      |                         |      |      |
| 5.0 Static Color Series 2  | 1.4 in. (35.7 mm) | 68 LEDs/ft (224 LEDs/m)  | Red           | 37                | 172.04                           | 563.04  | 143.99                           | 471.24  | 30 ft (9.14 m)       | ✓                       | ✓    |      |
|                            |                   |                          | Green         | 116               | 547.4                            | 1795.84 | 458.15                           | 1503.04 |                      |                         |      |      |
|                            |                   |                          | Blue          | 24                | 114.08                           | 375.36  | 95.48                            | 314.16  |                      |                         |      |      |
|                            |                   |                          | Amber         | 26                | 116.84                           | 381.8   | 97.79                            | 319.55  |                      |                         |      |      |
| 6.0 Static Color Series 2  | 1.4 in. (35.7 mm) | 68 LEDs/ft (224 LEDs/m)  | Red           | 37                | 198.72                           | 651.36  | 166.32                           | 545.16  | 28 ft (8.5 m)        | ✓                       | ✓    |      |
|                            |                   |                          | Green         | 113               | 598.92                           | 1966.04 | 501.27                           | 1645.49 |                      |                         |      |      |
|                            |                   |                          | Blue          | 23                | 130.64                           | 427.8   | 109.34                           | 358.05  |                      |                         |      |      |
|                            |                   |                          | Amber         | 24                | 137.08                           | 448.96  | 114.73                           | 375.76  |                      |                         |      |      |
| 2.4 Static White Linea     | 1.97 in. (50 mm)  | 146 LEDs/ft (480 LEDs/m) | 2700K         | 67                | 148.12                           | 485.76  | 123.97                           | 406.56  | 21.3 ft (6.5 m)      | ✓                       | N/A  | N/A  |
|                            |                   |                          | 3000K         | 71                | 156.4                            | 514.28  | 130.9                            | 430.43  |                      |                         |      |      |
|                            |                   |                          | 3500K         | 83                | 183.08                           | 601.68  | 153.23                           | 503.58  |                      |                         |      |      |
|                            |                   |                          | 4000K         | 83                | 183.08                           | 601.68  | 153.23                           | 503.58  |                      |                         |      |      |
| 3.0 Static White Linea     | 1.97 in. (50 mm)  | 146 LEDs/ft (480 LEDs/m) | 2700K         | 66                | 182.16                           | 598     | 152.46                           | 500.5   | 21.3 ft (6.5 m)      | ✓                       | N/A  | N/A  |
|                            |                   |                          | 3000K         | 73                | 201.48                           | 661.48  | 168.63                           | 553.63  |                      |                         |      |      |
|                            |                   |                          | 3500K         | 78                | 215.28                           | 706.56  | 180.18                           | 591.36  |                      |                         |      |      |
|                            |                   |                          | 4000K         | 83                | 229.08                           | 751.64  | 191.73                           | 629.09  |                      |                         |      |      |
| 4.3 Static White Linea     | 1.97 in. (50 mm)  | 146 LEDs/ft (480 LEDs/m) | 2700K         | 75                | 297.16                           | 973.36  | 248.71                           | 814.66  | 24.6 ft (7.5 m)      | ✓                       | N/A  | N/A  |
|                            |                   |                          | 3000K         | 78                | 308.2                            | 1012    | 257.95                           | 847     |                      |                         |      |      |
|                            |                   |                          | 3500K         | 86                | 340.4                            | 1116.88 | 284.9                            | 934.78  |                      |                         |      |      |
|                            |                   |                          | 4000K         | 86                | 340.4                            | 1116.88 | 284.9                            | 934.78  |                      |                         |      |      |

RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

| Available Wattages          | Cutable Length      | LED Pitch                | CCTs & Colors                                   | lm/W without Lens | Delivered Lumens with Clear Lens |         | Delivered Lumens with Milky Lens |         | Max Length            | Compatible with Channel |      |      |
|-----------------------------|---------------------|--------------------------|-------------------------------------------------|-------------------|----------------------------------|---------|----------------------------------|---------|-----------------------|-------------------------|------|------|
|                             |                     |                          |                                                 |                   | lm/ft                            | lm/m    | lm/ft                            | lm/m    |                       | IP20                    | IP65 | IP68 |
| 6.1 Variable White Linea    | 1.09 in. (27.78 mm) | 175 LEDs/ft (576 LEDs/m) | 2700K + 6500K                                   | 95                | 403.9                            | 1324.79 | 338.05                           | 1108.79 | 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                                   | 77                | 70.47                            | 231.15  | 58.98                            | 193.46  | 32.8 ft (10 m)        | ✓                       | ✓    |      |
| 3.0 Variable White Series 2 | 1.97 in. (50 mm)    | 42 LEDs/ft (140 LEDs/m)  | 2000K + 6500K                                   | 73                | 201.02                           | 659.53  | 168.25                           | 552     | 32.8 ft (10 m)        | ✓                       | ✓    |      |
| 6.0 Variable White Series 2 | 1.97 in. (50 mm)    | 42 LEDs/ft (140 LEDs/m)  | 2000K + 6500K                                   | 73                | 402.41                           | 1319.9  | 336.8                            | 1104.7  | 19 ft 8 in. (6 m)     | ✓                       | ✓    |      |
| 5.2 Warm Dim                | 3.94 in. (100 mm)   | 36 LEDs/ft (120 LEDs/m)  | IP20: 2000K + 6500K<br>IP65/IP68: 2000K + 6500K | 55                | 264.96                           | 869.4   | 221.76                           | 727.65  | 16.4 ft (5 m)         | ✓                       | ✓    |      |
| 5.3 Pixel                   | 3.94 in. (100 mm)   | 18 LEDs/ft (60 LEDs/m)   | RGB                                             | 26                | 126.04                           | 414     | 105.49                           | 346.5   | 24 ft 7.2 in. (7.5 m) | ✓                       | N/A  | N/A  |

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

|  <p><b>No Visible Diode = N</b><br/>Note: Linea RibbonLyte has no visible diode</p> |              |              |  <p><b>With Visible Diode = Y</b></p> |                   |                   |                   |                  |                  |                         |              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------|---------------------------------------------------------------------------------------------------------------------------|-------------------|-------------------|-------------------|------------------|------------------|-------------------------|--------------|
| Static White & Static Color RibbonLyte                                                                                                                                 |              |              | Color Changing RibbonLyte                                                                                                 |                   |                   |                   |                  |                  |                         |              |
| 0.75/1.5/2.2                                                                                                                                                           | 3.0/4.4      | 5.0/6.0      | 5.3 Pixel (RGB)                                                                                                           | 4.4 RGBW Series 2 | 5.5 RGBW Series 2 | 8.8 RGBW Series 2 | 4.4 5-in-1 RGBWW | 8.8 5-in-1 RGBWW | Variable White Series 2 | Warm Dim     |
| IP20<br>IP65                                                                                                                                                           | IP20<br>IP65 | IP20<br>IP65 | IP20                                                                                                                      | IP20              | IP65<br>IP68      | IP20              | IP20             | IP20             | IP20<br>IP65            | IP20<br>IP65 |
| N                                                                                                                                                                      | N            | N            | N                                                                                                                         | N                 | N                 | N                 | N                | N                | N                       | N            |

