

### AS3 CHANNEL FIXTURE

AS3 Channel Fixture is a wide, low profile channel, the widest of the AS series. The 110-degree beam angle creates a wide, even spread of light and is ideal for cove applications. This can be used in conjunction with our tiltable stands, and includes a choice of clear, frosted or milky lens. Custom design a fixture with our AS3 Channel Fixture and RibbonLyte products.

- Available for field assembly or factory assembly
- Beam Angle 110°
- 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 lm/ft (2392.5 lm/m)
- Assembled in USA



### HOUSING FINISHES



\*Additional fee applies

### AVAILABLE LENS FINISHES



### AVAILABLE COLORS & COLOR TEMPERATURES



### DIMENSIONS

| AS3 Channel  | Mounting Clip (Included Accessory)  |  |   |
|--|---|--|---|
| <p><b>Width:</b> 0.93 in. (23.6 mm)<br/> <b>Height:</b> 0.42 in. (10.7 mm)<br/> <b>Internal Width:</b> 0.81 in. (20.6 mm)</p>  | <p>Material: stainless steel</p> <p><b>Side View</b></p> <p><b>Width:</b> 0.6 in. (15 mm)<br/> <b>Length:</b> 0.97 in. (24.7 mm)<br/> <b>Height:</b> 0.25 in. (6.35 mm)</p> | <p><b>Top View</b></p> <p><b>Width:</b> 0.97 in. (24.7 mm)<br/> <b>Height:</b> 0.6 in. (15 mm)</p> | <p><b>Assembled View</b></p> <p><b>Width:</b> 0.97 in. (24.7 mm)<br/> <b>Height:</b> 0.46 in. (11.7 mm)</p> |
| <p><b>Note:</b></p> <ol style="list-style-type: none"> <li>1. Each section of channel includes <b>3 mounting clips</b>.</li> <li>2. <b>Magnetic mounting</b> option available (see page 2)</li> <li>3. <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> |   |  |   |

**SPECIFICATIONS**

|                                |  |
|--------------------------------|--|
| <b>Beam Angle</b>              | 110°   |
| <b>Lens Type</b>               | Clear Lens, Frosted Lens, Milky Lens   |
| <b>Length</b>                  | Channel is sold by the foot and cut to your exact desired length. Required amount of mounting clips included.  |
| <b>Operating Voltage</b>       | 24 V   |
| <b>Dimming</b>                 | MLV / 0-10 Volt / ELV / DALI / DMX   |
| <b>Operating Temperature</b>   | -40 – 158 °F (-40 – 70 °C)   |
| <b>Colors</b>                  | 1800K, 2000K, 2200K, 2400K, 2700K, 3000K, 3500K, 4000K, 6000K, Red, Amber, Green, Blue, RGBA, RGBW, RGBWW, VW, Warm Dim RGBW Addressable (1800K, 2000K, 2200K only available in IP20), Pixel RGB (IP20 only), RGBW Addressable (IP67 only) |
| <b>CRI</b>                     | 90+ CRI (Static white only)  |
| <b>Lifetime (L70 reported)</b> | 50,000 hours   |
| <b>MacAdam ellipse (SDCM)</b>  | 1-Step Binning (For Static White LEDs only)  |
| <b>Certifications</b>          | 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 Luminaries; with Gen. Inst. 1: 1997, Gen Inst. 2: 1998. ROHS compliant     |

**ACCESSORIES**

|  |  |
|--|--|
| <p><b>Tiltable Stand (Part #: TILTSTANDST)</b></p> <p><b>Assembled Height with Channel: 1.22 in. (31 mm)</b></p> | <p><b>End Caps (Included Accessory)</b></p> <p>Material: ABS</p> |
|--|--|

**Magnetic Mount (Part #: CHMAGO.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

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ORDERING GUIDE

**STEP 1 Complete Channel Part Number**

| CHANNEL             | LENS  | HOUSING COLOR   |
|---------------------|---|---|
| <b>CHAS3</b>        |   |   |
| CHAS3 - AS3 Channel | C - Clear Lens*    M - Milky Lens<br>F - Frosted Lens    * Clear lens is the default option if not specified. | SV - Silver (default)    WH - White**<br>BK - Black** |

