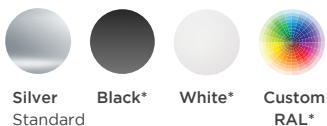


## AS6 CHANNEL FIXTURE

Our AS6 Channel Fixture is a medium width, low profile channel with a 72-degree beam angle ideal for a wide, even spread of light. This channel is ideal for cove and toe kick applications, and can also be used in conjunction with our tiltable stands. The AS6 Channel includes choice of clear, frosted or milky lens. Custom design a fixture with our AS6 Channel and RibbonLyte products.

- Available for field assembly or factory assembly
- Beam Angle 72°
- 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
- Suitable for use in closets with RibbonLyte (6.0 W/ft and less)

## HOUSING FINISHES



Silver  
Standard

Black\*

White\*

Custom  
RAL\*

\*Additional fee applies

## AVAILABLE LENS FINISHES



**Clear Lens**

92% Light Transmission



**Frosted Lens**

85% Light Transmission



**Milky Lens**

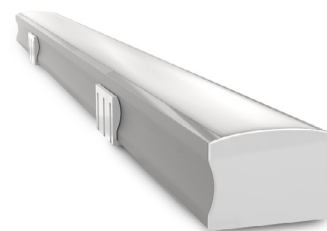
70% Light Transmission

## AVAILABLE COLORS & COLOR TEMPERATURES



## DIMENSIONS

| AS6 Channel                                                                                                               | Mounting Clip (Included Accessory)                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                             |                                                                                                             |
|---------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| <p><b>Width:</b> 0.89 in. (22.5 mm)<br/><b>Height:</b> 0.62 in. (15.7 mm)<br/><b>Internal Width:</b> 0.71 in. (18 mm)</p> | <p><b>Side View</b></p> <p><b>Width:</b> 0.36 in. (9 mm)<br/><b>Length:</b> 1.01 in. (25.7 mm)<br/><b>Height:</b> 0.36 in. (9.14 mm)</p>                                                                                                                                                                                                                                                                                                                                         | <p><b>Top View</b></p> <p><b>Width:</b> 0.35 in. (9 mm)<br/><b>Length:</b> 1.01 in. (25.7 mm)<br/><b>Hole Diameter:</b> 0.16 in. (4 mm)</p> | <p><b>Assembled View</b></p> <p><b>Height:</b> 0.68 in. (17.3 mm)<br/><b>Length:</b> 1.01 in. (25.7 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> |                                                                                                                                             |                                                                                                             |

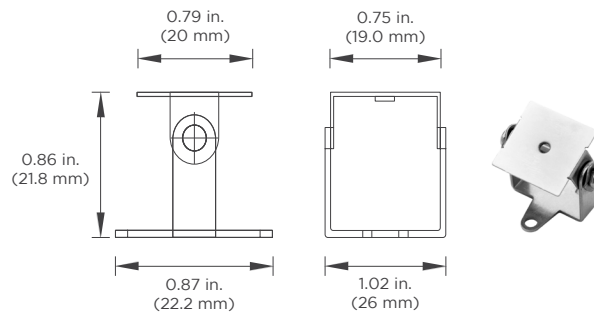


## SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Beam Angle              | 72°                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| 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       | 24V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Dimming                 | MLV / 0-10 Volt / Lutron Hi-Lume 1% dimming LED drivers / Lutron VIVE code compliance available / ELV / DALI / DMX                                                                                                                                                                                                                                                                                                                                                                                              |
| Operating Temperature   | -40° F to 158° F (-40° C to 70° C)                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Colors                  | 1800K, 2000K, 2200K, 2400K, 2700K, 3000K, 3500K, 4000K, 6000K, Red, Amber, Green, Blue, RGBA, RGBW, RGBWW, VW, Warm Dim, RGBW Addressable (1800K, 2000K, 2200K only available in IP20)                                                                                                                                                                                                                                                                                                                          |
| CRI                     | 90+ CRI (Static white only)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Lamp Life               | L70 at 50,000 Hours                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| MacAdam Ellipses (SDCM) | 2-Step Binning (For Static White LEDs only)                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Certifications          | ETL Listed: UL 2108 Issued: 2004/02/27 Ed: 1 Rev: 2014/02/24 Low Voltage Lighting Systems<br>CSA C22.2#9.0 Issued: 1996/06/01 Ed: 1 (R2011) General Requirements for Luminaries;<br>with Gen. Inst. 1: 1997, Gen Inst. 2: 1998. ROHS compliant UL 2108 - Low Voltage Lighting Systems<br>UL 8750 - Light Emitting Diode (LED) Equipment for Use in Lighting Products UL 1598 / CSA 250.0-08 - Luminaires<br>Suitable for use in closets, compliant with NFPA® 70, NEC® Section 410.16 (A)(3) and 410.16 (C)(5). |

