

Date _____ Project _____

Notes _____

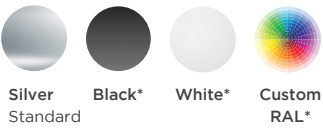
AT4 CHANNEL FIXTURE

Our AT4 Channel Fixture is a rounded channel with excellent diffusion and a 130-degree beam angle. We offer a variety of mounting options as well as your choice of clear, frosted and milky lenses to create a full range of light output and design. Custom design a fixture for nearly any application with our AT4 Channel and RibbonLyte products.

- Available for field assembly or factory assembly
- Beam Angle 130°
- 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 (2371.5 lm/m)
- Assembled in USA
- For interior applications only



HOUSING FINISHES

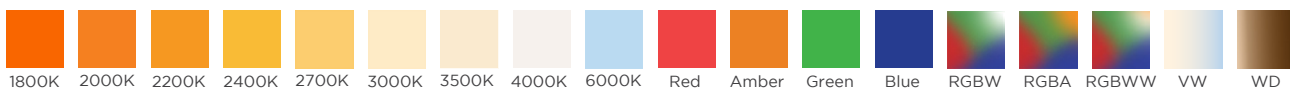


*Additional fee applies

AVAILABLE LENS FINISHES



AVAILABLE COLORS & COLOR TEMPERATURES



DIMENSIONS

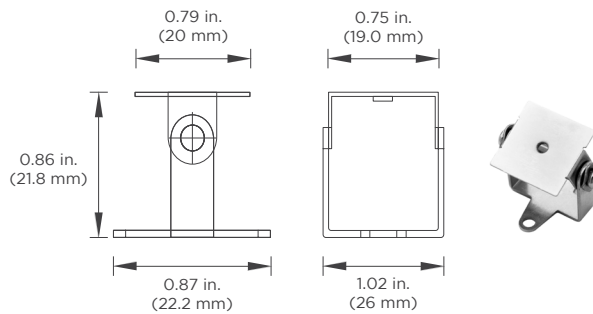
| AT4 Channel | Mounting Clip (Included Accessory) | | |
|---|---|--|---|
| <p>Width: 0.74 in. (18.8 mm) Height: 0.74 in. (18.8 mm) Internal Width: 0.66 in. (16.8 mm)</p> | <p>Side View</p> <p>Width: 0.83 in. (21.2 mm) Length: 0.32 in. (8.3 mm) Height: 0.32 in. (8.3 mm)</p> | <p>Top View</p> <p>Width: 0.83 in. (21.2 mm) Height: 0.6 in. (15.2 mm)</p> | <p>Assembled View</p> <p>Width: 0.83 in. (21.2 mm) Height: 0.84 in. (21.3 mm)</p> |
| <p>Note:</p> <ol style="list-style-type: none"> 1. Each section of channel includes 3 mounting clips. 2. Magnetic mounting option available (see page 2) 3. Raised lens is for interior applications only. | | | |

SPECIFICATIONS

| | |
|-------------------------------|--|
| Beam Angle | 130° |
| 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) |
| Lamp Life | L70 at 50,000 hours |
| MacAdam ellipse (SDCM) | 2-Step Binning (For Static White LEDs only) |
| Certifications | UL Listed UL 2108 Issued: 2004/02/27 Ed: 1 Rev: 2014/02/24 Low Voltage Lighting Systems CSA C22.2#9.0 Issued: 1996/06/01 Ed: 1 (R2011) General Requirements for Luminaires; with Gen. Inst. 1: 1997, Gen Inst. 2: 1998. ROHS compliant |

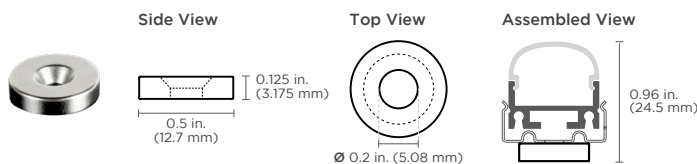
ACCESSORIES

Tilttable Stand (Part # TILTSTANDST)



Assembled Height with Channel: 1.7 in. (43.2 mm)

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 |
|---|---|--|
| CHAT4 | | |
| CHAT4 - AT4 Channel For interior applications only | C - Clear Lens* M - Milky Lens F - Frosted Lens * Clear lens is the default option if not specified. | SV - Silver (default) WH - White BK - Black Consult factory for custom colors |

STEP 2 Complete RibbonLyte Part Number

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

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

WATTAGE

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

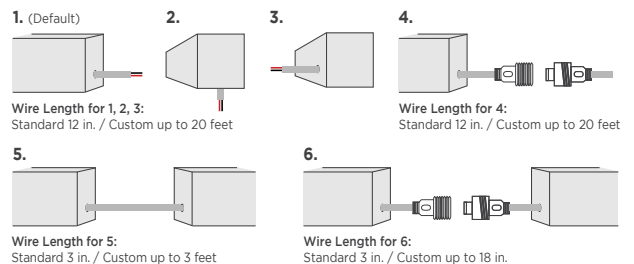
COLOR

- 18 - 1800K
 - 20 - 2000K
 - 22 - 2200K
 - 24 - 2400K
 - 27 - 2700K
 - 30 - 3000K
 - 35 - 3500K
 - 40 - 4000K
 - 60 - 6000K
 - R - Red
 - A - Amber
 - G - Green
 - B - Blue
 - VW - Variable White
 - RGB27 - Red, Green, Blue + 2700K
 - RGB30 - Red, Green, Blue + 3000K
 - RGB40 - Red, Green, Blue + 4000K
 - RGB60 - Red, Green, Blue + 6000K
 - RGB2465 - Red, Green, Blue + 2400K + 6500K
 - RGBA - Red, Green, Blue + Amber
 - 2920 - Warm Dim 2900K - 2000K (IP20)
 - 2721 - Warm Dim 2700K - 2100K (IP65+IP68)
 - Z - Undecided**
- ** For quotes only. Must be chosen before final order.

