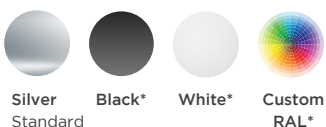


## AS1 CHANNEL FIXTURE

Our AS1 Channel Fixture is a low-profile channel with a 118-degree beam angle that is ideal for a wide, even spread of light that is great for cove and toe kick applications. It can also be used in conjunction with our tiltable stands.

- Available for field assembly or factory assembly
- Beam Angle 118°
- Wattage Range from 0.75 W/ft (2.46 W/m) to 8.8 W/ft (28.9 W/m)
- Static White delivered lumen range from 44.1 lm/ft (144.6 lm/m) up to 729.4 lm/ft (2392.5 lm/m)
- Assembled in USA

## HOUSING FINISHES

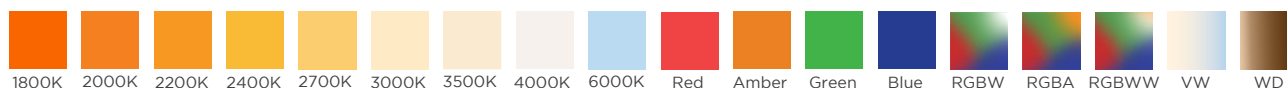


\*Additional fee applies

## AVAILABLE LENS FINISHES



## AVAILABLE COLORS & COLOR TEMPERATURES



## DIMENSIONS

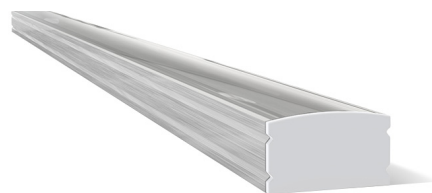
| AS1 Channel                                                                                                                | Mounting Clip (included accessory)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>Width:</b> 0.68 in. (17.2 mm)<br/><b>Height:</b> 0.34 in. (8.6 mm)<br/><b>Internal Width:</b> 0.48 in. (12.2 mm)</p> | <p>Material: stainless steel</p> <div> <div> <b>Side View</b> <p><b>Width:</b> 0.7 in. (18.2 mm)<br/><b>Length:</b> 0.6 in. (15 mm)<br/><b>Height:</b> 0.36 in. (9.2 mm)</p> </div> <div> <b>Top View</b> <p><b>Width:</b> 0.7 in. (18.2 mm)<br/><b>Length:</b> 0.6 in. (15 mm)<br/><b>Height:</b> 0.36 in. (9.2 mm)</p> </div> <div> <b>Assembled View</b> <p><b>Width:</b> 0.7 in. (18.2 mm)<br/><b>Length:</b> 0.6 in. (15 mm)<br/><b>Height:</b> 0.36 in. (9.2 mm)</p> </div> </div> <p><b>Note:</b></p> <ol style="list-style-type: none"> <li>1. <b>Magnetic mounting</b> option available (see page 2)</li> <li>2. <b>Exterior channel applications</b> 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.</li> </ol> |

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RoHS

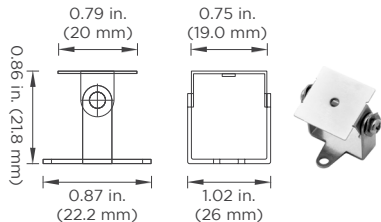
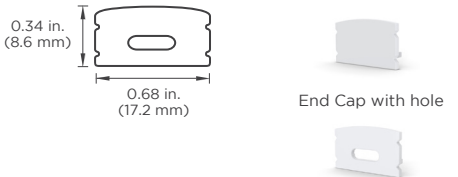
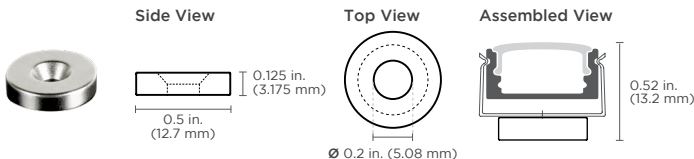
Declare.



## SPECIFICATIONS

|                         |                                                                                                                                                                                                                                        |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Beam Angle              | 118°                                                                                                                                                                                                                                   |
| Lens Type               | Clear Lens, Frosted 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 / DMX                                                                                                                                                                                                     |
| Operating Temperature   | -40 — 158 °F (-40 — 70 °C)                                                                                                                                                                                                             |
| Colors                  | 1800K, 2000K, 2200K, 2400K, 2700K, 3000K, 3500K, 4000K, 6000K, Red, Amber, Green, Blue, RGBW, RGBWW, RGBA, VW, Warm Dim (1800K, 2000K, 2200K 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

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Tilttable Stand (Part #: TILTSTANDST)</b>  <p>Assembled Height with Channel: 1.22 in. (31 mm)</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <b>End Caps (included accessory)</b><br>Material: ABS  <p>End Cap without hole</p> <p>End Cap with hole</p> |
| <b>Magnetic Mount (Part #: CHMAGO.5)</b>  <p>Side View: 0.5 in. (12.7 mm) x 0.125 in. (3.175 mm)</p> <p>Top View: Ø 0.2 in. (5.08 mm)</p> <p>Assembled View: 0.52 in. (13.2 mm)</p> <p><b>Features:</b></p> <ul style="list-style-type: none"> <li>- High-energy neodymium magnets come attached to mounting clips with countersink hex nuts</li> <li>- Create easy-mount magnetic channels with minimal surface gaps; no tools or drilling necessary</li> <li>- Magnets rated for 8 lbs. of pull force with static load</li> </ul> <p><b>Applications:</b></p> <ul style="list-style-type: none"> <li>- Industrial lighting retrofits for troffers and other metal fixtures</li> <li>- Metal retail shelf lighting</li> <li>- Temporary light fixture installations</li> </ul> |                                                                                                                                                                                                 |

## ORDERING GUIDE

### STEP 1 Complete Channel Part Number

| CHANNEL             | LENS                                                 | HOUSING COLOR                     |
|---------------------|------------------------------------------------------|-----------------------------------|
| <b>CHAS1</b>        |                                                      |                                   |
| CHAS1 - AS1 Channel | C - Clear Lens*                                      | SV - Silver (default)             |
|                     | F - Frosted Lens                                     | BK - Black                        |
|                     | M - Milky Lens                                       | WH - White                        |
|                     | * Clear lens is the default option if not specified. | Consult factory for custom colors |