AVAILABLE DRIVERS / CONTROLLERS AND DIMMING OPTIONS / WIRE GAUGE CHART

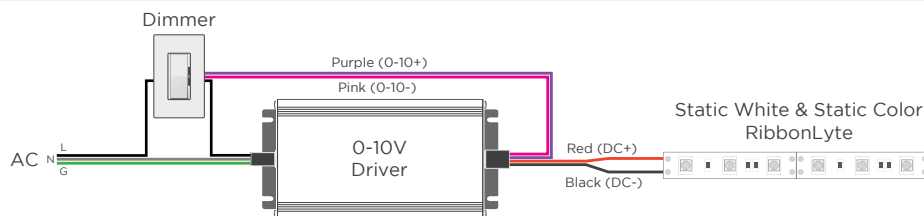
| NON-DIMMING ELECTRONIC DRIVERS                                                                                                                                                                                                                           |                                                                                                                                                                                                                              | ELV & MLV DRIVERS                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                     | DIMMABLE DALI DRIVERS                                                                                                                                                                                                                                                                                                            |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
|                                                                                                                                                                         |                                                                                                                                             |                                                                                                                                               |                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                               |  |
| <b>30W, 60W, 96W Non-Dimming Electronic Class 2 Drivers</b><br><br>Part No.:<br>• DRVW2430 (30 Watt)<br>• DRVW2460 (60 Watt)<br>• DRVW2496 (96 Watt)<br><br>Output Voltage: 24 VDC<br>Input Voltage: 120-277 VAC<br>IP65, dry/damp location<br>UL Listed | <b>240W, 320W Non-Dimming Electronic Drivers</b><br><br>Part No.:<br>• DRVW24240 (240 Watt)<br>• DRVW24320 (320 Watt)<br><br>Output Voltage: 24 VDC<br>Input Voltage: 90-305 VAC<br>IP65, dry/damp location<br>UL Recognized | <b>60W, 96W Non-Dimming Compact Drivers</b><br><br>Part No.:<br>• DRV2460C (60 Watt)<br>• DRV2496C (96 Watt)<br><br>Output Voltage: 24 VDC<br>Input Voltage: 120-277 VAC<br>IP20, dry location<br>UL Class P                   | <b>60W, 96W, 150W, 300W ELV/MLV Dimmable Drivers</b><br><br>Part No.:<br>• DRVW2460ELVMLV (60 Watt)<br>• DRVW2496ELVMLV (96 Watt)<br>• DRVW24150ELVMLV (150 Watt)<br>• DRVW24300ELVMLV (300 Watt)<br><br>Line Voltage Dimmable Drivers<br>Output Voltage: 24 VDC<br>Input Voltage: 100-277 VAC<br>IP67, damp/wet location<br>UL, CE, and CSA Listed | <b>100W 1 Channel, 100W 2 Channel, 150W 4 Channel Dimmable DALI Drivers</b><br><br>Part No.:<br>• DRV100DALI1CH (100W 1 channel)<br>• DRV100DALI2CH (100W 2 channel)<br>• DRV150DALI4CH (150W 4 channel)<br><br>Output Voltage: 24 VDC<br>Input Voltage: 120-277 VAC<br>IP20, dry location<br>CE, UL Recognized, FCC, RoHS, SELV |  |
| 0-10V DRIVERS                                                                                                                                                                                                                                            |                                                                                                                                                                                                                              | ATHENA WIRELESS COMPATIBLE                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                     | DIMMABLE DALI-2 DRIVERS                                                                                                                                                                                                                                                                                                          |  |
|                                                                                                                                                                         |                                                                                                                                             |                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                               |  |
| <b>0-10V Dimmable Waterproof Drivers</b><br><br>• Part No.: DRVW249610P (96 Watt)<br>• Part No.: DRVW2428810P (288 Watt)<br><br>Output Voltage: 24 VDC (+/- 0.5 V)<br>Input Voltage: 100-277 VAC<br>UL wet location<br>UL Listed                         | <b>0-10V Dimmable 90W VW/WD Driver</b><br><br>• Part No.: DRVRFWDVW2490120<br><br>Output Voltage: 24 VDC<br>Input Voltage: 100-277 VAC<br>IP23, dry/damp location<br>UL Listed                                               | <b>94W Athena Wireless Compatible Drivers</b><br><br>• Part No.: DRVW2494ATH1CH (1 channel)<br>• Part No.: DRVW2494ATH2CH (2 channel)<br><br>Output Voltage: 24 VDC<br>Input Voltage: 100-277 VAC<br>Dry location<br>UL Listed |                                                                                                                                                                                                                                                                                                                                                     | <b>96W DIMMABLE DALI-2 DT6 D4I &amp; DALI-2 DT8 D4I DRIVERS</b><br><br>• Part No.: DRVW2496DALI1CH (1 channel)<br>• Part No.: DRVW2496DALI2CH (2 channel)<br><br>Output Voltage: 24-26 VDC<br>Input Voltage: 120-277 VAC<br>IP67, wet location<br>UL Listed                                                                      |  |
| DMX CONTROLLERS, VARIABLE WHITE DIMMER, WARM DIM DIMMER - FOR COLOR CHANGING FIXTURES                                                                                                                                                                    |                                                                                                                                                                                                                              |                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                  |  |
|                                                                                                                                                                       |                                                                                                                                           |                                                                                                                                             |                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                             |  |
| <b>GLASS TOUCH WALL CONTROLLERS</b><br>Part No.: AWCGRBWWBK<br>AWCVWBK                                                                                                                                                                                   | <b>1 ZONE WALL CONTROLLER</b><br>Part No.: DMXCTRLG                                                                                                                                                                          | <b>5 ZONE WALL CONTROLLER</b><br>Part No.: DMXCTRL                                                                                                                                                                             | <b>10 ZONE WALL CONTROLLER</b><br>Part No.: DMXCTRLD                                                                                                                                                                                                                                                                                                | <b>6 UNIVERSE DMX CONTROLLER</b><br>Part No.: DMXCTRLDR6U                                                                                                                                                                                                                                                                        |  |
|                                                                                                                                                                        |                                                                                                                                           |                                                                                                                                             |                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                             |  |
| <b>VARIABLE WHITE DIMMER</b><br>Part No.: RFDIMVWWH (White)<br>RFDIMVWBK (Black)                                                                                                                                                                         | <b>WARM DIM DIMMER</b><br>Part No.: RFDIMWDWH (White)<br>RFDIMWDBK (Black)                                                                                                                                                   | <b>4 CHANNEL WATERPROOF DMX INTERFACE</b><br>Part No.: DMXINFWLCD4                                                                                                                                                             | <b>5 CHANNEL DMX INTERFACE</b><br>Part No.: DMXINFOLED5                                                                                                                                                                                                                                                                                             | <b>DMX OPTO SPLITTER</b><br>Part No.: DMXOS8                                                                                                                                                                                                                                                                                     |  |