**STEP 2 Complete RibbonLyte Part Number**

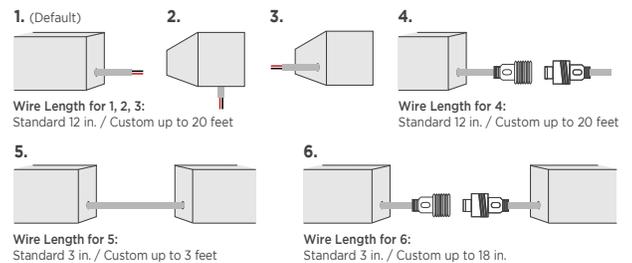
| CATEGORY        | CRI   | RIBBON TYPE & IP RATING  |
|-----------------|---|--|
| <b>RB</b>       |   |  |
| RB - RibbonLyte | 0 - Static Color, Color Changing<br>90 - 90+ CRI Static White | SWS220 - Static White Series 2 IP20    LINEA20 - Linea RibbonLyte IP20    VWS220 - VW Series 2 IP20<br>SWS265 - Static White Series 2 IP65    RGBWS220 - RGBW Series 2 IP20    VWS265 - VW Series 2 IP65<br>SWS268 - Static White Series 2 IP68    RGBWS265 - RGBW Series 2 IP65    VWS268 - VW Series 2 IP68<br>SCS220 - Static Color Series 2 IP20    RGBWS268 - RGBW Series 2 IP68    WD20 - Warm Dim IP20<br>SCS265 - Static Color Series 2 IP65    RGBWW20 - RGBWW 5-in-1 IP20    WD65 - Warm Dim IP65<br>SCS268 - Static Color Series 2 IP68    RGBWADD - Addressable RGBW    WD68 - Warm Dim IP68<br>XACTA20 - Xacta RibbonLyte IP20    RGBADD - Pixel RGB IP20 |

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

\*\* Additional fee applies  
Consult factory for custom colors

| WATTAGE  | COLOR  |
|--|--|
| 0.75 - 0.75 W/ft (2.46 W/m - Static White, Static Color)                                 | 18 - 1800K    RGB27 - Red, Green, Blue + 2700K           |
| 1.0 - 1.0 W/ft (3.3 W/m - Variable White)  | 20 - 2000K    RGB30 - Red, Green, Blue + 3000K           |
| 1.5 - 1.5 W/ft (4.9 W/m - Static White, Static Color, Variable White)                    | 22 - 2200K    RGB40 - Red, Green, Blue + 4000K           |
| 2.2 - 2.2 W/ft (7.2 W/m - Static White, Static Color)                                    | 24 - 2400K    RGB2465 - Red, Green, Blue + 2400K + 6500K |
| 2.4 - 2.4 W/ft (8 W/m - Static White Linea)  | 27 - 2700K    RGBA - Red, Green, Blue + Amber            |
| 3.0 - 3.0 W/ft (9.8 W/m - Static White, Static Color, Variable White)                    | 30 - 3000K    RGBW30 - RGB + 3000K Addressable           |
| 4.3 - 4.3 W/ft (14 W/m - Static White Linea)   | 35 - 3500K    RGBW40 - RGB + 4000K Addressable           |
| 4.4 - 4.4 W/ft (14.4 W/m - Static White, Static Color, RGBW, RGBWW, RGBA)                | 40 - 4000K    RGBW60 - RGB + 6000K Addressable           |
| 4.5 - 4.5 W/ft (14.8 W/m - Static White, Variable White)                                 | 60 - 6000K    RGBS - Pixel RGB (SPI)                     |
| 5.0 - 5.0 W/ft (16.4 W/m - Static White, Static Color)                                   | R - Red    VW - Variable White                           |
| 5.2 - 5.2 W/ft (17.1 W/m - Warm Dim)   | A - Amber    2920 - Warm Dim 2900K - 2000K (IP20)        |
| 5.3 - 5.3 W/ft (17.5 W/m - Pixel RGB)  | G - Green    2721 - Warm Dim 2700K - 2100K (IP65+IP68)   |
| 5.5 - 5.5 W/ft (18.0 W/m - RGBW, RGBA)   | B - Blue    Z - Undecided**                              |
| 6.0 - 6.0 W/ft (19.7 W/m - Static White, Static Color, Variable White, RGBW Addressable) |  |
| 6.1 - 6.1 W/ft (20 W/m - Variable White Linea)   |  |
| 8.8 - 8.8 W/ft (28.9 W/m - RGBW, RGBWW)  |  |

\*\* For quotes only. Must be chosen before final order.



**STEP 3 Complete Assembly Option & Length**

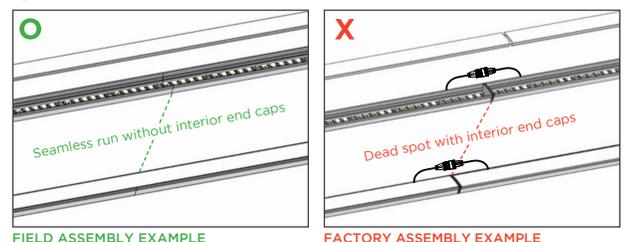
| ASSEMBLY OPTION  | LENGTH (Standard factory assembled length up to 6 ft 6.7 in. / 2 m) |
|--|---|
| FI - Field Assembly  |   |
| FA - Factory Assembly* (not recommended for exterior applications) |   |