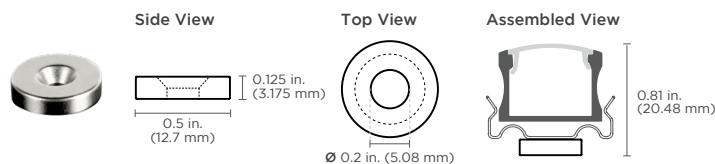
## ACCESSORIES

### Tilttable Stand (Part # TILTSTANDST)



Assembled Height with Channel: 1.54 in. (39.1 mm)

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



#### Features:

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

#### Applications:

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

ORDERING GUIDE

**STEP 1** Complete Channel Part Number

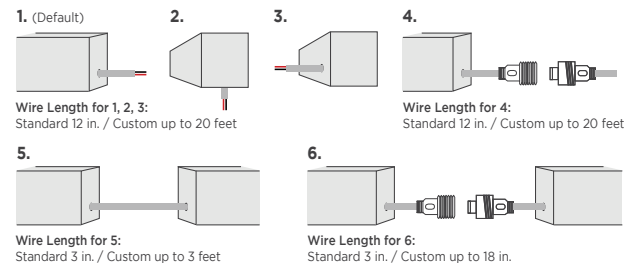
| CHANNEL             | LENS                                              | HOUSING COLOR                                                                                               |
|---------------------|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| <b>CHAS6</b>        |                                                   |                                                                                                             |
| CHAS6 - AS6 Channel | <b>C</b> - Clear Lens*<br><b>F</b> - Frosted Lens | <b>M</b> - Milky Lens<br>* Clear lens is the default option if not specified.                               |
|                     |                                                   | <b>SV</b> - Silver (default)<br><b>BK</b> - Black<br><b>WH</b> - White<br>Consult factory for custom colors |