### STEP 2 Complete RibbonLyte Part Number

| CATEGORY        | CRI                              | RIBBON TYPE & IP RATING             |                               |                                 |
|-----------------|----------------------------------|-------------------------------------|-------------------------------|---------------------------------|
| <b>RB</b>       |                                  |                                     |                               |                                 |
| RB - RibbonLyte | 0 - Static Color, Color Changing | LINEA20 - Linea RibbonLyte IP20     | RGBWW20 - RGBWW 5-in-1 IP20   | WD20 - Warm Dim IP20            |
|                 | 90 - 90+ CRI Static White        | SWS220 - Static White Series 2 IP20 | RGBWS220 - RGBW Series 2 IP20 | WD65 - Warm Dim IP65            |
|                 |                                  | SWS265 - Static White Series 2 IP65 | RGBWS265 - RGBW Series 2 IP65 | XACTA20 - Xacta RibbonLyte IP20 |
|                 |                                  | SCS220 - Static Color Series 2 IP20 | VWS220 - VW Series 2 IP20     |                                 |
|                 |                                  | SCS265 - Static Color Series 2 IP65 | VWS265 - VW Series 2 IP65     |                                 |

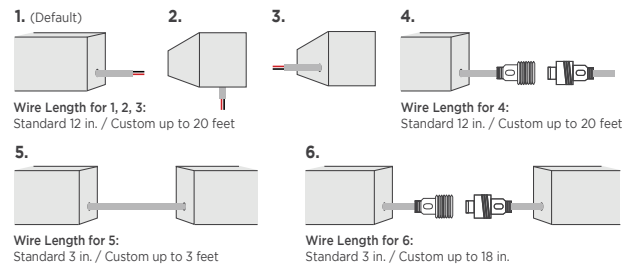
**NOTE:** To ensure waterproofing standards are met, IP65 RibbonLyte can NOT be cut in the field.

| WATTAGE                                                                   | COLOR      |
|---------------------------------------------------------------------------|------------|
| 0.75 - 0.75 W/ft (2.46 W/m - Static White, Static Color)                  | 18 - 1800K |
| 1.0 - 1.0 W/ft (3.3 W/m - Variable White)                                 | 20 - 2000K |
| 1.5 - 1.5 W/ft (4.9 W/m - Static White, Static Color, Variable White)     | 22 - 2200K |
| 2.2 - 2.2 W/ft (7.2 W/m - Static White, Static Color)                     | 24 - 2400K |
| 2.4 - 2.4 W/ft (8 W/m - Static White Linea)                               | 27 - 2700K |
| 3.0 - 3.0 W/ft (9.8 W/m - Static White, Static Color, Variable White)     | 30 - 3000K |
| 4.3 - 4.3 W/ft (14 W/m - Static White Linea)                              | 35 - 3500K |
| 4.4 - 4.4 W/ft (14.4 W/m - Static White, Static Color, RGBW, RGBWW, RGBA) | 40 - 4000K |
| 4.5 - 4.5 W/ft (14.8 W/m - Static White, Variable White)                  | 60 - 6000K |
| 5.0 - 5.0 W/ft (16.4 W/m - Static White, Static Color)                    | R - Red    |
| 5.2 - 5.2 W/ft (17.1 W/m - Warm Dim)                                      | A - Amber  |
| 5.5 - 5.5 W/ft (18.0 W/m - RGBW, RGBA)                                    | G - Green  |
| 6.0 - 6.0 W/ft (19.7 W/m - Static White, Static Color, Variable White)    | B - Blue   |
| 6.1 - 6.1 W/ft (20 W/m - Variable White Linea)                            |            |
| 8.8 - 8.8 W/ft (28.9 W/m - RGBW, RGBWW)                                   |            |

**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) |                                                                     |

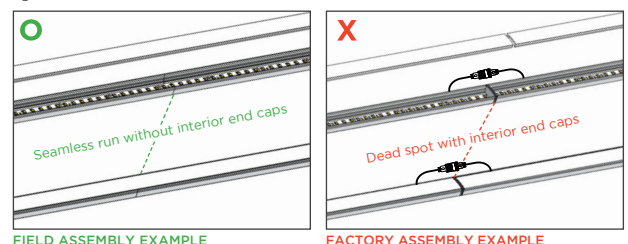
\* Factory assembled runs exceeding 6 ft 6.7 in. (2 m) will be split into multiple daisy chained fixtures.