CONNECTION OPTIONS (See diagrams on the right)

Custom Length (ft.)

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



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* | |

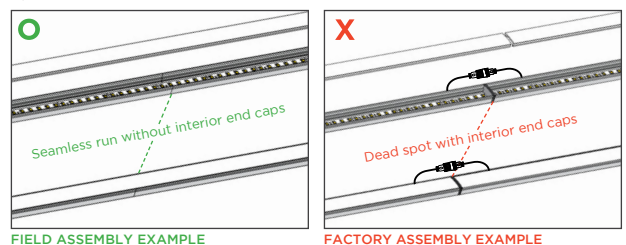
* Factory assembled runs exceeding 6 ft 6.7 in. (2 m) will be split into multiple daisy chained fixtures.

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 | 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 | | |
|----------------------------|-------------------|-------------------------|-------------|-------------------|----------------------------------|------------------------------------|----------------------------------|--|-------------------------|------|------|
| | | | | | | | | | IP20 | IP65 | IP68 |
| 0.75 Static White Series 2 | 1.97 in. (50 mm) | 48 LEDs/ft (160 LEDs/m) | 1800K | 84 | 58 lm/ft (190.3 lm/m) | 53.6 lm/ft (175.8 lm/m) | 44.1 lm/ft (144.6 lm/m) | IP20: 49 ft (15 m) IP65/ IP68: 32.8 ft (10 m) | ✓ | ✓ | ✓ |
| | | | 2000K | 99 | 68.3 lm/ft (224 lm/m) | 63.1 lm/ft (207 lm/m) | 52 lm/ft (170.6 lm/m) | | | | |
| | | | 2200K | 109 | 75.2 lm/ft (246.7 lm/m) | 69.5 lm/ft (228 lm/m) | 57.2 lm/ft (187.6 lm/m) | | | | |
| | | | 2400K | 113 | 78 lm/ft (255.8 lm/m) | 72.0 lm/ft (236.2 lm/m) | 59.3 lm/ft (194.5 lm/m) | | | | |
| | | | 2700K | 123 | 84.9 lm/ft (278.5 lm/m) | 78.4 lm/ft (257.2 lm/m) | 64.6 lm/ft (211.9 lm/m) | | | | |
| | | | 3000K | 123 | 84.9 lm/ft (278.5 lm/m) | 78.4 lm/ft (257.2 lm/m) | 64.6 lm/ft (211.9 lm/m) | | | | |
| | | | 3500K | 130 | 89.7 lm/ft (294.2 lm/m) | 82.9 lm/ft (272 lm/m) | 68.3 lm/ft (224 lm/m) | | | | |
| | | | 4000K | 134 | 92.5 lm/ft (303.4 lm/m) | 85.4 lm/ft (280.1 lm/m) | 70.4 lm/ft (230.9 lm/m) | | | | |
| | | | 6000K | 131 | 90.4 lm/ft (296.5 lm/m) | 83.5 lm/ft (273.9 lm/m) | 68.8 lm/ft (225.7 lm/m) | | | | |
| 1.5 Static White Series 2 | 1.97 in. (50 mm) | 48 LEDs/ft (160 LEDs/m) | 1800K | 84 | 115.9 lm/ft (380.2 lm/m) | 107.1 lm/ft (351.3 lm/m) | 88.2 lm/ft (289.3 lm/m) | IP20: 49 ft (15 m) IP65/ IP68: 32.8 ft (10 m) | ✓ | ✓ | ✓ |
| | | | 2000K | 98 | 135.2 lm/ft (443.5 lm/m) | 125 lm/ft (410 lm/m) | 102.9 lm/ft (337.5 lm/m) | | | | |
| | | | 2200K | 109 | 150.4 lm/ft (493.3 lm/m) | 139 lm/ft (455.9 lm/m) | 114.5 lm/ft (375.6 lm/m) | | | | |
| | | | 2400K | 113 | 155.9 lm/ft (511.4 lm/m) | 144.1 lm/ft (472.6 lm/m) | 118.7 lm/ft (389.3 lm/m) | | | | |
| | | | 2700K | 123 | 169.7 lm/ft (556.6 lm/m) | 156.8 lm/ft (514.3 lm/m) | 129.2 lm/ft (423.8 lm/m) | | | | |
| | | | 3000K | 123 | 169.7 lm/ft (556.6 lm/m) | 156.8 lm/ft (514.3 lm/m) | 129.2 lm/ft (423.8 lm/m) | | | | |
| | | | 3500K | 129 | 178 lm/ft (583.8 lm/m) | 164.5 lm/ft (539.6 lm/m) | 135.5 lm/ft (444.4 lm/m) | | | | |
| | | | 4000K | 134 | 184.9 lm/ft (606.5 lm/m) | 170.9 lm/ft (560.6 lm/m) | 140.7 lm/ft (461.5 lm/m) | | | | |
| | | | 6000K | 131 | 180.8 lm/ft (593 lm/m) | 167 lm/ft (547.8 lm/m) | 137.6 lm/ft (451.3 lm/m) | | | | |
| 2.2 Static White Series 2 | 1.97 in. (50 mm) | 48 LEDs/ft (160 LEDs/m) | 1800K | 83 | 168 lm/ft (551 lm/m) | 155.2 lm/ft (509.1 lm/m) | 127.8 lm/ft (419.2 lm/m) | IP20: 42 ft (12.8 m) IP65/ IP68: 32.8 ft (10 m) | ✓ | ✓ | ✓ |
| | | | 2000K | 96 | 194.3 lm/ft (637.3 lm/m) | 179.5 lm/ft (588.8 lm/m) | 147.8 lm/ft (484.8 lm/m) | | | | |
| | | | 2200K | 106 | 214.5 lm/ft (703.6 lm/m) | 198.2 lm/ft (650.1 lm/m) | 163.2 lm/ft (535.3 lm/m) | | | | |
| | | | 2400K | 111 | 224.7 lm/ft (737 lm/m) | 207.6 lm/ft (680.9 lm/m) | 170.9 lm/ft (560.6 lm/m) | | | | |
| | | | 2700K | 120 | 242.9 lm/ft (796.7 lm/m) | 224.4 lm/ft (736 lm/m) | 184.8 lm/ft (606.1 lm/m) | | | | |