**STEP 2** Complete RibbonLyte Part Number

| CATEGORY                                                                                               | CRI                              | RIBBON TYPE & IP RATING             |                                            |                           |
|--------------------------------------------------------------------------------------------------------|----------------------------------|-------------------------------------|--------------------------------------------|---------------------------|
| RB                                                                                                     |                                  |                                     |                                            |                           |
| RB - RibbonLyte                                                                                        | 0 - Static Color, Color Changing | SWS220 - Static White Series 2 IP20 | RGBWS220 - RGBW Series 2 IP20              | VWS220 - VW Series 2 IP20 |
|                                                                                                        | 90 - 90+ CRI Static White        | SWS265 - Static White Series 2 IP65 | RGBWS265 - RGBW Series 2 IP65              | VWS265 - VW Series 2 IP65 |
|                                                                                                        |                                  | SWS268 - Static White Series 2 IP68 | RGBWS268 - RGBW Series 2 IP68              | VWS268 - VW Series 2 IP68 |
|                                                                                                        |                                  | SCS220 - Static Color Series 2 IP20 | RGBWW20 - RGBWW 5-in-1 IP20                | WD20 - Warm Dim IP20      |
|                                                                                                        |                                  | SCS265 - Static Color Series 2 IP65 | RGBWA20 - RGBW/A IP20                      | WD65 - Warm Dim IP65      |
|                                                                                                        |                                  | SCS268 - Static Color Series 2 IP68 | RGBWA65 - RGBW/A IP65                      | WD68 - Warm Dim IP68      |
|                                                                                                        |                                  | RGBWADD - Addressable RGBW IP67     | RGBWA68 - RGBW/A IP68                      |                           |
| NOTE: To ensure waterproofing standards are met, IP65 and IP68 RibbonLyte can NOT be cut in the field. |                                  |                                     |                                            |                           |
| WATTAGE                                                                                                |                                  | COLOR                               |                                            |                           |
|                                                                                                        |                                  |                                     |                                            |                           |
| 0.75 - 0.75 W/ft (2.46 W/m - Static White, Static Color)                                               |                                  | 18 - 1800K                          | VW - Variable White                        |                           |
| 1.0 - 1.0 W/ft (3.3 W/m - Variable White)                                                              |                                  | 20 - 2000K                          | RGB27 - Red, Green, Blue + 2700K           |                           |
| 1.5 - 1.5 W/ft (4.9 W/m - Static White, Static Color)                                                  |                                  | 22 - 2200K                          | RGB30 - Red, Green, Blue + 3000K           |                           |
| 2.2 - 2.2 W/ft (7.2 W/m - Static White, Static Color)                                                  |                                  | 24 - 2400K                          | RGB40 - Red, Green, Blue + 4000K           |                           |
| 3.0 - 3.0 W/ft (9.8 W/m - Static White, Static Color, Variable White)                                  |                                  | 27 - 2700K                          | RGB60 - Red, Green, Blue + 6000K           |                           |
| 4.4 - 4.4 W/ft (14.4 W/m - Static White, Static Color, RGBW, RGBWW, RGBA)                              |                                  | 30 - 3000K                          | RGB2465 - Red, Green, Blue + 2400K + 6500K |                           |
| 5.0 - 5.0 W/ft (16.4 W/m - Static White, Static Color)                                                 |                                  | 35 - 3500K                          | RGBA - Red, Green, Blue + Amber            |                           |
| 5.2 - 5.2 W/ft (17.1 W/m - Warm Dim)                                                                   |                                  | 40 - 4000K                          | RGBW30 - RGB + 3000K Addressable           |                           |
| 5.5 - 5.5 W/ft (18.0 W/m - RGBW, RGBA)                                                                 |                                  | 60 - 6000K                          | RGBW40 - RGB + 4000K Addressable           |                           |
| 6.0 - 6.0 W/ft (19.7 W/m - Static White, Static Color, Variable White, RGBW Addressable)               |                                  | R - Red                             | RGBW60 - RGB + 6000K Addressable           |                           |
| 8.8 - 8.8 W/ft (28.9 W/m - RGBW, RGBWW)                                                                |                                  | A - Amber                           | 2920 - Warm Dim 2900K - 2000K (IP20)       |                           |
|                                                                                                        |                                  | G - Green                           | 2721 - Warm Dim 2700K - 2100K (IP65+IP68)  |                           |
|                                                                                                        |                                  | B - Blue                            | 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  | 4 - End Feed with IP67 Male Coupler |                     |
| 2 - Back Feed Bare Wire Connection | 5 - Soldered Daisy Chain            |                     |
| 3 - Side Feed Bare Wire Connection | 6 - Daisy Chain With IP67 Couplers  |                     |



**STEP 3** Complete Assembly Option & Length

| ASSEMBLY OPTION        | LENGTH (Standard factory assembled length up to 78 in. / 2 m)   |
|------------------------|-----------------------------------------------------------------|
| FI - Field Assembly    |                                                                 |
| FA - Factory Assembly* | * Factory assembly is not recommended for exterior applications |

**STEP 4** Add Accessories

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



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 |      |      |
|----------------------------|-------------------|-------------------------|-------------|-------------------|----------------------------------|------------------------------------|----------------------------------|----------------------------------------------------------|-------------------------|------|------|
|                            |                   |                         |             |                   |                                  |                                    |                                  |                                                          | 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)<br>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)<br>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)<br>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)<br>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)<br>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)        |                                                          |                         |      |      |