### 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 & COMPATIBILITY

| Available Wattages         | Cuttable Length   | LED Pitch               | Color Temp. | lm/W without Lens | Delivered Lumens with Clear Lens |        | Delivered Lumens with Frosted Lens |        | Delivered Lumens with Milky Lens |        | Max Length                                         | Compatible with Channel |      |      |
|----------------------------|-------------------|-------------------------|-------------|-------------------|----------------------------------|--------|------------------------------------|--------|----------------------------------|--------|----------------------------------------------------|-------------------------|------|------|
|                            |                   |                         |             |                   | lm/ft                            | lm/m   | 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                | 58                               | 190.3  | 53.6                               | 175.8  | 44.1                             | 144.6  | IP20: 49 ft (15 m)<br>IP65: 32.8 ft (10 m)         | ✓                       | ✓    |      |
|                            |                   |                         | 2000K       | 99                | 68.3                             | 224    | 63.1                               | 207    | 52                               | 170.6  |                                                    |                         |      |      |
|                            |                   |                         | 2200K       | 109               | 75.2                             | 246.7  | 69.5                               | 228    | 57.2                             | 187.6  |                                                    |                         |      |      |
|                            |                   |                         | 2400K       | 113               | 78                               | 255.8  | 72                                 | 236.2  | 59.3                             | 194.5  |                                                    |                         |      |      |
|                            |                   |                         | 2700K       | 123               | 84.9                             | 278.5  | 78.4                               | 257.2  | 64.6                             | 211.9  |                                                    |                         |      |      |
|                            |                   |                         | 3000K       | 123               | 84.9                             | 278.5  | 78.4                               | 257.2  | 64.6                             | 211.9  |                                                    |                         |      |      |
|                            |                   |                         | 3500K       | 130               | 89.7                             | 294.2  | 82.9                               | 272    | 68.3                             | 224    |                                                    |                         |      |      |
|                            |                   |                         | 4000K       | 134               | 92.5                             | 303.4  | 85.4                               | 280.1  | 70.4                             | 230.9  |                                                    |                         |      |      |
|                            | 1.97 in. (50 mm)  | 48 LEDs/ft (160 LEDs/m) | 6000K       | 131               | 90.4                             | 296.5  | 83.5                               | 273.9  | 68.8                             | 225.7  | IP20: 49 ft (15 m)<br>IP65: 32.8 ft (10 m)         | ✓                       | ✓    |      |
|                            |                   |                         | 1800K       | 84                | 115.9                            | 380.2  | 107.1                              | 351.3  | 88.2                             | 289.3  |                                                    |                         |      |      |
|                            |                   |                         | 2000K       | 98                | 135.2                            | 443.5  | 125                                | 410    | 102.9                            | 337.5  |                                                    |                         |      |      |
|                            |                   |                         | 2200K       | 109               | 150.4                            | 493.3  | 139                                | 455.9  | 114.5                            | 375.6  |                                                    |                         |      |      |
|                            |                   |                         | 2400K       | 113               | 155.9                            | 511.4  | 144.1                              | 472.6  | 118.7                            | 389.3  |                                                    |                         |      |      |
|                            |                   |                         | 2700K       | 123               | 169.7                            | 556.6  | 156.8                              | 514.3  | 129.2                            | 423.8  |                                                    |                         |      |      |
|                            |                   |                         | 3000K       | 123               | 169.7                            | 556.6  | 156.8                              | 514.3  | 129.2                            | 423.8  |                                                    |                         |      |      |
|                            |                   |                         | 3500K       | 129               | 178                              | 583.8  | 164.5                              | 539.6  | 135.5                            | 444.4  |                                                    |                         |      |      |
|                            | 1.97 in. (50 mm)  | 48 LEDs/ft (160 LEDs/m) | 4000K       | 134               | 184.9                            | 606.5  | 170.9                              | 560.6  | 140.7                            | 461.5  | IP20: 42 ft (12.8 m)<br>IP65: 32.8 ft (10 m)       | ✓                       | ✓    |      |
|                            |                   |                         | 6000K       | 131               | 180.8                            | 593    | 167                                | 547.8  | 137.6                            | 451.3  |                                                    |                         |      |      |
|                            |                   |                         | 1800K       | 83                | 168                              | 51     | 155.2                              | 509.1  | 127.8                            | 419.2  |                                                    |                         |      |      |
|                            |                   |                         | 2000K       | 96                | 194.3                            | 637.3  | 179.5                              | 588.8  | 147.8                            | 484.8  |                                                    |                         |      |      |
|                            |                   |                         | 2200K       | 106               | 214.5                            | 703.6  | 198.2                              | 650.1  | 163.2                            | 535.3  |                                                    |                         |      |      |
|                            |                   |                         | 2400K       | 111               | 224.7                            | 737    | 207.6                              | 680.9  | 170.9                            | 560.6  |                                                    |                         |      |      |
|                            |                   |                         | 2700K       | 120               | 242.9                            | 796.7  | 224.4                              | 736    | 184.8                            | 606.1  |                                                    |                         |      |      |
|                            |                   |                         | 3000K       | 122               | 246.9                            | 809.8  | 228.1                              | 748.2  | 187.9                            | 616.3  |                                                    |                         |      |      |