| | | | 3000K | 122 | 246.9 lm/ft (809.8 lm/m) | 228.1 lm/ft (748.2 lm/m) | 187.9 lm/ft (616.3 lm/m) | | | | |
| | | | 3500K | 127 | 257 lm/ft (843 lm/m) | 237.5 lm/ft (779 lm/m) | 195.6 lm/ft (641.6 lm/m) | | | | |
| | | | 4000K | 133 | 269.2 lm/ft (883 lm/m) | 248.7 lm/ft (779 lm/m) | 204.8 lm/ft (671.7 lm/m) | | | | |
| | | | 6000K | 128 | 259.1 lm/ft (849.8 lm/m) | 239.4 lm/ft (785.2 lm/m) | 197.1 lm/ft (646.5 lm/m) | | | | |
| 3.0 Static White Series 2 | 1.97 in. (50 mm) | 48 LEDs/ft (160 LEDs/m) | 2400K | 109.8 | 303.1 lm/ft (994.1 lm/m) | 280.1 lm/ft (918.6 lm/m) | 230.6 lm/ft (756.5 lm/m) | IP20: 36 ft (11 m) IP65/ IP68: 32.8 ft (10 m) | ✓ | ✓ | ✓ |
| | | | 2700K | 122.9 | 339.6 lm/ft (1114 lm/m) | 313.5 lm/ft (1028.1 lm/m) | 258.1 lm/ft (846.7 lm/m) | | | | |
| | | | 3000K | 130 | 359.1 lm/ft (1177.9 lm/m) | 331.4 lm/ft (1087.1 lm/m) | 273 lm/ft (895.3 lm/m) | | | | |
| | | | 3500K | 133 | 367.5 lm/ft (1205.3 lm/m) | 339.2 lm/ft (1112.4 lm/m) | 279.3 lm/ft (916.1 lm/m) | | | | |
| | | | 4000K | 133 | 367.5 lm/ft (1205.3 lm/m) | 339.2 lm/ft (1112.4 lm/m) | 279.3 lm/ft (916.1 lm/m) | | | | |
| | | | 6000K | 127 | 350.8 lm/ft (1150.5 lm/m) | 323.7 lm/ft (1061.8 lm/m) | 266.6 lm/ft (874.5 lm/m) | | | | |
| 4.4 Static White Series 2 | 1.97 in. (50 mm) | 48 LEDs/ft (160 LEDs/m) | 2400K | 109 | 441.2 lm/ft (1447 lm/m) | 407.7 lm/ft (1337.1 lm/m) | 335.7 lm/ft (1101.2 lm/m) | 28 ft 4 in. (8.64 m) | ✓ | ✓ | ✓ |
| | | | 2700K | 122 | 494.4 lm/ft (1621.6 lm/m) | 456.3 lm/ft (1496.6 lm/m) | 375.8 lm/ft (1232.5 lm/m) | | | | |
| | | | 3000K | 129 | 522.8 lm/ft (1714.7 lm/m) | 482.5 lm/ft (1582.5 lm/m) | 397.3 lm/ft (1303.2 lm/m) | | | | |
| | | | 3500K | 132 | 534.9 lm/ft (1754.5 lm/m) | 493.7 lm/ft (1619.3 lm/m) | 406.6 lm/ft (1333.5 lm/m) | | | | |
| | | | 4000K | 132 | 534.9 lm/ft (1754.5 lm/m) | 493.7 lm/ft (1619.3 lm/m) | 406.6 lm/ft (1333.5 lm/m) | | | | |
| | | | 6000K | 126 | 510.6 lm/ft (1674.8 lm/m) | 471.2 lm/ft (1545.7 lm/m) | 388.1 lm/ft (1272.9 lm/m) | | | | |
| 5.0 Static White Series 2 | 1.4 in. (35.7 mm) | 68 LEDs/ft (224 LEDs/m) | 2400K | 109.8 | 505.1 lm/ft (1656.8 lm/m) | 466.8 lm/ft (1531 lm/m) | 384.4 lm/ft (1260.8 lm/m) | IP20: 33 ft 4 in. (10.1 m) IP65/ IP68: 32.8 ft (10 m) | ✓ | ✓ | ✓ |
| | | | 2700K | 122.9 | 566.1 lm/ft (1856.7 lm/m) | 522.4 lm/ft (1713.6 lm/m) | 430.2 lm/ft (1411.2 lm/m) | | | | |
| | | | 3000K | 130 | 598.5 lm/ft (1963.2 lm/m) | 552.4 lm/ft (1811.9 lm/m) | 454.9 lm/ft (1492.1 lm/m) | | | | |
| | | | 3500K | 133 | 612.5 lm/ft (2008.9 lm/m) | 565.3 lm/ft (1854 lm/m) | 465.5 lm/ft (1526.8 lm/m) | | | | |
| | | | 4000K | 133 | 612.5 lm/ft (2008.9 lm/m) | 565.3 lm/ft (1854 lm/m) | 465.5 lm/ft (1526.8 lm/m) | | | | |
| | | | 6000K | 127 | 584.6 lm/ft (1917.6 lm/m) | 539.6 lm/ft (1769.7 lm/m) | 444.3 lm/ft (1457.4 lm/m) | | | | |
| 6.0 Static White Series 2 | 1.4 in. (35.7 mm) | 68 LEDs/ft (224 LEDs/m) | 2400K | 109 | 601.6 lm/ft (1973.2 lm/m) | 555.9 lm/ft (1823.4 lm/m) | 457.8 lm/ft (1501.6 lm/m) | 28 ft (8.5 m) | ✓ | ✓ | ✓ |
| | | | 2700K | 122 | 674.2 lm/ft (2211.3 lm/m) | 622.2 lm/ft (2040.8 lm/m) | 512.4 lm/ft (1680.7 lm/m) | | | | |
| | | | 3000K | 129 | 712.9 lm/ft (2338.2 lm/m) | 657.9 lm/ft (2157.9 lm/m) | 541.8 lm/ft (1777.1 lm/m) | | | | |
| | | | 3500K | 132 | 729.4 lm/ft (2392.5 lm/m) | 673.2 lm/ft (2208.1 lm/m) | 554.4 lm/ft (1818.4 lm/m) | | | | |
| | | | 4000K | 132 | 729.4 lm/ft (2392.5 lm/m) | 673.2 lm/ft (2208.1 lm/m) | 554.4 lm/ft (1818.4 lm/m) | | | | |
| | | | 6000K | 126 | 696.3 lm/ft (2283.8 lm/m) | 642.6 lm/ft (2107.7 lm/m) | 529.2 lm/ft (1735.8 lm/m) | | | | |