## RIBBONLYTE SPECIFICATIONS &amp; 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 |
| 6.0 Static White Series 2   | 1.4 in.<br>(35.7 mm) | 68 LEDs/ft<br>(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<br>(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               | 612.5 lm/ft (2008.9 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)        |                                                    |                         |      |      |
| 0.75 Static Color Series 2  | 1.97 in.<br>(50 mm)  | 48 LEDs/ft<br>(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)<br>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.<br>(50 mm)  | 48 LEDs/ft<br>(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)<br>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.<br>(50 mm)  | 48 LEDs/ft<br>(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)<br>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.<br>(50 mm)  | 48 LEDs/ft<br>(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.<br>(50 mm)  | 48 LEDs/ft<br>(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.<br>(35.7 mm) | 68 LEDs/ft<br>(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.<br>(35.7 mm) | 68 LEDs/ft<br>(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)         |                                                    |                         |      |      |
| 1.0 Variable White Series 2 | 1.97 in.<br>(50 mm)  | 42 LEDs/ft<br>(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.<br>(50 mm)  | 42 LEDs/ft<br>(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.<br>(50 mm)  | 42 LEDs/ft<br>(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)        | 32.8 ft (10 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   |
| 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)<br>All LEDs at 100%  | 168.3 lm/ft (552.2 lm/m)<br>All LEDs at 100%   | 148.5 lm/ft (487.2 lm/m)<br>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)<br>All LEDs at 100% | 275.8 lm/ft (904.9 lm/m)<br>All LEDs at 100%   | 243.3 lm/ft (798.5 lm/m)<br>All LEDs at 100%  | IP65:<br>16 ft 4 in. (5 m)<br>IP68:<br>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)<br>All LEDs at 100% | 456.3 lm/ft (1497.1 lm/m)<br>All LEDs at 100%  | 402.6 lm/ft (1320.9 lm/m)<br>All LEDs at 100% | 16 ft 4 in. (5 m)                                          | ✓                       | N/A  | N/A    |
| 4.4 RGBW           | 6.55 in. (166.4 mm) | 18 LEDs/ft (60 LEDs/m)  | RGBW        | 65                | 263.1 lm/ft (863 lm/m)<br>All LEDs at 100%    | 243.95 lm/ft (799.85 lm/m)<br>All LEDs at 100% | 200.9 lm/ft (658.7 lm/m)<br>All LEDs at 100%  | 19 ft 7.9 in. (6 m)                                        | ✓                       | ✓    | ✓      |
| 4.4 RGBA           | 6.55 in. (166.4 mm) | 18 LEDs/ft (60 LEDs/m)  | RGBA        | 33                | 133.6 lm/ft (438.1 lm/m)<br>All LEDs at 100%  | 243.95 lm/ft (799.85 lm/m)<br>All LEDs at 100% | 200.9 lm/ft (658.7 lm/m)<br>All LEDs at 100%  | 19 ft 7.9 in. (6 m)                                        | ✓                       | ✓    | ✓      |
| 5.5 4-in-1 RGBW    | 3.94 in. (100 mm)   | 18 LEDs/ft (60 LEDs/m)  | RGBW        | 51                | 305 lm/ft (1000.3 lm/m)<br>All LEDs at 100%   | 237.15 lm/ft (777.75 lm/m)<br>All LEDs at 100% | 195.3 lm/ft (640.5 lm/m)<br>All LEDs at 100%  | 19 ft 7.9 in. (6 m)                                        | ✓                       | ✓    | ✓      |
| 5.5 4-in-1 RGBA    | 3.94 in. (100 mm)   | 18 LEDs/ft (60 LEDs/m)  | RGBA        | 27                | 161.5 lm/ft (529.6 lm/m)<br>All LEDs at 100%  | 237.15 lm/ft (777.75 lm/m)<br>All LEDs at 100% | 195.3 lm/ft (640.5 lm/m)<br>All LEDs at 100%  | 19 ft 7.9 in. (6 m)                                        | ✓                       | ✓    | ✓      |
| 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)<br>All LEDs at 100%  | 220.7 lm/ft (724.0 lm/m)<br>All LEDs at 100%   | 194.7 lm/ft (638.8 lm/m)<br>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)<br>All LEDs at 100% | 374.0 lm/ft (1227.1 lm/m)<br>All LEDs at 100%  | 330.0 lm/ft (1082.7 lm/m)<br>All LEDs at 100% | 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 lm/ft (101.2 lm/m)                       | 28.5 lm/ft (93.5 lm/m)                         | 23.5 lm/ft (77 lm/m)                          | 16 ft 5.64 in. (5.02 m)                                    | N/A                     | N/A  | ✓ IP67 |
|                    |                     |                         | Green       | 82                | 75.4 lm/ft (247.5 lm/m)                       | 69.7 lm/ft (228.7 lm/m)                        | 57.4 lm/ft (188.3 lm/m)                       |                                                            |                         |      |        |
|                    |                     |                         | Blue        | 15.5              | 14.2 lm/ft (46.7 lm/m)                        | 13.2 lm/ft (43.2 lm/m)                         | 10.8 lm/ft (35.6 lm/m)                        |                                                            |                         |      |        |
|                    |                     |                         | White       | 103               | 94.8 lm/ft (310.9 lm/m)                       | 87.6 lm/ft (287.3 lm/m)                        | 72.1 lm/ft (236.6 lm/m)                       |                                                            |                         |      |        |
|                    |                     |                         | All         | 40                | 222.8 lm/ft (730.8 lm/m)                      | 205.8 lm/ft (675.2 lm/m)                       | 169.5 lm/ft (556.1 lm/m)                      |                                                            |                         |      |        |
| 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 (803.25 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)