|                            | 1.97 in. (50 mm)  | 48 LEDs/ft (160 LEDs/m) | 3500K       | 127               | 257                              | 843    | 237.5                              | 779    | 195.6                            | 641.6  | IP20: 36 ft (11 m)<br>IP65: 32.8 ft (10 m)         | ✓                       | ✓    |      |
|                            |                   |                         | 4000K       | 133               | 269.2                            | 883    | 248.7                              | 779    | 204.8                            | 671.7  |                                                    |                         |      |      |
|                            |                   |                         | 6000K       | 128               | 259.1                            | 849.8  | 239.4                              | 785.2  | 197.1                            | 646.5  |                                                    |                         |      |      |
|                            |                   |                         | 2400K       | 109.8             | 303.1                            | 994.1  | 280.1                              | 918.6  | 230.6                            | 756.5  |                                                    |                         |      |      |
|                            |                   |                         | 2700K       | 122.9             | 339.6                            | 1114   | 313.5                              | 1028.1 | 258.1                            | 846.7  |                                                    |                         |      |      |
|                            |                   |                         | 3000K       | 130               | 359.1                            | 1177.9 | 331.4                              | 1087.1 | 273                              | 895.3  |                                                    |                         |      |      |
|                            |                   |                         | 3500K       | 133               | 367.5                            | 1205.3 | 339.2                              | 1112.4 | 279.3                            | 916.1  |                                                    |                         |      |      |
|                            |                   |                         | 4000K       | 133               | 367.5                            | 1205.3 | 339.2                              | 1112.4 | 279.3                            | 916.1  |                                                    |                         |      |      |
|                            | 1.97 in. (50 mm)  | 48 LEDs/ft (160 LEDs/m) | 6000K       | 127               | 350.8                            | 1150.5 | 323.7                              | 1061.8 | 266.6                            | 874.5  | 28 ft 4 in. (8.64 m)                               | ✓                       | ✓    |      |
|                            |                   |                         | 2400K       | 109               | 441.2                            | 1447   | 407.7                              | 1337.1 | 335.7                            | 1101.2 |                                                    |                         |      |      |
|                            |                   |                         | 2700K       | 124               | 494.4                            | 1621.6 | 456.3                              | 1496.6 | 375.8                            | 1232.5 |                                                    |                         |      |      |
|                            |                   |                         | 3000K       | 131               | 522.8                            | 1714.7 | 482.5                              | 1582.5 | 397.3                            | 1303.2 |                                                    |                         |      |      |
|                            |                   |                         | 3500K       | 133               | 534.9                            | 1754.5 | 493.7                              | 1619.3 | 406.6                            | 1333.5 |                                                    |                         |      |      |
|                            |                   |                         | 4000K       | 133               | 534.9                            | 1754.5 | 493.7                              | 1619.3 | 406.6                            | 1333.5 |                                                    |                         |      |      |
|                            |                   |                         | 6000K       | 128               | 510.6                            | 1674.8 | 471.2                              | 1545.7 | 388.1                            | 1272.9 |                                                    |                         |      |      |
|                            | 1.4 in. (35.7 mm) | 68 LEDs/ft (224 LEDs/m) | 2400K       | 110               | 505.1                            | 1656.8 | 466.8                              | 1531   | 384.4                            | 1260.8 | IP20: 33 ft 4 in. (10.1 m)<br>IP65: 32.8 ft (10 m) | ✓                       | ✓    |      |
|                            |                   |                         | 2700K       | 124               | 566.1                            | 1856.7 | 522.4                              | 1713.6 | 430.2                            | 1411.2 |                                                    |                         |      |      |
|                            |                   |                         | 3000K       | 134               | 598.5                            | 1963.2 | 552.4                              | 1811.9 | 454.9                            | 1492.1 |                                                    |                         |      |      |
|                            |                   |                         | 3500K       | 135               | 612.5                            | 2008.9 | 565.3                              | 1854   | 465.5                            | 1526.8 |                                                    |                         |      |      |
|                            |                   |                         | 4000K       | 134               | 612.5                            | 2008.9 | 565.3                              | 1854   | 465.5                            | 1526.8 |                                                    |                         |      |      |
|                            |                   |                         | 6000K       | 130               | 584.6                            | 1917.6 | 539.6                              | 1769.7 | 444.3                            | 1457.4 |                                                    |                         |      |      |
|                            | 1.4 in. (35.7 mm) | 68 LEDs/ft (224 LEDs/m) | 2400K       | 109               | 601.6                            | 1973.2 | 555.9                              | 1823.4 | 457.8                            | 1501.6 | 28 ft (8.5 m)                                      | ✓                       | ✓    |      |
|                            |                   |                         | 2700K       | 122               | 674.2                            | 2211.3 | 622.2                              | 2040.8 | 512.4                            | 1680.7 |                                                    |                         |      |      |
|                            |                   |                         | 3000K       | 129               | 712.9                            | 2338.2 | 657.9                              | 2157.9 | 541.8                            | 1777.1 |                                                    |                         |      |      |
|                            |                   |                         | 3500K       | 132               | 729.4                            | 2392.5 | 673.2                              | 2208.1 | 554.4                            | 1818.4 |                                                    |                         |      |      |
|                            |                   |                         | 4000K       | 132               | 729.4                            | 2392.5 | 673.2                              | 2208.1 | 554.4                            | 1818.4 |                                                    |                         |      |      |
|                            |                   |                         | 6000K       | 126               | 696.3                            | 2283.8 | 642.6                              | 2107.7 | 529.2                            | 1735.8 |                                                    |                         |      |      |