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 | | |
|----------------------------|---------------------|--------------------------|---------------|-------------------|----------------------------------|------------------------------------|----------------------------------|--|-------------------------|------|------|
| | | | | | | | | | IP20 | IP65 | IP68 |
| 0.75 Static Color Series 2 | 1.97 in. (50 mm) | 48 LEDs/ft (160 LEDs/m) | Red | 41 | 28 lm/ft (93 lm/m) | 26 lm/ft (86 lm/m) | 22 lm/ft (70.6 lm/m) | IP20: 49 ft (15 m) IP65/ IP68: 32.8 ft (10 m) | ✓ | ✓ | ✓ |
| | | | Green | 175 | 121 lm/ft (396 lm/m) | 112 lm/ft (366 lm/m) | 92 lm/ft (301.4 lm/m) | | | | |
| | | | Blue | 19 | 13 lm/ft (43 lm/m) | 12 lm/ft (40 lm/m) | 10 lm/ft (32.7 lm/m) | | | | |
| | | | Amber | 34 | 23 lm/ft (77 lm/m) | 22 lm/ft (71 lm/m) | 18 lm/ft (58.6 lm/m) | | | | |
| 1.5 Static Color Series 2 | 1.97 in. (50 mm) | 48 LEDs/ft (160 LEDs/m) | Red | 42 | 58 lm/ft (190 lm/m) | 54 lm/ft (176 lm/m) | 44 lm/ft (144.7 lm/m) | IP20: 49 ft (15 m) IP65/ IP68: 32.8 ft (10 m) | ✓ | ✓ | ✓ |
| | | | Green | 160 | 221 lm/ft (724 lm/m) | 204 lm/ft (669 lm/m) | 168 lm/ft (551.1 lm/m) | | | | |
| | | | Blue | 18 | 25 lm/ft (81 lm/m) | 23 lm/ft (75 lm/m) | 19 lm/ft (62 lm/m) | | | | |
| | | | Amber | 34 | 47 lm/ft (154 lm/m) | 43 lm/ft (142 lm/m) | 36 lm/ft (117.1 lm/m) | | | | |
| 2.2 Static Color Series 2 | 1.97 in. (50 mm) | 48 LEDs/ft (160 LEDs/m) | Red | 42 | 85 lm/ft (279 lm/m) | 79 lm/ft (258 lm/m) | 65 lm/ft (212.2 lm/m) | IP20: 42 ft (12.8 m) IP65/ IP68: 32.8 ft (10 m) | ✓ | ✓ | ✓ |
| | | | Green | 145 | 293 lm/ft (963 lm/m) | 271 lm/ft (889 lm/m) | 223 lm/ft (732.4 lm/m) | | | | |
| | | | Blue | 18 | 36 lm/ft (119 lm/m) | 34 lm/ft (110 lm/m) | 28 lm/ft (90.9 lm/m) | | | | |
| | | | Amber | 33 | 67 lm/ft (219 lm/m) | 62 lm/ft (202 lm/m) | 51 lm/ft (166.7 lm/m) | | | | |
| 3.0 Static Color Series 2 | 1.97 in. (50 mm) | 48 LEDs/ft (160 LEDs/m) | Red | 40.0 | 110.4 lm/ft (362.1 lm/m) | 102.0 lm/ft (334.6 lm/m) | 84.0 lm/ft (275.52 lm/m) | 32.8 ft (10 m) | ✓ | ✓ | ✓ |
| | | | Green | 127.0 | 350.9 lm/ft (1151.0 lm/m) | 323.9 lm/ft (1062.2 lm/m) | 266.7 lm/ft (874.776 lm/m) | | | | |
| | | | Blue | 25.0 | 69.1 lm/ft (226.6 lm/m) | 63.8 lm/ft (209.1 lm/m) | 52.5 lm/ft (172.2 lm/m) | | | | |
| | | | Amber | 29.0 | 80.1 lm/ft (262.8 lm/m) | 74.0 lm/ft (242.6 lm/m) | 60.9 lm/ft (199.752 lm/m) | | | | |
| 4.4 Static Color Series 2 | 1.97 in. (50 mm) | 48 LEDs/ft (160 LEDs/m) | Red | 38.0 | 153.8 lm/ft (504.5 lm/m) | 142.1 lm/ft (466.2 lm/m) | 117.0 lm/ft (383.8912 lm/m) | 29 ft (8.8 m) | ✓ | ✓ | ✓ |
| | | | Green | 117.0 | 474.1 lm/ft (1555.1 lm/m) | 437.6 lm/ft (1435.3 lm/m) | 360.4 lm/ft (1181.981 lm/m) | | | | |
| | | | Blue | 24.0 | 97.3 lm/ft (319.0 lm/m) | 89.8 lm/ft (294.4 lm/m) | 73.9 lm/ft (242.4576 lm/m) | | | | |
| | | | Amber | 25.0 | 101.3 lm/ft (332.2 lm/m) | 93.5 lm/ft (306.7 lm/m) | 77.0 lm/ft (252.56 lm/m) | | | | |
| 5.0 Static Color Series 2 | 1.4 in. (35.7 mm) | 68 LEDs/ft (224 LEDs/m) | Red | 37.0 | 170.2 lm/ft (558.2 lm/m) | 157.3 lm/ft (515.8 lm/m) | 129.5 lm/ft (424.76 lm/m) | 30 ft (9.14 m) | ✓ | ✓ | ✓ |
| | | | Green | 116.0 | 534.2 lm/ft (1752.1 lm/m) | 493.0 lm/ft (1617.0 lm/m) | 406.0 lm/ft (1331.68 lm/m) | | | | |
| | | | Blue | 24.0 | 110.5 lm/ft (362.5 lm/m) | 102.0 lm/ft (334.6 lm/m) | 84.0 lm/ft (275.52 lm/m) | | | | |
| | | | Amber | 26.0 | 119.7 lm/ft (392.7 lm/m) | 110.5 lm/ft (362.4 lm/m) | 91.0 lm/ft (298.48 lm/m) | | | | |
| 6.0 Static Color Series 2 | 1.4 in. (35.7 mm) | 68 LEDs/ft (224 LEDs/m) | Red | 37.0 | 204.2 lm/ft (669.8 lm/m) | 188.7 lm/ft (618.9 lm/m) | 155.4 lm/ft (509.712 lm/m) | 28 ft (8.5 m) | ✓ | ✓ | ✓ |
| | | | Green | 113.0 | 624.4 lm/ft (2048.2 lm/m) | 576.3 lm/ft (1890.3 lm/m) | 474.6 lm/ft (1556.688 lm/m) | | | | |
| | | | Blue | 23.0 | 127.1 lm/ft (416.9 lm/m) | 117.3 lm/ft (384.8 lm/m) | 96.6 lm/ft (316.9 lm/m) | | | | |