\* 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 - Tiltable Stand    CHMAGO.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         | 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 |
| 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  |  |                         |      |      |
| 6000K                      | 131               | 90.4                    | 296.5       | 83.5              | 273.9                            | 68.8   | 225.7                              |        |                                  |        |  |                         |      |      |
| 1.5 Static White Series 2  | 1.97 in. (50 mm)  | 48 LEDs/ft (160 LEDs/m) | 1800K       | 84                | 115.9                            | 380.2  | 107.1                              | 351.3  | 88.2                             | 289.3  | IP20: 49 ft (15 m)<br>IP65: 32.8 ft (10 m)         | ✓                       | ✓    | ✓    |
|                            |                   |                         | 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  |  |                         |      |      |
|                            |                   |                         | 4000K       | 134               | 184.9                            | 606.5  | 170.9                              | 560.6  | 140.7                            | 461.5  |  |                         |      |      |
| 6000K                      | 131               | 180.8                   | 593         | 167               | 547.8                            | 137.6  | 451.3                              |        |                                  |        |  |                         |      |      |
| 2.2 Static White Series 2  | 1.97 in. (50 mm)  | 48 LEDs/ft (160 LEDs/m) | 1800K       | 83                | 168                              | 51     | 155.2                              | 509.1  | 127.8                            | 419.2  | IP20: 42 ft (12.8 m)<br>IP65: 32.8 ft (10 m)       | ✓                       | ✓    | ✓    |
|                            |                   |                         | 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  |  |                         |      |      |
|                            |                   |                         | 3500K       | 127               | 257                              | 843    | 237.5                              | 779    | 195.6                            | 641.6  |  |                         |      |      |
|                            |                   |                         | 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                              |        |                                  |        |  |                         |      |      |
| 3.0 Static White Series 2  | 1.97 in. (50 mm)  | 48 LEDs/ft (160 LEDs/m) | 1800K       | 84                | 231.8                            | 760.4  | 214.2                              | 702.6  | 176.4                            | 578.6  | IP20: 36 ft (11 m)<br>IP65: 32.8 ft (10 m)         | ✓                       | ✓    | ✓    |
|                            |                   |                         | 2000K       | 98                | 270.5                            | 887.2  | 249.9                              | 819.7  | 205.8                            | 675    |  |                         |      |      |
|                            |                   |                         | 2200K       | 108               | 298.1                            | 977.7  | 275.4                              | 903.3  | 226.8                            | 743.9  |  |                         |      |      |
|                            |                   |                         | 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  |  |                         |      |      |
| 6000K                      | 127               | 350.8                   | 1150.5      | 323.7             | 1061.8                           | 266.6  | 874.5                              |        |                                  |        |  |                         |      |      |
| 4.4 Static White Series 2  | 1.97 in. (50 mm)  | 48 LEDs/ft (160 LEDs/m) | 1800K       | 81                | 327.9                            | 1075.5 | 302.9                              | 993.6  | 249.5                            | 818.3  | 28 ft 4 in. (8.64 m)                               | ✓                       | ✓    | ✓    |
|                            |                   |                         | 2000K       | 95                | 384.6                            | 1261.4 | 355.3                              | 1165.4 | 292.6                            | 959.7  |  |                         |      |      |
|                            |                   |                         | 2200K       | 105               | 425                              | 1394.1 | 392.7                              | 1288.1 | 323.4                            | 1060.8 |  |                         |      |      |
|                            |                   |                         | 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                             |        |                                  |        |  |                         |      |      |
| 5.0 Static White Series 2  | 1.4 in. (35.7 mm) | 68 LEDs/ft (224 LEDs/m) | 1800K       | 83                | 381.8                            | 1252.3 | 352.8                              | 1157   | 290.5                            | 952.8  | IP20: 33 ft 4 in. (10.1 m)<br>IP65: 32.8 ft (10 m) | ✓                       | ✓    |      |
|                            |                   |                         | 2000K       | 98                | 450.8                            | 1478.6 | 416.5                              | 1366.1 | 343                              | 1125   |  |                         |      |      |
|                            |                   |                         | 2200K       | 107               | 492.2                            | 1614.4 | 454.8                              | 1491.6 | 374.5                            | 1228.4 |  |                         |      |      |
|                            |                   |                         | 2400K       | 110               | 505.1                            | 1656.8 | 466.8                              | 1531   | 384.4                            | 1260.8 |  |                         |      |      |
|                            |                   |                         | 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                             |        |                                  |        |  |                         |      |      |