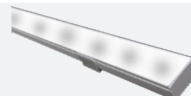
RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

| Available Wattages         | Cuttable Length     | LED Pitch                | Color Temp.   | lm/W without Lens | Delivered Lumens with Clear Lens |        | Delivered Lumens with Frosted Lens |        | Delivered Lumens with Milky Lens |         | Max Length                                   | Compatible with Channel |      |      |
|----------------------------|---------------------|--------------------------|---------------|-------------------|----------------------------------|--------|------------------------------------|--------|----------------------------------|---------|----------------------------------------------|-------------------------|------|------|
|                            |                     |                          |               |                   | lm/ft                            | lm/m   | 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                               | 93     | 26                                 | 86     | 22                               | 70.6    | IP20: 49 ft (15 m)<br>IP65: 32.8 ft (10 m)   | ✓                       | ✓    |      |
|                            |                     |                          | Green         | 175               | 121                              | 396    | 112                                | 366    | 92                               | 301.4   |                                              |                         |      |      |
|                            |                     |                          | Blue          | 19                | 13                               | 43     | 12                                 | 40     | 10                               | 32.7    |                                              |                         |      |      |
|                            |                     |                          | Amber         | 34                | 23                               | 77     | 22                                 | 71     | 18                               | 58.6    |                                              |                         |      |      |
| 1.5 Static Color Series 2  | 1.97 in. (50 mm)    | 48 LEDs/ft (160 LEDs/m)  | Red           | 42                | 58                               | 190    | 54                                 | 176    | 44                               | 144.7   | IP20: 49 ft (15 m)<br>IP65: 32.8 ft (10 m)   | ✓                       | ✓    |      |
|                            |                     |                          | Green         | 160               | 221                              | 724    | 204                                | 669    | 168                              | 551.1   |                                              |                         |      |      |
|                            |                     |                          | Blue          | 18                | 25                               | 81     | 23                                 | 75     | 19                               | 62      |                                              |                         |      |      |
|                            |                     |                          | Amber         | 33                | 47                               | 154    | 43                                 | 142    | 36                               | 117.1   |                                              |                         |      |      |
| 2.2 Static Color Series 2  | 1.97 in. (50 mm)    | 48 LEDs/ft (160 LEDs/m)  | Red           | 42                | 85                               | 279    | 79                                 | 258    | 65                               | 212.2   | IP20: 42 ft (12.8 m)<br>IP65: 32.8 ft (10 m) | ✓                       | ✓    |      |
|                            |                     |                          | Green         | 145               | 293                              | 963    | 271                                | 889    | 223                              | 732.4   |                                              |                         |      |      |
|                            |                     |                          | Blue          | 18                | 36                               | 119    | 34                                 | 110    | 28                               | 90.9    |                                              |                         |      |      |
|                            |                     |                          | Amber         | 33                | 67                               | 219    | 62                                 | 202    | 51                               | 166.7   |                                              |                         |      |      |
| 3.0 Static Color Series 2  | 1.97 in. (50 mm)    | 48 LEDs/ft (160 LEDs/m)  | Red           | 40                | 110.4                            | 362.1  | 102                                | 334.6  | 84                               | 275.52  | 32.8 ft (10 m)                               | ✓                       | ✓    |      |
|                            |                     |                          | Green         | 127               | 350.9                            | 1151   | 323.9                              | 1062.2 | 266.7                            | 874.78  |                                              |                         |      |      |
|                            |                     |                          | Blue          | 25                | 69.1                             | 226.6  | 63.8                               | 209.1  | 52.5                             | 172.2   |                                              |                         |      |      |
|                            |                     |                          | Amber         | 29                | 80.1                             | 262.8  | 74                                 | 242.6  | 60.9                             | 199.75  |                                              |                         |      |      |
| 4.4 Static Color Series 2  | 1.97 in. (50 mm)    | 48 LEDs/ft (160 LEDs/m)  | Red           | 38                | 153.8                            | 504.5  | 142.1                              | 466.2  | 117                              | 383.89  | 29 ft (8.8 m)                                | ✓                       | ✓    |      |
|                            |                     |                          | Green         | 117               | 474.1                            | 1555.1 | 437.6                              | 1435.3 | 360.4                            | 1181.98 |                                              |                         |      |      |
|                            |                     |                          | Blue          | 24                | 97.3                             | 319    | 89.8                               | 294.4  | 73.9                             | 242.4   |                                              |                         |      |      |
|                            |                     |                          | Amber         | 25                | 101.3                            | 332.2  | 93.5                               | 306.7  | 77                               | 252.56  |                                              |                         |      |      |
| 5.0 Static Color Series 2  | 1.4 in. (35.7 mm)   | 68 LEDs/ft (224 LEDs/m)  | Red           | 37                | 170.2                            | 558.2  | 157.3                              | 515.8  | 129.5                            | 424.76  | 30 ft (9.14 m)                               | ✓                       | ✓    |      |
|                            |                     |                          | Green         | 116               | 534.2                            | 1752.1 | 493                                | 1617   | 406                              | 1331.68 |                                              |                         |      |      |
|                            |                     |                          | Blue          | 24                | 110.5                            | 362.5  | 102                                | 334.6  | 84                               | 275.52  |                                              |                         |      |      |
|                            |                     |                          | Amber         | 26                | 119.7                            | 392.7  | 110.5                              | 362.4  | 91                               | 298.48  |                                              |                         |      |      |
| 6.0 Static Color Series 2  | 1.4 in. (35.7 mm)   | 68 LEDs/ft (224 LEDs/m)  | Red           | 37                | 204.2                            | 669.8  | 188.7                              | 618.9  | 155.4                            | 509.71  | 28 ft (8.5 m)                                | ✓                       | ✓    |      |
|                            |                     |                          | Green         | 113               | 624.4                            | 2048.2 | 576.3                              | 1890.3 | 474.6                            | 1556.6  |                                              |                         |      |      |
|                            |                     |                          | Blue          | 23                | 127.1                            | 416.9  | 117.3                              | 384.8  | 96.6                             | 316.9   |                                              |                         |      |      |
|                            |                     |                          | Amber         | 24                | 132.6                            | 435    | 122.4                              | 401.6  | 100.8                            | 330.7   |                                              |                         |      |      |
| 2.4 Static White Linea     | 1.97 in. (50 mm)    | 146 LEDs/ft (480 LEDs/m) | 2700K         | 67                | 148.1                            | 485.8  | 136.9                              | 448.8  | 112.7                            | 369.6   | 21.3 ft (6.5 m)                              | ✓                       | N/A  | N/A  |
|                            |                     |                          | 3000K         | 71                | 156.4                            | 514.3  | 144.5                              | 475.2  | 119                              | 391.3   |                                              |                         |      |      |
|                            |                     |                          | 3500K         | 83                | 183.1                            | 601.7  | 169.2                              | 555.9  | 139.3                            | 457.8   |                                              |                         |      |      |
|                            |                     |                          | 4000K         | 83                | 183.1                            | 601.7  | 169.2                              | 555.9  | 139.3                            | 457.8   |                                              |                         |      |      |
| 3.0 Static White Linea     | 1.97 in. (50 mm)    | 146 LEDs/ft (480 LEDs/m) | 2700K         | 66                | 182.2                            | 598    | 168.3                              | 552.5  | 138.6                            | 455     | 21.3 ft (6.5 m)                              | ✓                       | N/A  | N/A  |
|                            |                     |                          | 3000K         | 73                | 201.5                            | 661.5  | 186.2                              | 611.2  | 153.3                            | 503.3   |                                              |                         |      |      |
|                            |                     |                          | 3500K         | 78                | 215.3                            | 706.6  | 198.9                              | 652.8  | 163.8                            | 537.6   |                                              |                         |      |      |
|                            |                     |                          | 4000K         | 83                | 229.1                            | 751.6  | 211.7                              | 694.5  | 174.3                            | 571.9   |                                              |                         |      |      |
| 4.3 Static White Linea     | 1.97 in. (50 mm)    | 146 LEDs/ft (480 LEDs/m) | 2700K         | 75                | 297.2                            | 973.4  | 274.6                              | 899.3  | 226.1                            | 740.6   | 24.6 ft (7.5 m)                              | ✓                       | N/A  | N/A  |
|                            |                     |                          | 3000K         | 78                | 308.2                            | 1012   | 284.8                              | 935    | 234.5                            | 770     |                                              |                         |      |      |
|                            |                     |                          | 3500K         | 86                | 340.4                            | 1116.9 | 314.5                              | 1031.9 | 259                              | 849.8   |                                              |                         |      |      |
|                            |                     |                          | 4000K         | 86                | 340.4                            | 1116.9 | 314.5                              | 1031.9 | 259                              | 849.8   |                                              |                         |      |      |
| 6.1 Variable White Linea   | 1.09 in. (27.78 mm) | 175 LEDs/ft (576 LEDs/m) | 2700K + 6500K | 95                | 533.6                            | 1750.8 | 493                                | 1617.6 | 406                              | 1332.1  | 16.4 ft (5 m)                                | ✓                       | N/A  | N/A  |