|                                                                                                                     |                      |                      |                           |                   |                   |                                                                                                                        |                      |                  |                  |                      |                      |
|---------------------------------------------------------------------------------------------------------------------|----------------------|----------------------|---------------------------|-------------------|-------------------|------------------------------------------------------------------------------------------------------------------------|----------------------|------------------|------------------|----------------------|----------------------|
|  <div>No Visible Diode = N</div> |                      |                      |                           |                   |                   |  <div>With Visible Diode = Y</div> |                      |                  |                  |                      |                      |
| 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 RGBW/A                                                                                                             | 5.5 4-in-1 RGBW/A    | 4.4 5-in-1 RGBWW | 8.8 5-in-1 RGBWW | Warm Dim             | Variable White       |
| IP20<br>IP65<br>IP68                                                                                                | IP20<br>IP65<br>IP68 | IP20<br>IP65<br>IP68 | IP20                      | IP65<br>IP68      | IP20              | IP20<br>IP65<br>IP68                                                                                                   | IP20<br>IP65<br>IP68 | IP20             | IP20             | IP20<br>IP65<br>IP68 | IP20<br>IP65<br>IP68 |
| N                                                                                                                   | N                    | N                    | N                         | N                 | N                 | Y                                                                                                                      | Y                    | Y                | Y                | N                    | N                    |

## AVAILABLE DRIVERS

### NON-DIMMING ELECTRONIC DRIVERS



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

Part No.:

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

Output Voltage: 24 V  
Voltage Range: 120-277 VAC  
IP Rating: Dry or Damp  
UL Listed



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

Part No.:

- DRVW24240 (240 Watt)
- DRVW24320 (320 Watt)

Output Voltage: 24 V  
Voltage Range: 90-305 VAC  
IP Rating: Dry or Damp  
UL Recognized

### ELV & MLV DRIVERS WITH COMPATIBLE DIMMERS



#### 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 V  
Voltage Range: 100-277 VAC  
IP Rating: IP67  
Dimmable  
UL, CE, and CSA Listed



#### LUTRON Skylark Contour Dimmer

Part No.: TRIDIMSKY  
Width: 2.94 in (75 mm)  
Length: 4.69 in (120 mm)  
Depth: 0.30 in (7.6 mm)

- Single pole and 3-way versions
- Compatible with Acolyte MLV drivers
- Slide adjusts brightness and On/Off control
- 30 mA max control current
- Available in white finish