| 6.0 Static White Series 2  | 1.4 in. (35.7 mm) | 68 LEDs/ft (224 LEDs/m) | 1800K       | 82                | 452.6                            | 1484.7 | 418.2                              | 1371.7 | 344.4                            | 1129.6 | 28 ft (8.5 m)                                      | ✓                       | ✓    |      |
|                            |                   |                         | 2000K       | 95                | 524.4                            | 1720   | 484.5                              | 1589.2 | 399.0                            | 1308.7 |  |                         |      |      |
|                            |                   |                         | 2200K       | 106               | 585.1                            | 1919.2 | 540.6                              | 1773.2 | 445.2                            | 1460.3 |  |                         |      |      |
|                            |                   |                         | 2400K       | 109               | 601.6                            | 1973.2 | 555.9                              | 1823.4 | 457.8                            | 1501.6 |  |                         |      |      |
|                            |                   |                         | 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/ IP68: 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/ IP68: 32.8 ft (10 m)   | ✓                       | ✓    | ✓    |
|                            |                     |                          | Green         | 160               | 221                              | 724    | 204                                | 669    | 168                              | 551.1   |  |                         |      |      |
|                            |                     |                          | Blue          | 18                | 25                               | 81     | 23                                 | 75     | 19                               | 62      |  |                         |      |      |
|                            |                     |                          | Amber         | 34                | 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/ IP68: 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                             | 242.46  |  |                         |      |      |
|                            |                     |                          | 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 & 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   |
| 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    | 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                              | 1362   | 382.5                              | 1255   | 315                              | 1033.5 | 19 ft 8 in. (6 m)       | ✓                       | ✓    | ✓      |
| 4.4 RGB 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 RGB 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  | 16 ft 4 in. (5 m)       | N/A                     | ✓    | ✓      |
| 8.8 RGB Series 2            | 1.97 in. (50 mm)   | 36 LEDs/ft (120 LEDs/m)  | RGBW          | 61                | 510.2                            | 1673.8 | 456.3                              | 1497.1 | 402.6                            | 1320.9 | 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                            | 1342.6 | 374                                | 1227.1 | 330                              | 1082.7 | 11 ft 6 in (3.5 m)      | ✓                       | N/A  | N/A    |
| RGBW Addressable            | 3.94 in. (100 mm)  | 18 LEDs/ft (60 LEDs/m)   | Red           | 33.5              | 30.8                             | 101.2  | 28.5                               | 93.5   | 23.5                             | 77.1   | 16 ft 5.64 in. (5.02 m) | N/A                     | N/A  | ✓ IP67 |
|                             |                    |                          | Green         | 82                | 75.4                             | 247.5  | 69.7                               | 228.7  | 57.4                             | 188.3  |                         |                         |      |        |
|                             |                    |                          | Blue          | 15.5              | 14.2                             | 46.7   | 13.2                               | 43.2   | 10.8                             | 35.6   |                         |                         |      |        |
|                             |                    |                          | White         | 103               | 94.8                             | 310.9  | 87.6                               | 287.3  | 72.1                             | 236.6  |                         |                         |      |        |
|                             |                    |                          | All           | 40                | 222.8                            | 730.8  | 205.8                              | 675.2  | 169.5                            | 556.1  |                         |                         |      |        |
| 5.3 Pixel RGB               | 3.94 in. (100 mm)  | 18 LEDs/ft (60 LEDs/m)   | RGB (all on)  | 21                | 114.54                           | 375.36 | 105.83                             | 346.8  | 87.15                            | 285.6  | 24 ft 7.2 in. (7.5 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><br>Note: Linea RibbonLyte has no visible diode |           |         |                                   |      |  <b>With Visible Diode = Y</b> |           |              |              |           |                  |                         |                |
|---|-----------|---------|-----------------------------------|------|--|-----------|--------------|--------------|-----------|------------------|-------------------------|----------------|
| Static White & Static Color Series 2  |           |         | Static White & Static Color Xacta |      | RGBW & RGBA Series 2   |           | 5-in-1 RGBWW | 5-in-1 RGBWW | Pixel RGB | RGBW Addressable | Variable White Series 2 | Warm Dim       |
| 0.75/1.5/2.2  | 3.0/4.4   | 5.0/6.0 | 1.5/3.0/4.5                       |      | 4.4/8.8  | 5.5       | 4.4          | 8.8          | 5.3       | 6.0              | 1.0/3.0/6.0             | 5.2            |
| IP20/IP65/IP68  | IP20/IP65 | IP68    | IP20/IP65/IP68                    | IP20 | IP20   | IP65/IP68 | IP20         | IP20         | IP20      | IP67             | IP20/IP65/IP68          | IP20/IP65/IP68 |
| Y   | N         | Y       | N                                 | N    | Y  | Y         | Y            | Y            | Y         | Y                | Y                       | Y              |