## RIBBONLYTE SPECIFICATIONS &amp; COMPATIBILITY

| Available Wattages          | Cutttable Length   | LED Pitch                | Color Temp.   | lm/W without Lens | Delivered Lumens with Clear Lens |         | Delivered Lumens with Frosted Lens |         | Delivered Lumens with Milky Lens |         | Max Length                                           | Compatible with Channel |      |      |
|-----------------------------|--------------------|--------------------------|---------------|-------------------|----------------------------------|---------|------------------------------------|---------|----------------------------------|---------|------------------------------------------------------|-------------------------|------|------|
|                             |                    |                          |               |                   | lm/ft                            | lm/m    | lm/ft                              | lm/m    | lm/ft                            | lm/m    |                                                      | IP20                    | IP65 | IP68 |
| 1.5 Static White Xacta      | 0.2 in. (5 mm)     | 61 LEDs/ft (200 LEDs/m)  | 1800K         | 71                | 110.2                            | 361.6   | 101.8                              | 334.1   | 83.9                             | 275.1   | 32.74 ft (9.98 m)                                    | ✓                       | n/a  | n/a  |
|                             |                    |                          | 2000K         | 84                | 130.1                            | 426.8   | 120.2                              | 394.3   | 99                               | 324.7   |                                                      |                         |      |      |
|                             |                    |                          | 2200K         | 92                | 142.7                            | 468.3   | 131.9                              | 432.6   | 108.6                            | 356.3   |                                                      |                         |      |      |
|                             |                    |                          | 2400K         | 96                | 148.2                            | 486.1   | 136.9                              | 449.1   | 112.7                            | 369.8   |                                                      |                         |      |      |
|                             |                    |                          | 2700K         | 109               | 168                              | 551.3   | 155.3                              | 509.3   | 127.9                            | 419.4   |                                                      |                         |      |      |
|                             |                    |                          | 3000K         | 113               | 175.3                            | 575     | 161.9                              | 531.2   | 133.4                            | 437.5   |                                                      |                         |      |      |
|                             |                    |                          | 3500K         | 117               | 180.7                            | 592.8   | 166.9                              | 547.7   | 137.5                            | 451     |                                                      |                         |      |      |
|                             |                    |                          | 4000K         | 115               | 177.1                            | 580.9   | 163.6                              | 536.7   | 134.7                            | 442     |                                                      |                         |      |      |
|                             |                    |                          | 6000K         | 112               | 173.5                            | 569.0   | 160.3                              | 525.7   | 132                              | 433     |                                                      |                         |      |      |
|                             |                    |                          |               |                   |                                  |         |                                    |         |                                  |         |                                                      |                         |      |      |
| 3.0 Static White Xacta      | 0.2 in. (5 mm)     | 61 LEDs/ft (200 LEDs/m)  | 1800K         | 71                | 196.3                            | 643.9   | 181.3                              | 594.9   | 149.3                            | 489.9   | 23.62 ft (7.2 m)                                     | ✓                       | n/a  | n/a  |
|                             |                    |                          | 2000K         | 84                | 231.6                            | 760     | 214                                | 702.2   | 176.2                            | 578.3   |                                                      |                         |      |      |
|                             |                    |                          | 2200K         | 92                | 254.2                            | 833.9   | 234.8                              | 770.5   | 193.4                            | 634.5   |                                                      |                         |      |      |
|                             |                    |                          | 2400K         | 95                | 263.8                            | 865.6   | 243.7                              | 799.7   | 200.7                            | 658.6   |                                                      |                         |      |      |
|                             |                    |                          | 2700K         | 108               | 299.2                            | 981.7   | 276.4                              | 907     | 227.7                            | 747     |                                                      |                         |      |      |
|                             |                    |                          | 3000K         | 113               | 312.1                            | 1023.9  | 288.3                              | 946     | 237.4                            | 779.1   |                                                      |                         |      |      |
|                             |                    |                          | 3500K         | 116               | 321.7                            | 1055.6  | 297.2                              | 975.3   | 244.8                            | 803.2   |                                                      |                         |      |      |
|                             |                    |                          | 4000K         | 114               | 315.3                            | 1034.5  | 291.3                              | 955.8   | 239.9                            | 787.1   |                                                      |                         |      |      |
|                             |                    |                          | 6000K         | 111               | 308.9                            | 1013.4  | 285.4                              | 936.3   | 235                              | 771.1   |                                                      |                         |      |      |
|                             |                    |                          |               |                   |                                  |         |                                    |         |                                  |         |                                                      |                         |      |      |
| 4.5 Static White Xacta      | 0.2 in. (5 mm)     | 61 LEDs/ft (200 LEDs/m)  | 1800K         | 72                | 299.6                            | 983     | 276.8                              | 908.2   | 228                              | 747.9   | 19.03 ft (5.8 m)                                     | ✓                       | n/a  | n/a  |
|                             |                    |                          | 2000K         | 85                | 353.7                            | 1160.3  | 326.7                              | 1072    | 269.1                            | 882.8   |                                                      |                         |      |      |
|                             |                    |                          | 2200K         | 93                | 388                              | 1273.1  | 358.5                              | 1176.2  | 295.2                            | 968.6   |                                                      |                         |      |      |
|                             |                    |                          | 2400K         | 97                | 402.8                            | 1321.4  | 372.1                              | 1220.9  | 306.5                            | 1005.4  |                                                      |                         |      |      |
|                             |                    |                          | 2700K         | 110               | 456.8                            | 1498.7  | 422                                | 1384.6  | 347.6                            | 1140.3  |                                                      |                         |      |      |
|                             |                    |                          | 3000K         | 114               | 476.5                            | 1563.1  | 440.2                              | 1444.2  | 362.5                            | 1189.3  |                                                      |                         |      |      |
|                             |                    |                          | 3500K         | 118               | 491.2                            | 1611.5  | 453.8                              | 1488.9  | 373.7                            | 1226.1  |                                                      |                         |      |      |
|                             |                    |                          | 4000K         | 116               | 481.4                            | 1579.2  | 444.7                              | 1459.1  | 366.3                            | 1201.6  |                                                      |                         |      |      |
|                             |                    |                          | 6000K         | 113               | 471.5                            | 1547    | 435.7                              | 1429.3  | 358.8                            | 1177.1  |                                                      |                         |      |      |
|                             |                    |                          |               |                   |                                  |         |                                    |         |                                  |         |                                                      |                         |      |      |
| 1.5 Variable White Xacta    | 0.2 in. (5 mm)     | 122 LEDs/ft (400 LEDs/m) | 2400K + 6000K | 138               | 189.1                            | 620.4   | 174.7                              | 573.2   | 143.9                            | 472     | 32.15 ft (9.8 m)                                     | ✓                       | n/a  | n/a  |
| 3.0 Variable White Xacta    | 0.2 in. (5 mm)     | 122 LEDs/ft (400 LEDs/m) | 2400K + 6000K | 136               | 371.1                            | 1217.7  | 342.9                              | 1125.1  | 282.4                            | 926.5   | 22.31 ft (6.8 m)                                     | ✓                       | n/a  | n/a  |
| 4.5 Variable White Xacta    | 0.2 in. (5 mm)     | 122 LEDs/ft (400 LEDs/m) | 2400K + 6000K | 134               | 524.2                            | 1719.8  | 484.3                              | 1588.9  | 398.9                            | 1308.5  | 19.03 ft (5.8 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                | 78.2                             | 257     | 72.3                               | 237     | 60                               | 200     | 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                | 220.8                            | 725     | 205                                | 670     | 168                              | 551.2   | 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                | 415                              | 1,362   | 382.5                              | 1,255   | 315                              | 1,033.5 | 19 ft 8 in. (6 m)                                    | ✓                       | ✓    | ✓    |
| 4.4 RGBW Series 2           | 1.97 in. (50 mm)   | 36 LEDs/ft (120 LEDs/m)  | RGBW          | 45                | 188.1                            | 617.2   | 168.3                              | 552.2   | 148.5                            | 487.2   | 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                | 308.8                            | 1013    | 275.8                              | 904.9   | 243.3                            | 798.5   | IP65: 16 ft 4 in. (5 m)<br>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                | 510.2                            | 1,673.8 | 456.3                              | 1,497.1 | 402.6                            | 1,320.9 | 16 ft 4 in. (5 m)                                    | ✓                       | N/A  | N/A  |
| 4.4 5-in-1 RGBWW            | 2.46 in. (62.5 mm) | 29 LED/ft (96 LED/m)     | RGBWW         | 59                | 241.4                            | 792.1   | 220.7                              | 724     | 194.7                            | 638.8   | 16 ft 4 in (5 m)                                     | ✓                       | N/A  | N/A  |
| 8.8 5-in-1 RGBWW            | 2.46 in. (62.5 mm) | 29 LED/ft (96 LED/m)     | RGBWW         | 50                | 409.2                            | 1,342.6 | 374                                | 1,227.1 | 330                              | 1,082.7 | 11 ft 6 in (3.5 m)                                   | ✓                       | N/A  | N/A  |
| 5.2 Warm Dim                | 3.94 in. (100 mm)  | 36 LEDs/ft (120 LEDs/m)  | WARM DIM      | 55                | 263.1                            | 863     | 244.8                              | 803.25  | 201.6                            | 661.5   | 16 ft 4 in. (5 m)                                    | ✓                       | ✓    |      |