| | | | Amber | 24.0 | 132.6 lm/ft (435.0 lm/m) | 122.4 lm/ft (401.6 lm/m) | 100.8 lm/ft (330.7 lm/m) | | | | |
| 2.4 Static White Linea | 1.97 in. (50 mm) | 146 LEDs/ft (480 LEDs/m) | 2700K | 67 | 148.1 lm/ft (485.8 lm/m) | 136.9 lm/ft (448.8 lm/m) | 112.7 lm/ft (369.6 lm/m) | 21.3 ft (6.5 m) | ✓ | N/A | N/A |
| | | | 3000K | 71 | 156.4 lm/ft (514.3 lm/m) | 144.5 lm/ft (475.2 lm/m) | 119 lm/ft (391.3 lm/m) | | | | |
| | | | 3500K | 83 | 183.1 lm/ft (601.7 lm/m) | 169.2 lm/ft (555.9 lm/m) | 139.3 lm/ft (457.8 lm/m) | | | | |
| | | | 4000K | 83 | 183.1 lm/ft (601.7 lm/m) | 169.2 lm/ft (555.9 lm/m) | 139.3 lm/ft (457.8 lm/m) | | | | |
| 3.0 Static White Linea | 1.97 in. (50 mm) | 146 LEDs/ft (480 LEDs/m) | 2700K | 66 | 182.2 lm/ft (598 lm/m) | 168.3 lm/ft (552.5 lm/m) | 138.6 lm/ft (455 lm/m) | 21.3 ft (6.5 m) | ✓ | N/A | N/A |
| | | | 3000K | 73 | 201.5 lm/ft (661.5 lm/m) | 186.2 lm/ft (611.2 lm/m) | 153.3 lm/ft (503.3 lm/m) | | | | |
| | | | 3500K | 78 | 215.3 lm/ft (706.6 lm/m) | 198.9 lm/ft (652.8 lm/m) | 163.8 lm/ft (537.6 lm/m) | | | | |
| | | | 4000K | 83 | 229.1 lm/ft (751.6 lm/m) | 211.7 lm/ft (694.5 lm/m) | 174.3 lm/ft (571.9 lm/m) | | | | |
| 4.3 Static White Linea | 1.97 in. (50 mm) | 146 LEDs/ft (480 LEDs/m) | 2700K | 75 | 297.2 lm/ft (973.4 lm/m) | 274.6 lm/ft (899.3 lm/m) | 226.1 lm/ft (740.6 lm/m) | 24.6 ft (7.5 m) | ✓ | N/A | N/A |
| | | | 3000K | 78 | 308.2 lm/ft (1012 lm/m) | 284.8 lm/ft (935 lm/m) | 234.5 lm/ft (770 lm/m) | | | | |
| | | | 3500K | 86 | 340.4 lm/ft (1116.9 lm/m) | 314.5 lm/ft (1031.9 lm/m) | 259 lm/ft (849.8 lm/m) | | | | |
| | | | 4000K | 86 | 340.4 lm/ft (1116.9 lm/m) | 314.5 lm/ft (1031.9 lm/m) | 259 lm/ft (849.8 lm/m) | | | | |
| 6.1 Variable White Linea | 1.09 in. (27.78 mm) | 175 LEDs/ft (576 LEDs/m) | 2700K + 6500K | 95 | 533.6 lm/ft (1750.8 lm/m) | 493 lm/ft (1617.6 lm/m) | 406 lm/ft (1332.1 lm/m) | 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 | | |
|-----------------------------|--------------------|-------------------------|---------------|-------------------|---|---|---|--|-------------------------|------|------|
| | | | | | | | | | IP20 | IP65 | IP68 |
| 1.0 Variable White Series 2 | 1.97 in. (50 mm) | 42 LEDs/ft (140 LEDs/m) | 2000K + 6500K | 85.0 | 78.2 lm/ft (257 lm/m) | 72.3 lm/ft (237 lm/m) | 60 lm/ft (200 lm/m) | 32.8 ft (10 m) | ✓ | ✓ | ✓ |
| 3.0 Variable White Series 2 | 1.97 in. (50 mm) | 42 LEDs/ft (140 LEDs/m) | 2000K + 6500K | 80.0 | 220.8 lm/ft (725 lm/m) | 205.0 lm/ft (670 lm/m) | 168.0 lm/ft (551.2 lm/m) | 32.8 ft (10 m) | ✓ | ✓ | ✓ |
| 6.0 Variable White Series 2 | 1.97 in. (50 mm) | 42 LEDs/ft (140 LEDs/m) | 2000K + 6500K | 75.0 | 415 lm/ft (1,362 lm/m) | 382.5 lm/ft (1255 lm/m) | 315.0 lm/ft (1033.5 lm/m) | 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 lm/ft (617.2 lm/m) All LEDs at 100% | 168.3 lm/ft (552.2 lm/m) All LEDs at 100% | 148.5 lm/ft (487.2 lm/m) All LEDs at 100% | 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 lm/ft (1013.0 lm/m) All LEDs at 100% | 275.8 lm/ft (904.9 lm/m) All LEDs at 100% | 243.3 lm/ft (798.5 lm/m) All LEDs at 100% | IP65: 16 ft 4 in. (5 m) IP68: 19 ft 7.9 in. (6 m) | N/A | ✓ | ✓ |
| 8.8 RGBW Series 2 | 1.97 in. (50 mm) | 36 LEDs/ft (120 LEDs/m) | RGBW | 61 | 510.2 lm/ft (1673.8 lm/m) All LEDs at 100% | 456.3 lm/ft (1497.1 lm/m) All LEDs at 100% | 402.6 lm/ft (1320.9 lm/m) All LEDs at 100% | 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 lm/ft (792.1 lm/m) All LEDs at 100% | 220.7 lm/ft (724.0 lm/m) All LEDs at 100% | 194.7 lm/ft (638.8 lm/m) All LEDs at 100% | 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 lm/ft (1342.6 lm/m) All LEDs at 100% | 374.0 lm/ft (1227.1 lm/m) All LEDs at 100% | 330.0 lm/ft (1082.7 lm/m) All LEDs at 100% | 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 lm/ft (863 lm/m) | 244.8 lm/ft (803 lm/m) | 201.6 lm/ft (661.5 lm/m) | 16 ft 4 in. (5 m) | ✓ | ✓ | ✓ |