AVAILABLE DRIVERS / CONTROLLERS AND DIMMING OPTIONS / WIRE GAUGE CHART

| NON-DIMMING ELECTRONIC DRIVERS   |   |  | 0-10V/ELV/MLV 3-IN-1  |   | ELV  | 0-10V VW/WD             |  |
|--|---|--|---|---|--|-------------------------|--|
|  |   |  |   |   |  |                         |  |
| <p><b>30W, 60W, 96W Non-Dimming Electronic Class 2 Drivers</b></p> <p>Part No.:</p> <ul style="list-style-type: none"> <li>• DRVW2430 (30 W)</li> <li>• DRVW2460 (60 W)</li> <li>• DRVW2496 (96 W)</li> </ul> <p>24 VDC<br/>120-277 VAC<br/>IP65, dry/damp locations<br/>UL Listed</p> | <p><b>240W, 320W Non-Dimming Electronic Drivers</b></p> <p>Part No.:</p> <ul style="list-style-type: none"> <li>• DRVW24240 (240 W)</li> <li>• DRVW24320 (320 W)</li> </ul> <p>24 VDC<br/>90-305 VAC<br/>IP65, dry/damp locations<br/>UL Recognized</p>   | <p><b>60W, 96W Non-Dimming Compact Drivers</b></p> <p>Part No.:</p> <ul style="list-style-type: none"> <li>• DRV2460C (60 W)</li> <li>• DRV2496C (96 W)</li> </ul> <p>24 VDC<br/>120-277 VAC<br/>IP20, dry locations<br/>UL Class P</p>  | <p><b>60W, 96W, 288W 0-10V/ELV/MLV 3-in-1 Dimmable Drivers</b></p> <p>Part No.:</p> <ul style="list-style-type: none"> <li>• DRVW2460TRI010 (60 W)</li> <li>• DRVW2496TRI010 (96 W)</li> <li>• DRVW24288TRI010 (288 W)</li> </ul> <p>24 VDC<br/>120-277 VAC<br/>IP65, dry/damp/wet locations<br/>UL Listed</p>  | <p><b>60W Dimmable Driver</b></p> <p>Part No.:</p> <ul style="list-style-type: none"> <li>• DRVW2460ELV</li> </ul> <p>24 VDC<br/>100-130 VAC<br/>Fits in single-gang switch boxes<br/>IP20, dry locations<br/>UL Recognized</p> | <p><b>0-10V Dimmable 90W VW/WD Driver</b></p> <p>Part No.:</p> <ul style="list-style-type: none"> <li>• DRVRFWDVW2490120</li> </ul> <p>24 VDC<br/>100-277 VAC<br/>IP23, dry/damp locations<br/>UL Listed</p> |                         |  |
| ATHENA WIRELESS COMPATIBLE   |   | CASAMBI COMPATIBLE DRIVERS   |   | DIMMABLE DALI-2 DRIVERS   |  | DIMMABLE DALI-2 DRIVERS |  |
|  |   |  |   |   |  |                         |  |
| <p><b>94W Athena Wireless Compatible Drivers</b></p> <p>Part No.:</p> <ul style="list-style-type: none"> <li>• DRVW2494ATH1CH (1 channel)</li> <li>• DRVW2494ATH2CH (2 channel)</li> </ul> <p>24 VDC<br/>100-277 VAC<br/>Dry locations<br/>UL Listed</p>                               | <p><b>100W &amp; 200W Casambi Compatible 4 Channel Drivers</b></p> <p>Part No.:</p> <ul style="list-style-type: none"> <li>• DRVW24100CAS4CH (100 W)</li> <li>• DRVW24200CAS4CH (200 W)</li> </ul> <p>24 VDC<br/>100-277 VAC<br/>IP66, dry/damp/wet locations<br/>UL Listed, CE, RoHS, Bluetooth, CASAMBI</p> | <p><b>96W DIMMABLE DALI-2 DT6 D4I &amp; DALI-2 DT8 D4I DRIVERS</b></p> <p>Part No.:</p> <ul style="list-style-type: none"> <li>• DRVW2496DALI1CH (1 channel)</li> <li>• DRVW2496DALI2CH (2 channel)</li> </ul> <p>24-26 VDC<br/>120-277 VAC<br/>IP67, dry/damp/wet locations<br/>UL Listed</p> | <p><b>75W, 150W, 240W DALI-2 Dimmable Drivers</b></p> <p>Part No.:</p> <ul style="list-style-type: none"> <li>• DRVW2475DALI1CH (75 W, 1 channel)</li> <li>• DRVW24150DALI1CH (150 W, 1 channel)</li> <li>• DRVW24240DALI1CH (240 W, 1 channel)</li> <li>• DRV24150DALI2CH (150 W, 2 channels)</li> <li>• DRV24150DALI4CH (150 W, 4 channels)</li> </ul> <p>24 VDC<br/>120-277 VAC<br/>IP67, damp/wet locations (1-channel drivers only)<br/>IP20, dry location (2-channel &amp; 4-channel drivers only)<br/>CE, RoHS, SELV</p> |   |  |                         |  |