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

|                                                                                     |             |                             |                   |                                                                                      |                   |                               |                  |             |                |
|-------------------------------------------------------------------------------------|-------------|-----------------------------|-------------------|--------------------------------------------------------------------------------------|-------------------|-------------------------------|------------------|-------------|----------------|
|  |             | <b>No Visible Diode = N</b> |                   |  |                   | <b>With Visible Diode = Y</b> |                  |             |                |
| Static White & Static Color Series 2 RibbonLyte                                     |             | Color Changing RibbonLyte   |                   |                                                                                      |                   |                               |                  |             |                |
| 0.75/1.5/2.2/3.0                                                                    | 4.4/5.0/6.0 | 1.5/3.0/4.5 Xacta           | 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 | Warm Dim    | Variable White |
| IP20 / IP65                                                                         | IP20 / IP65 | IP20                        | IP20              | IP65                                                                                 | IP20              | IP20                          | IP20             | IP20 / IP65 | IP20 / IP65    |
| Y                                                                                   | N           | N                           | Y                 | Y                                                                                    | Y                 | Y                             | Y                | Y           | Y              |

AVAILABLE DRIVERS / CONTROLLERS AND DIMMING OPTIONS / WIRE GAUGE CHART

NON-DIMMING ELECTRONIC DRIVERS



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

Part No.:

- DRVW2430 (30 W)
- DRVW2460 (60 W)
- DRVW2496 (96 W)

24 VDC  
120-277 VAC  
IP65, dry/damp locations  
UL Listed



**240W, 320W  
Non-Dimming  
Electronic Drivers**

Part No.:

- DRVW24240 (240 W)
- DRVW24320 (320 W)

24 VDC  
90-305 VAC  
IP65, dry/damp locations  
UL Recognized



**60W, 96W  
Non-Dimming  
Compact Drivers**

Part No.:

- DRV2460C (60 W)
- DRV2496C (96 W)

24 VDC  
120-277 VAC  
IP20, dry locations  
UL Class P

ELV & MLV DRIVERS



**150W, 300W ELV/MLV  
Line Voltage Dimmable Drivers**

Part No.:

- DRVW24150ELVMLV (150 W)
- DRVW24300ELVMLV (300 W)

24 VDC  
100-277 VAC  
IP67, damp/wet locations  
UL, CE, and CSA Listed

DIMMABLE DALI-2 DRIVERS



**75W, 150W, 240W DALI-2  
Dimmable Drivers**

Part No.:

- DRVW2475DALI1CH (75 W, 1 channel)
- DRVW24150DALI1CH (150 W, 1 channel)
- DRVW24240DALI1CH (240 W, 1 channel)
- DRV24150DALI2CH (150 W, 2 channels)
- DRV24150DALI4CH (150 W, 4 channels)

24 VDC  
120-277 VAC  
IP67, damp/wet locations (1-channel drivers only)  
IP20, dry location (2-channel & 4-channel drivers only)  
CE, RoHS, SELV

0-10V/ELV/MLV 3-IN-1



**0-10V/ELV/MLV 3-in-1  
Dimmable Drivers**

Part No.:

- DRVW2460TRI010 (60 W)
- DRVW2496TRI010 (96 W)

24 VDC  
120-277 VAC  
IP65, dry/damp/wet locations  
UL Listed

0-10V



**0-10V Dimmable  
Waterproof Drivers**

Part No.:

- DRVW2496IOP (96 W)
- DRVW24288IOP (288 W)

24 VDC  
100-277 VAC  
UL wet locations  
UL Listed

0-10V VW/WD



**0-10V Dimmable  
90W VW/WD Driver**

Part No.:

- DRVRFWDVW2490120

24 VDC  
100-277 VAC  
IP23, dry/damp locations  
UL Listed

ATHENA WIRELESS COMPATIBLE



**94W Athena Wireless  
Compatible Drivers**

Part No.:

- DRVW2494ATH1CH (1 channel)
- DRVW2494ATH2CH (2 channel)

24 VDC  
100-277 VAC  
Dry locations  
UL Listed

DIMMABLE DALI-2 DRIVERS



**96W DIMMABLE DALI-2 DT6 D4I  
& DALI-2 DT8 D4I DRIVERS**

Part No.:

- DRVW2496DALI1CH (1 channel)
- DRVW2496DALI2CH (2 channel)

24-26 VDC  
120-277 VAC  
IP67, wet locations  
UL Listed

DMX CONTROLLERS, VARIABLE WHITE DIMMER, WARM DIM DIMMER - FOR COLOR CHANGING FIXTURES



**GLASS TOUCH  
WALL CONTROLLERS**

Part No.:

- AWCRGBWWBK
- AWCVWBK



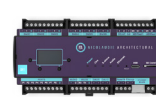
**1 ZONE WALL CONTROLLER**  
Part No.: DMXCTRLG



**5 ZONE WALL CONTROLLER**  
Part No.: DMXCTRL



**10 ZONE WALL CONTROLLER**  
Part No.: DMXCTRLD



**6 UNIVERSE DMX CONTROLLER**  
Part No.: DMXCTRLDR6U



**VARIABLE WHITE DIMMER**

Part No.:

- RFDIMVWWH (White)
- RFDIMVWBK (Black)



**WARM DIM DIMMER**

Part No.:

- RFDIMWDWH (White)
- RFDIMWDBK (Black)