DRIVER AND RIBBONLYTE AT FULL LOAD

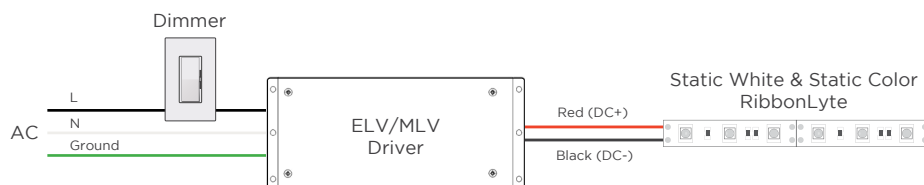
| Wattages                      | 30   |        | 60   |        | 96   |        | 150  |        | 200  |        | 240  |        | 300  |        | 320  |        |
|-------------------------------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| Wire Gauge                    | Feet | Meters | Feet | Meters | Feet | Meters | Feet | Meters | Feet | Meters | Feet | Meters | Feet | Meters | Feet | Meters |
| 24 AWG / 0.25 mm <sup>2</sup> | 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   |
| 22 AWG / 0.34 mm <sup>2</sup> | 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   |
| 20 AWG / 0.5 mm <sup>2</sup>  | 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   |
| 18 AWG / 0.75 mm <sup>2</sup> | 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   |
| 16 AWG / 1.5 mm <sup>2</sup>  | 90   | 27.44  | 60   | 18.29  | 37   | 11.28  | 24   | 7.32   | 18   | 5.49   | 15   | 4.57   | 12   | 3.66   | 11   | 3.35   |
| 14 AWG / 2.5 mm <sup>2</sup>  | 142  | 43.29  | 95   | 28.96  | 59   | 17.99  | 38   | 11.59  | 28   | 8.54   | 23   | 7.01   | 19   | 5.79   | 17   | 5.18   |
| 12 AWG / 4 mm <sup>2</sup>    | 226  | 68.90  | 151  | 46.04  | 94   | 28.66  | 60   | 18.29  | 45   | 13.72  | 37   | 11.28  | 30   | 9.15   | 28   | 8.54   |
| 10 AWG / 6 mm <sup>2</sup>    | 360  | 109.76 | 240  | 73.17  | 150  | 45.73  | 96   | 29.27  | 72   | 21.95  | 60   | 18.29  | 48   | 14.63  | 45   | 13.72  |
| 8 AWG / 10 mm <sup>2</sup>    | 574  | 175.00 | 381  | 116.16 | 239  | 72.87  | 153  | 46.65  | 115  | 35.06  | 95   | 28.96  | 76   | 23.17  | 71   | 21.65  |