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

|  <p>No Visible Diode = N Note: Linea RibbonLyte has no visible diode</p> | | |  <p>With Visible Diode = Y</p> | | | | | | |
|--|----------------------|----------------------|---|-------------------|-------------------|------------------|------------------|----------------------|----------------------|
| Static White & Static Color RibbonLyte | | | Color Changing RibbonLyte | | | | | | |
| 0.75/1.5/2.2 | 3.0/4.4 | 5.0/6.0 | 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 IP68 | IP20 IP65 IP68 | IP20 IP65 IP68 | IP20 | IP65 IP68 | IP20 | IP20 | IP20 | IP20 IP65 IP68 | IP20 IP65 IP68 |
| N | N | N | N | N | N | Y | Y | N | N |

AVAILABLE DRIVERS / CONTROLLERS AND DIMMING OPTIONS / WIRE GAUGE CHART

NON-DIMMING ELECTRONIC DRIVERS ELV & MLV DRIVERS DIMMABLE DALI DRIVERS



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

Part No.:
• DRVW2430 (30 Watt)
• DRVW2460 (60 Watt)
• DRVW2496 (96 Watt)
Output Voltage: 24 VDC
Input Voltage: 120-277 VAC
IP65, dry/damp location
UL Listed



240W, 320W Non-Dimming Electronic Drivers

Part No.:
• DRVW24240 (240 Watt)
• DRVW24320 (320 Watt)
Output Voltage: 24 VDC
Input Voltage: 90-305 VAC
IP65, dry/damp location
UL Recognized



60W, 96W Non-Dimming Compact Drivers

Part No.:
• DRV2460C (60 Watt)
• DRV2496C (96 Watt)
Output Voltage: 24 VDC
Input Voltage: 120-277 VAC
IP20, dry location
UL Class P