**4 CHANNEL WATERPROOF  
DMX INTERFACE**  
Part No.: DMXINFWLCD4



**5 CHANNEL  
DMX DECODER**  
Part No.: DMXINF5



**DMX OPTO SPLITTER**  
Part No.: DMXOS8

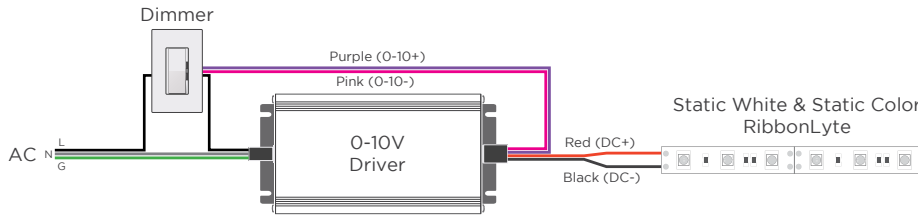
DRIVER AND RIBBONLYTE AT FULL LOAD

| 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  |

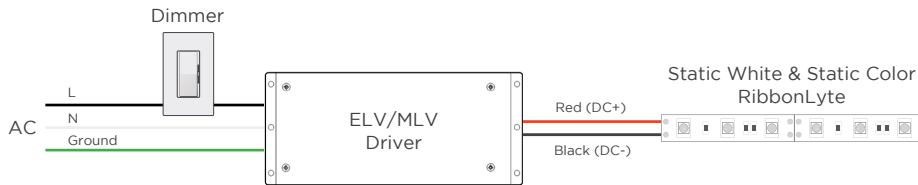


WIRING DIAGRAMS - STATIC WHITE / STATIC COLOR / RGBW / RGBA / RGBWW

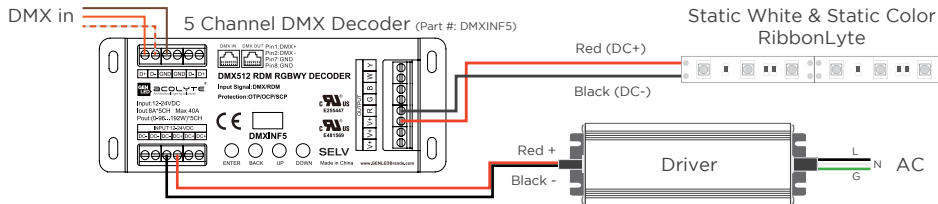
0-10 V



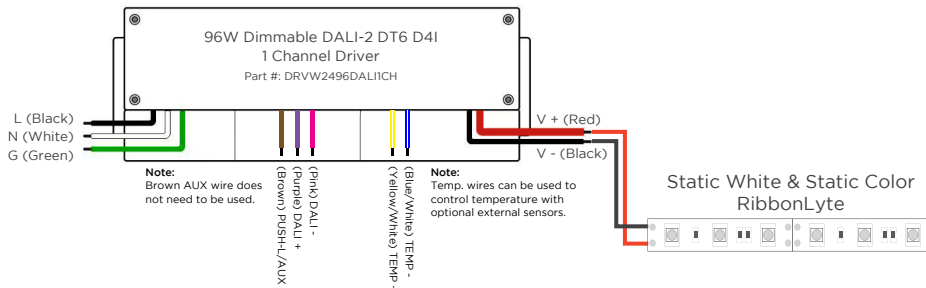
MLV / ELV



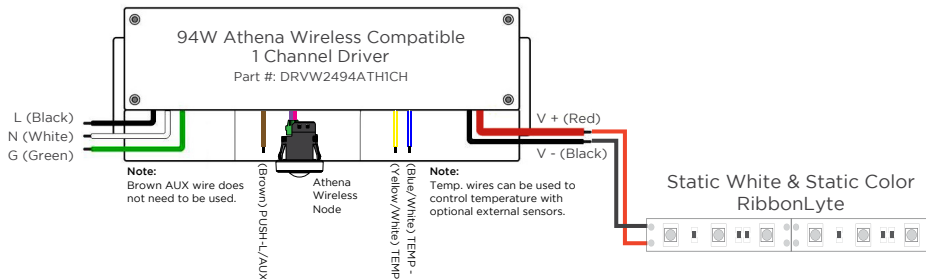
DMX WIRING WITH STATIC WHITE & STATIC COLOR RIBBONLYTE



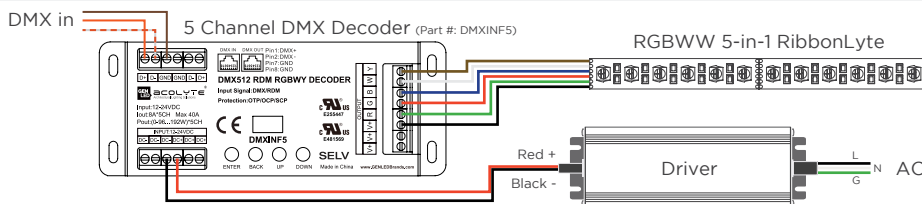
DALI-2 WIRING WITH STATIC WHITE & STATIC COLOR RIBBONLYTE



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

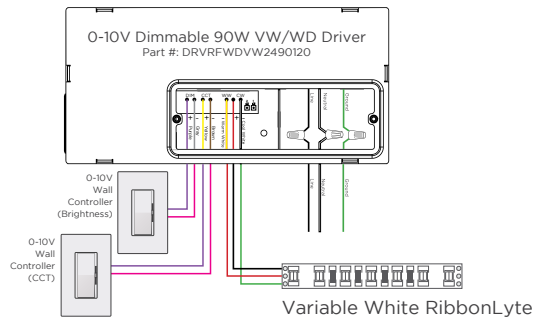
RGBWW

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

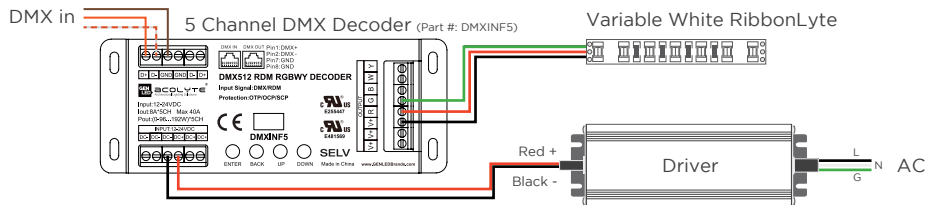


### WIRE COLORS PER RIBBONLYTE COLOR

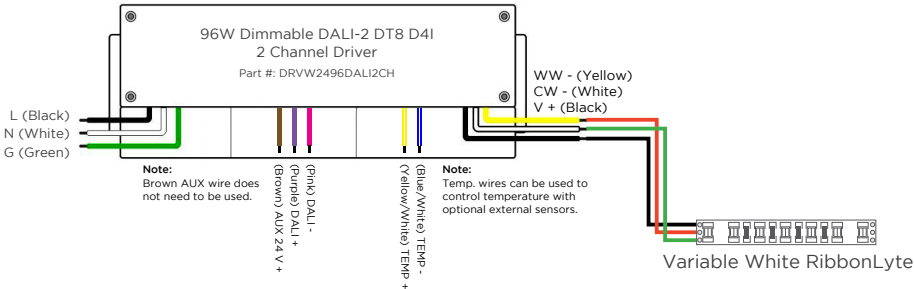
#### VARIABLE WHITE

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

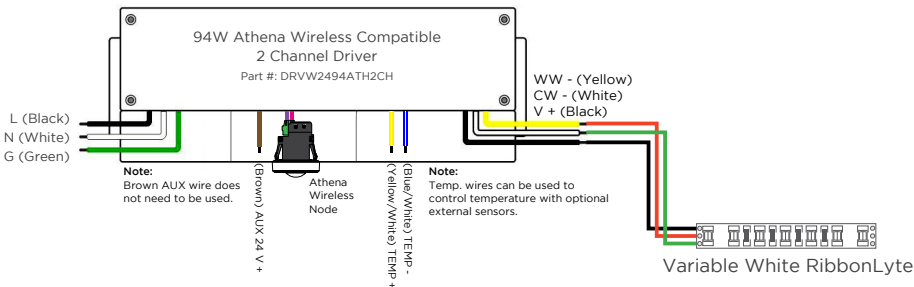
### DMX WIRING WITH VARIABLE WHITE RIBBONLYTE



### DALI-2 WIRING WITH VARIABLE WHITE RIBBONLYTE



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



REV.02OCT2025

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