WIRING DIAGRAMS - STATIC WHITE / STATIC COLOR / RGBW / RGBA / RGBWW

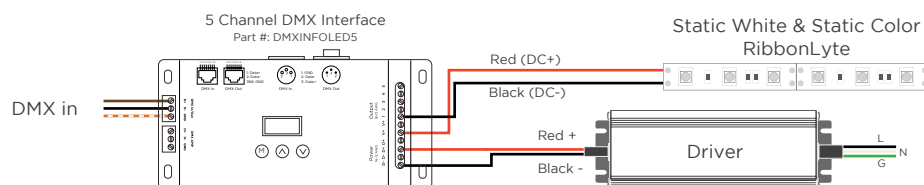
0-10 V



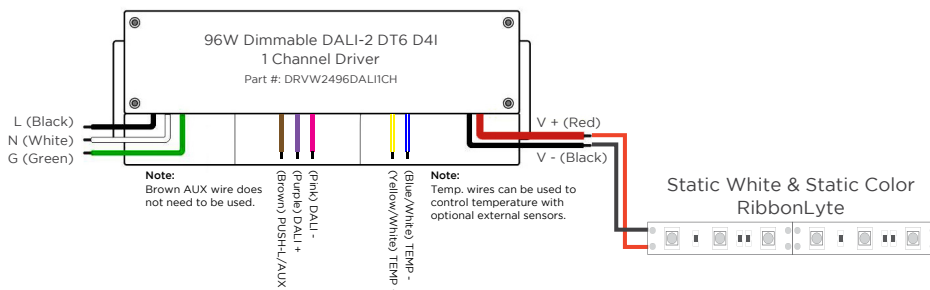
MLV / ELV



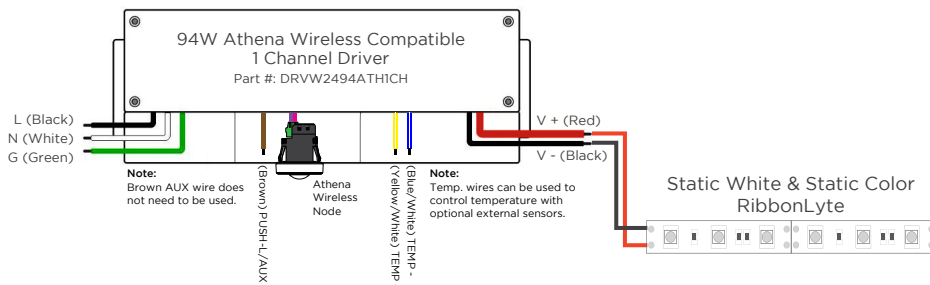
DMX WIRING WITH STATIC WHITE & STATIC COLOR RIBBONLYTE



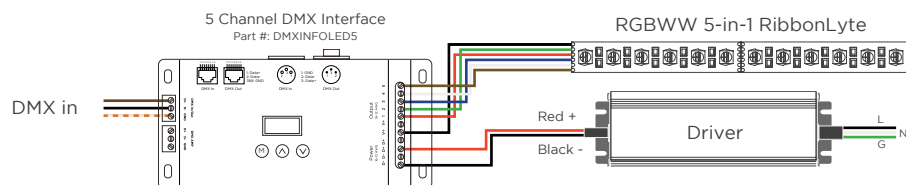
DALI-2 WIRING WITH STATIC WHITE & STATIC COLOR RIBBONLYTE



STATIC WHITE & STATIC COLOR RIBBONLYTE WIRING WITH ATHENA WIRELESS COMPATIBLE DRIVER



DMX WITH RGBWW 5-IN-1 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

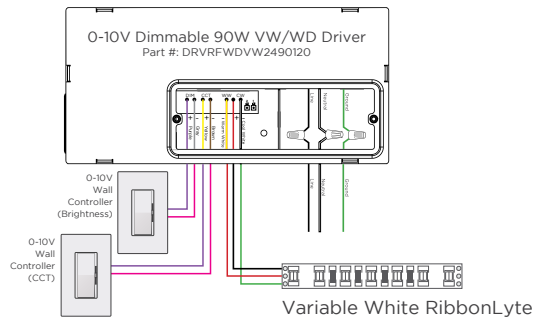
RGBWW