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

Part No.:
• DRVW2460ELVMLV (60 Watt)
• DRVW2496ELVMLV (96 Watt)
• DRVW24150ELVMLV (150 Watt)
• DRVW24300ELVMLV (300 Watt)
Line Voltage Dimmable Drivers
Output Voltage: 24 VDC
Input Voltage: 100-277 VAC
IP67, damp/wet location
UL, CE, and CSA Listed



100W 1 Channel, 100W 2 Channel, 150W 4 Channel Dimmable DALI Drivers

Part No.:
• DRV100DALI1CH (100W 1 channel)
• DRV100DALI2CH (100W 2 channel)
• DRV150DALI4CH (150W 4 channel)
Output Voltage: 24 VDC
Input Voltage: 120-277 VAC
IP20, dry location
CE, UL Recognized, FCC, RoHS, SELV

0-10V DRIVERS



0-10V Dimmable Waterproof Drivers

• Part No.: DRVW249610P (96 Watt)
• Part No.: DRVW2428810P (288 Watt)
Output Voltage: 24 VDC (+/- 0.5 V)
Input Voltage: 100-277 VAC
UL wet location
UL Listed



0-10V Dimmable 90W VW/WD Driver

• Part No.: DRVRFWDVW2490120
Output Voltage: 24 VDC
Input Voltage: 100-277 VAC
IP23, dry/damp location
UL Listed

ATHENA WIRELESS COMPATIBLE



94W Athena Wireless Compatible Drivers

• Part No.: DRVW2494ATH1CH (1 channel)
• Part No.: DRVW2494ATH2CH (2 channel)
Output Voltage: 24 VDC
Input Voltage: 100-277 VAC
Dry location
UL Listed

DIMMABLE DALI-2 DRIVERS



96W DIMMABLE DALI-2 DT6 D4I & DALI-2 DT8 D4I Drivers

• Part No.: DRVW2496DALI1CH (1 channel)
• Part No.: DRVW2496DALI2CH (2 channel)
Output Voltage: 24-26 VDC
Input Voltage: 120-277 VAC
IP67, wet location
UL Listed

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



GLASS TOUCH WALL CONTROLLERS
Part No.: AWCRGBWWBK
AWCVWBK



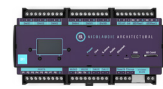
1 ZONE WALL CONTROLLER
Part No.: DMXCTRLG



5 ZONE WALL CONTROLLER
Part No.: DMXCTRL



10 ZONE WALL CONTROLLER
Part No.: DMXCTRLD



2 UNIVERSE DMX CONTROLLER
Part No.: DMXCTRLDR2U
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 INTERFACE
Part No.: DMXINFOLED5



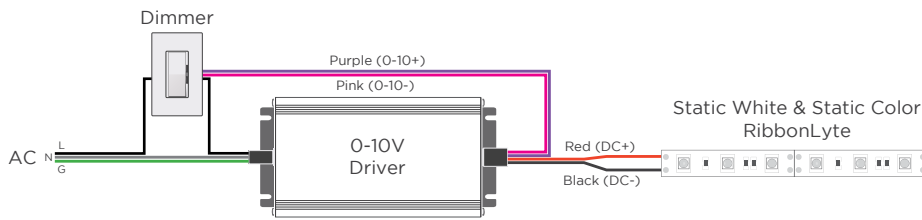
DMX OPTO SPLITTER
Part No.: DMXOS8

DRIVER AND RIBBONLYTE AT FULL LOAD

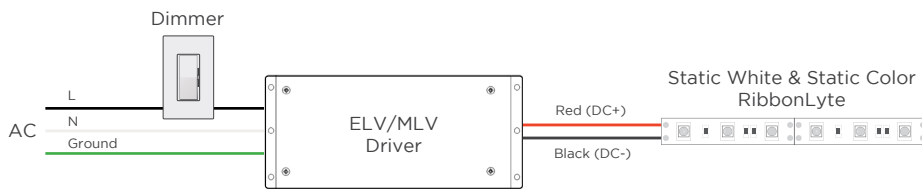
| Wattages | 30 | | 60 | | 96 | | 150 | | 200 | | 240 | | 300 | | 320 | |
|-------------------------------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| | Feet | Meters | Feet | Meters | Feet | Meters | Feet | Meters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