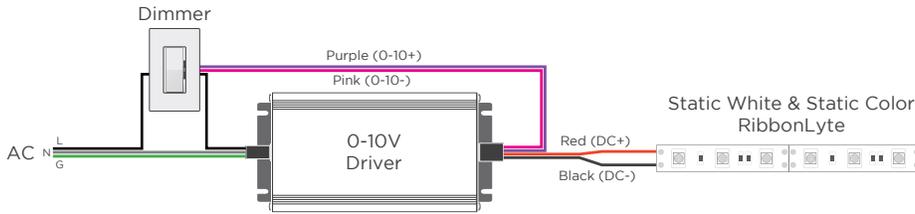
DMX CONTROLLERS, VARIABLE WHITE DIMMER, WARM DIM DIMMER - FOR COLOR CHANGING FIXTURES

|   |   |   |   |  |
|---|---|---|---|--|
|   |   |   |   |  |
| <p><b>GLASS TOUCH WALL CONTROLLERS</b></p> <p>Part No.:</p> <ul style="list-style-type: none"> <li>• AWCRGBWBK</li> <li>• AWCVWBK</li> </ul>            | <p><b>1 ZONE WALL CONTROLLER</b></p> <p>Part No.: DMXCTRLG</p>  | <p><b>5 ZONE WALL CONTROLLER</b></p> <p>Part No.: DMXCTRL</p>                 | <p><b>10 ZONE WALL CONTROLLER</b></p> <p>Part No.: DMXCTRLD</p> | <p><b>6 UNIVERSE DMX CONTROLLER</b></p> <p>Part No.: DMXCTRLDR6U</p> |
|   |   |   |   |  |
| <p><b>VARIABLE WHITE DIMMER</b></p> <p>Part No.:</p> <ul style="list-style-type: none"> <li>• RFDIMVWWH (White)</li> <li>• RFDIMVWBK (Black)</li> </ul> | <p><b>WARM DIM DIMMER</b></p> <p>Part No.:</p> <ul style="list-style-type: none"> <li>• RFDIMWDWH (White)</li> <li>• RFDIMWDBK (Black)</li> </ul> | <p><b>4 CHANNEL WATERPROOF DMX INTERFACE</b></p> <p>Part No.: DMXINFWLC4D</p> | <p><b>5 CHANNEL DMX DECODER</b></p> <p>Part No.: DMXINF5</p>    | <p><b>DMX OPTO SPLITTER</b></p> <p>Part No.: DMXOS8</p>              |

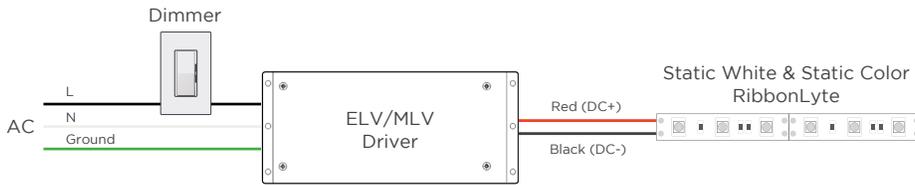
| Wattages                      | 30   |        | 60   |        | 96   |        | 150  |        | 200  |        | 240  |        | 300  |        | 320  |        |
|-------------------------------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
|                               | 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