#### LUTRON NOVA-T Dimmer

Part No.: TRIDIMNOVA  
Width: 2.75 in (70 mm)  
Length: 4.56 in (116 mm)  
Depth: 0.30 in (7.6 mm)

- Slide adjusts brightness and On/Off control
- 30 mA max control current
- Available in white finish



#### LUTRON DIVA Dimmer

Part No.: TRIDIMDIVA  
(With Locator Light) TRIDIMDIVAL  
Width: 2.94 in (75 mm)  
Length: 4.69 in (120 mm)  
Depth: 0.30 in (7.6 mm)

- Large paddle switch with a captive linear-slide dimmer
- 30 mA max control current
- Available in white finish
- Available with locator light which glows green when the switch is off

Note: For more options, please reference the Optional Dimmer List on Acolyte product website page.



AVAILABLE DRIVERS / CONTROLLERS AND DIMMING OPTIONS / WIRE GAUGE CHART

0-10V DRIVERS AND DIMMERS



**0-10V Dimmable Waterproof Drivers**

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



**LUTRON DIVA Dimmer**

Part No.: LVDIMDIVA  
Width: 2.94 in (75 mm)  
Length: 4.69 in (120 mm)  
Depth: 0.30 in (7.6 mm)

- Compatible with 0-10 V Dimming Module
- Large paddle switch with a captive linear-slide dimmer
- 30 mA max control current
- Available in white finish



**LUTRON NOVA-T Dimmer**

Part No.: LVDIMNOVA  
Width: 2.75 in (70 mm)  
Length: 4.56 in (116 mm)  
Depth: 0.30 in (7.6 mm)

- Compatible with 0-10 V Dimming Module
- Slide adjusts brightness and On/Off control
- 30 mA max control current
- Available in white finish



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

- Part No.: DRVRFWDVW2490120
- 0-10V Constant Voltage driver
  - Compatible with 0-10V dimming systems
  - Use for Variable White, Warm Dim or Static White
  - No minimum load requirement
  - Driver can be loaded to maximum wattage
  - Meets CEC Title 24 Section JA8 flicker requirements
  - Superior flicker-free dimming to 0.1%
  - UL Listed Class 2 driver
  - Integrated junction box
  - Wiring compartments with knockouts for safety

DMX CONTROLLER AND PART NUMBER - FOR COLOR CHANGING VERSIONS



**GLASS TOUCH WALL CONTROLLERS**

Part Number: AWCRGBWWBK  
AWCVWBK



**1 ZONE WALL CONTROLLER**

Part Number: DMXCTRLG



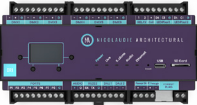
**5 ZONE WALL CONTROLLER**

Part Number: DMXCTRL



**10 ZONE WALL CONTROLLER**

Part Number: DMXCTRLD



**2 UNIVERSE DMX CONTROLLER**

Part Number: DMXCTRLDR2U



**4 CHANNEL WATERPROOF DMX INTERFACE**

Part Number: DMXINFWLCD4



**5 CHANNEL DMX INTERFACE**

Part Number: DMXINFLCD5



**DMX OPTO SPLITTER**

Part Number: DMXOS8

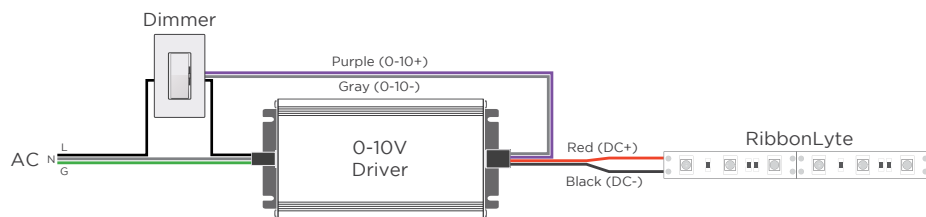
DRIVER AND RIBBONLYTE AT FULL LOAD

| Wattages   | 30   |        | 60   |        | 96   |        | 150  |        | 200  |        | 240  |        | 300  |        | 320  |        |
|------------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| Wire Gauge | Feet | Meters | Feet | Meters | Feet | Meters | Feet | Meters | Feet | Meters | Feet | Meters | Feet | Meters | Feet | Meters |
| 24 AWG     | 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     | 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     | 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     | 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     | 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     | 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     | 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     | 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      | 574  | 175.00 | 381  | 116.16 | 239  | 72.87  | 153  | 46.65  | 115  | 35.06  | 95   | 28.96  | 76   | 23.17  | 71   | 21.65  |