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

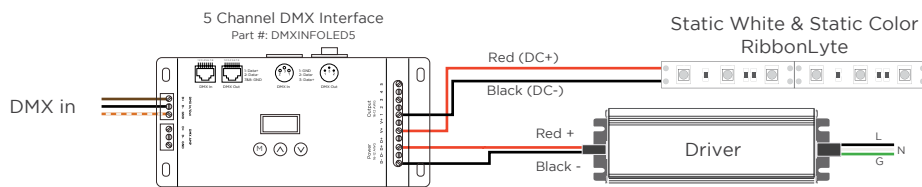
0-10 V



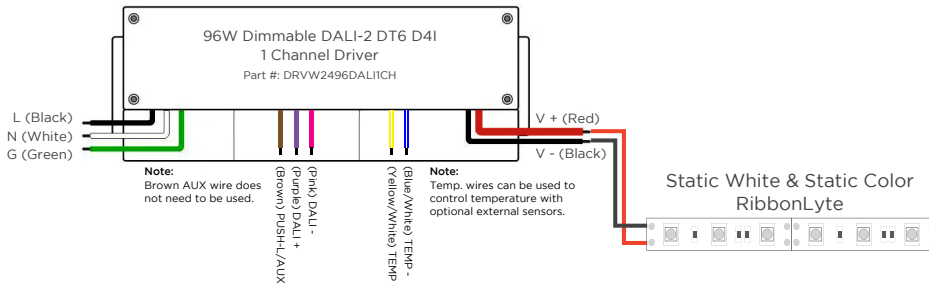
MLV / ELV



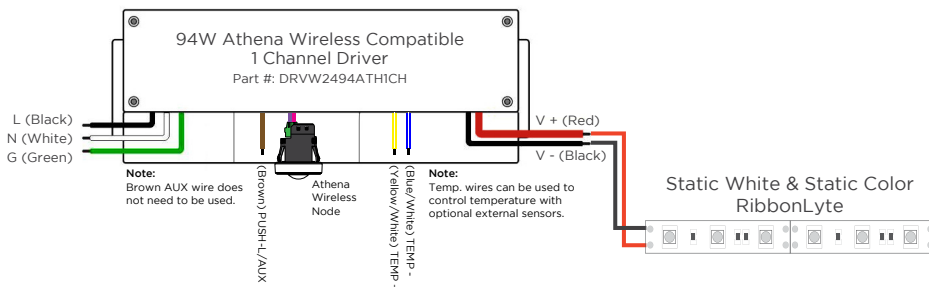
DMX WIRING WITH STATIC WHITE & STATIC COLOR RIBBONLYTE



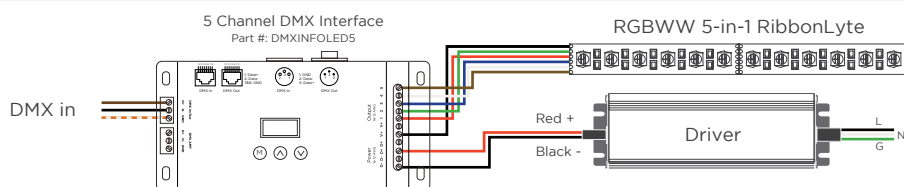
DALI-2 WIRING WITH STATIC WHITE & STATIC COLOR RIBBONLYTE



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

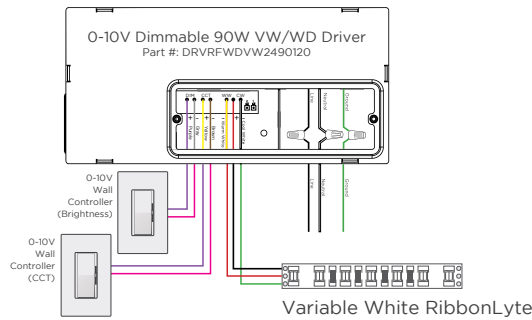
Black Wire (+) Positive
Green Wire (-) goes to Green Channel
Red Wire (-) goes to Red Channel
Blue Wire (-) goes to Blue Channel
White Wire (-) goes to White Channel

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

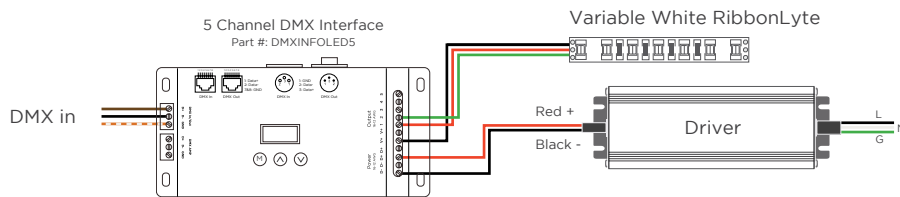
2-CHANNEL VARIABLE WHITE DIMMING



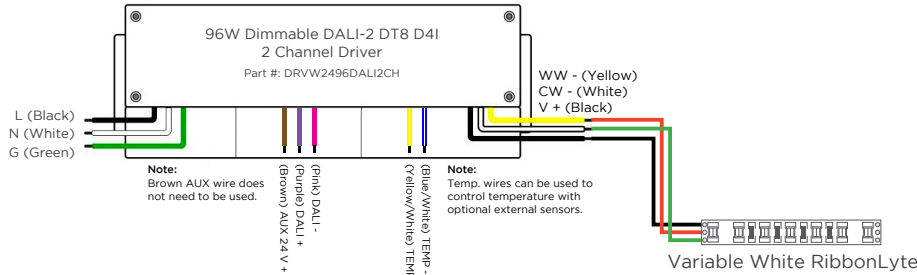
WIRE COLORS PER RIBBONLYTE COLOR

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

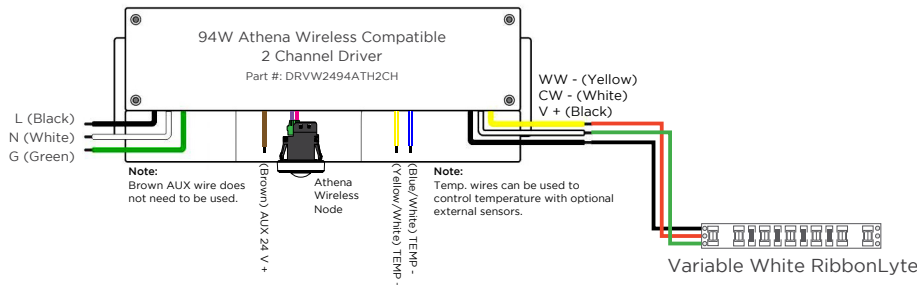
DMX WIRING WITH VARIABLE WHITE RIBBONLYTE



DALI-2 WIRING WITH VARIABLE WHITE RIBBONLYTE



VARIABLE WHITE RIBBONLYTE WIRING WITH ATHENA WIRELESS COMPATIBLE DRIVER



REV.27NOV2024

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