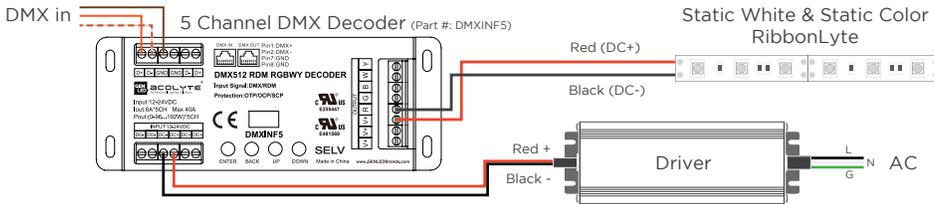
0-10 V



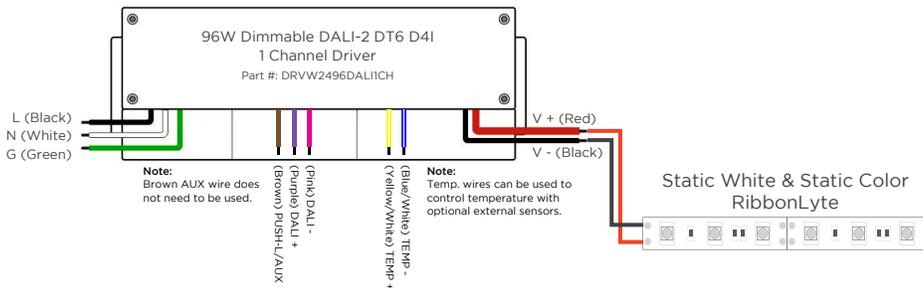
MLV / ELV



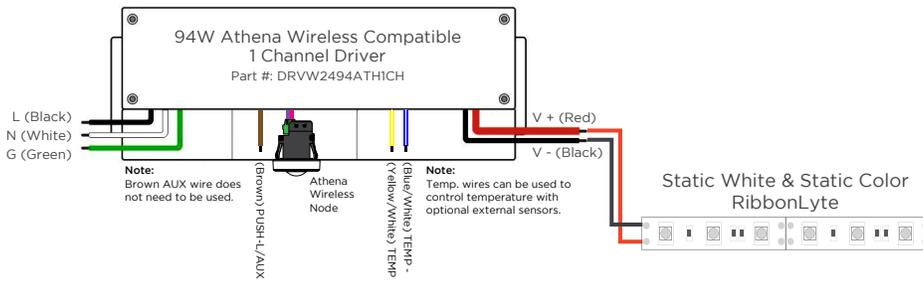
DMX WIRING WITH STATIC WHITE & STATIC COLOR RIBBONLYTE



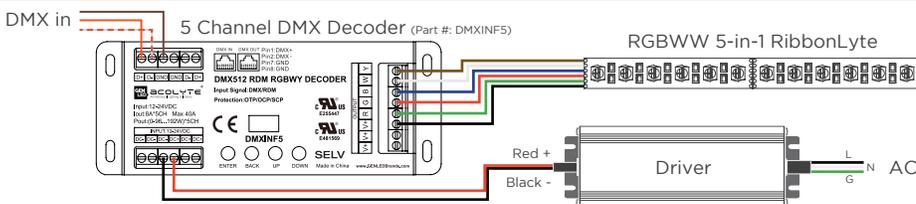
DALI-2 WIRING WITH STATIC WHITE & STATIC COLOR RIBBONLYTE



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**

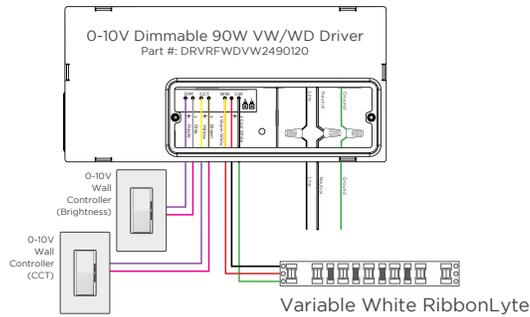
Black Wire (+) Positive  
Green Wire (-) goes to Green Channel  
Red Wire (-) goes to Red Channel  
Blue Wire (-) goes to Blue Channel  
White Wire (-) goes to White Channel