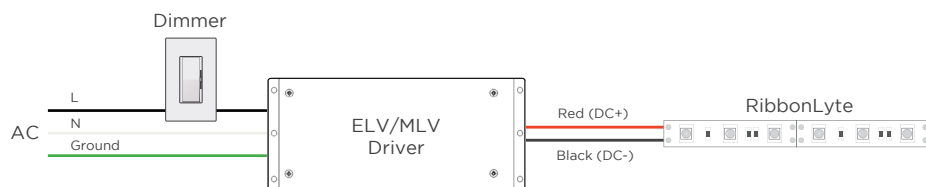


## WIRING DIAGRAMS

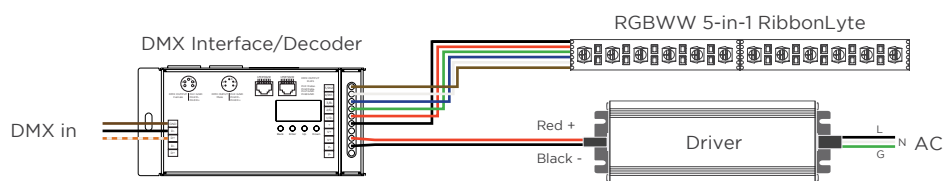
### 0-10V



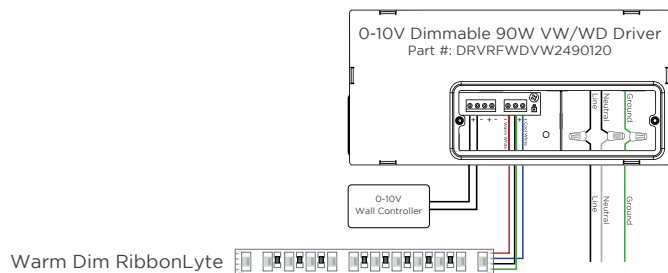
### MLV / ELV



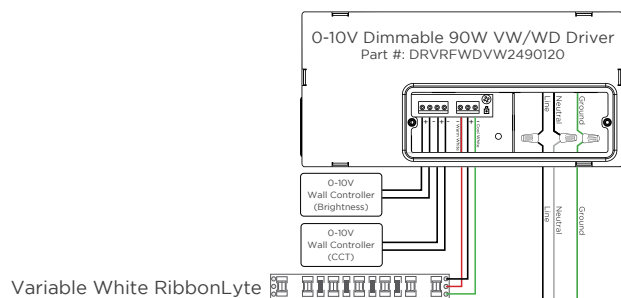
### DMX



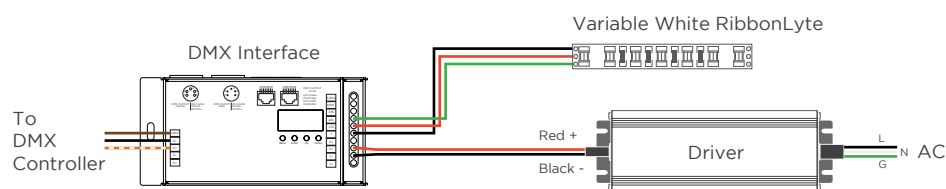
### WARM DIM



### 2-CHANNEL VARIABLE WHITE DIMMING



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



### WIRE COLORS PER RIBBONLYTE COLOR

#### STATIC WHITE + STATIC COLOR

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

#### RGBW + RGBA

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

#### RGBWW

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

#### WARM DIM

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

#### VARIABLE WHITE

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

## WIRING DIAGRAMS WITH RGBW ADDRESSABLE RIBBONLYTE

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

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

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

### WIRE INDEX

GND

+

PI

B-

A+