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



## WIRING DIAGRAMS - VARIABLE WHITE

### 2-CHANNEL VARIABLE WHITE DIMMING

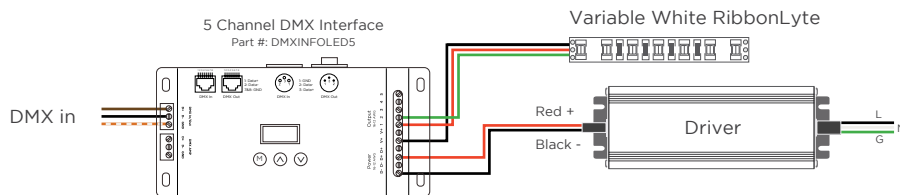


### WIRE COLORS PER RIBBONLYTE COLOR

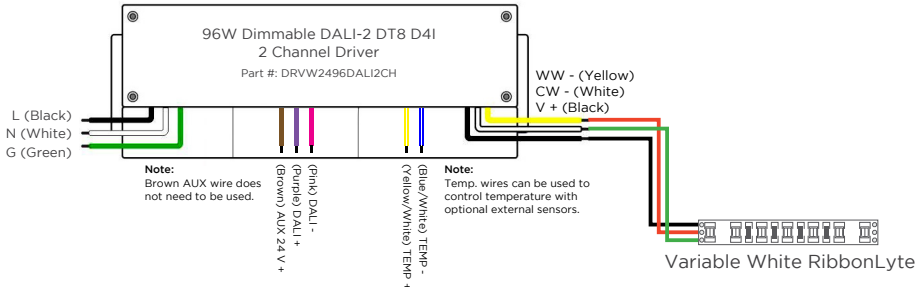
#### VARIABLE WHITE

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

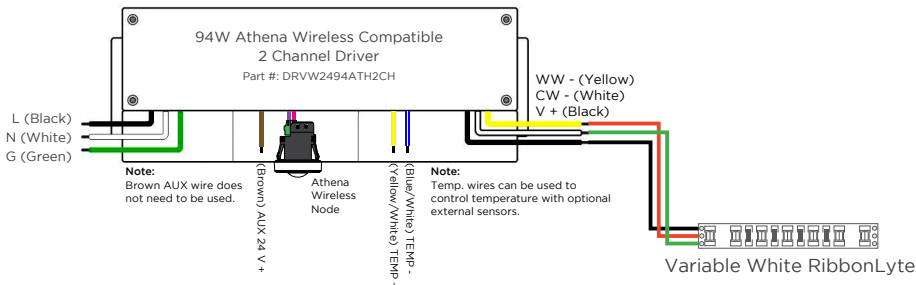
### DMX WIRING WITH VARIABLE WHITE RIBBONLYTE



### DALI-2 WIRING WITH VARIABLE WHITE RIBBONLYTE



### VARIABLE WHITE RIBBONLYTE WIRING WITH ATHENA WIRELESS COMPATIBLE DRIVER



REV.14AUG2025

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