**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

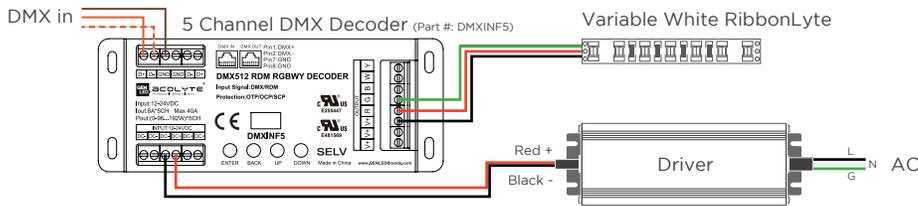
2-CHANNEL VARIABLE WHITE DIMMING



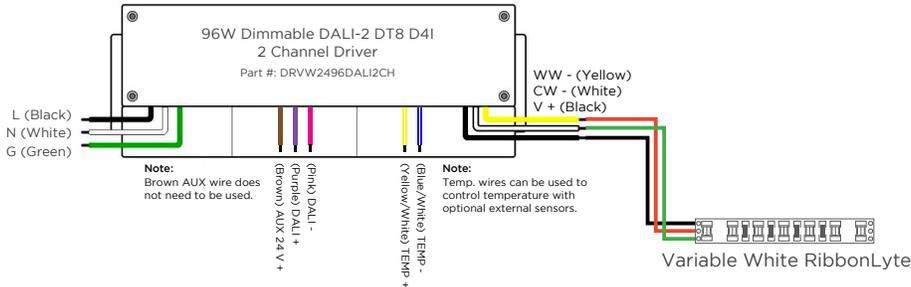
WIRE COLORS PER RIBBONLYTE COLOR

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

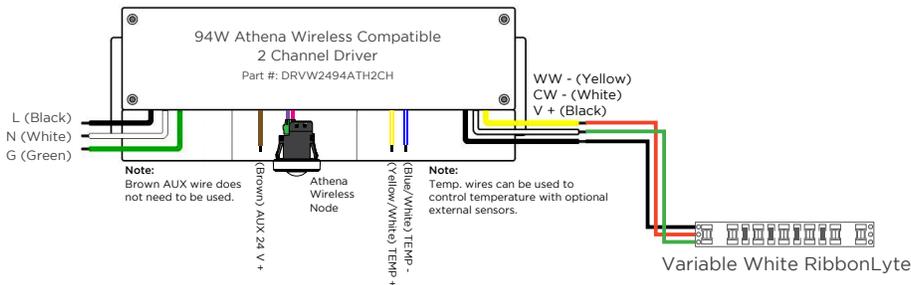
DMX WIRING WITH VARIABLE WHITE RIBBONLYTE



DALI-2 WIRING WITH VARIABLE WHITE RIBBONLYTE



VARIABLE WHITE RIBBONLYTE WIRING WITH ATHENA WIRELESS COMPATIBLE DRIVER



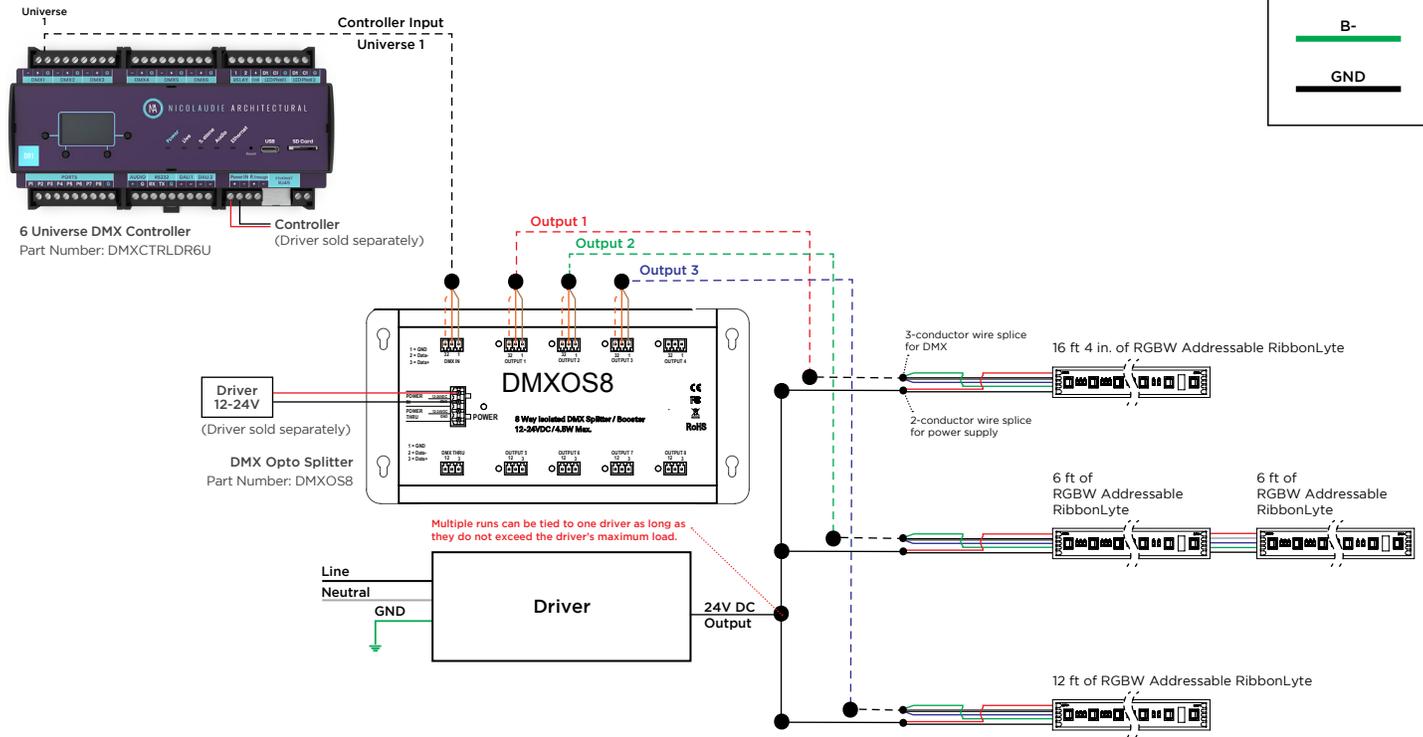
WIRING DIAGRAMS WITH RGBW ADDRESSABLE RIBBONLYTE

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

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

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

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



REV.19MAR2026

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