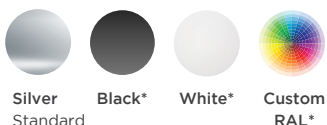


## AC2 CHANNEL FIXTURE

AC2 Channel Fixture is a compact, rounded asymmetrical channel with a 125-degree beam angle ideal for a wide, even spread of light. This channel is designed for corner and angled applications and includes a choice of clear, frosted or milky lens. Custom design a fixture with our AC2 Channel Fixture and RibbonLyte products.

- Available for field assembly or factory assembly
- Beam Angle 125°
- Wattage Range from 0.75 W/ft (2.46 W/m) to 8.8 W/ft (28.9 W/m)
- Static White delivered lumen range from 44.1 lm/ft (144.6 lm/m) up to 729.4 lm/ft (2392.5 lm/m)
- Assembled in USA

## HOUSING FINISHES

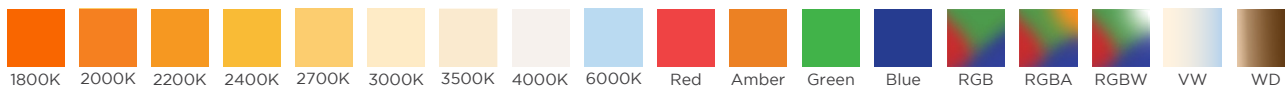


\*Additional fee applies

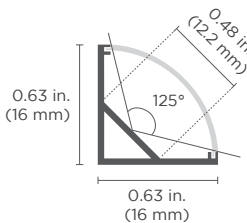
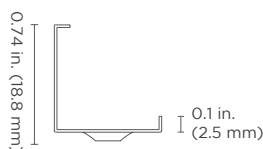
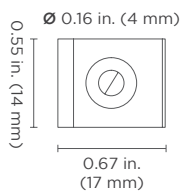
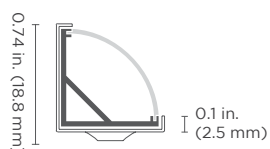
## AVAILABLE LENS FINISHES



## AVAILABLE COLORS & COLOR TEMPERATURES



## DIMENSIONS

| AC2 Channel                                                                                                                                                                                                 | Mounting Clip (Included Accessory)                                                                                                                                                                  |                                                                                      |                                                                                       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|  <p><b>Width:</b> 0.63 in. (16 mm)<br/><b>Height:</b> 0.63 in. (16 mm)<br/><b>Internal Width:</b> 0.48 in. (12.2 mm)</p> | Side View                                                                                                                                                                                           | Top View                                                                             | Assembled View                                                                        |
|                                                                                                                                                                                                             |  <p><b>Width:</b> 0.55 in. (14 mm)<br/><b>Length:</b> 0.67 in. (17 mm)<br/><b>Height:</b> 0.74 in. (18.8 mm)</p> |  |  |

Note: Each section of channel includes 3 mounting clips.

**Note: Exterior channel applications** should be securely attached to the mounting surface with appropriate screws and/or liquid nails. Acolyte strongly recommends field assembly for exterior applications. Use mounting clips for interior applications only.



**SPECIFICATIONS**

|                                |                                                                                                                                                                                                                                        |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Beam Angle</b>              | 125°                                                                                                                                                                                                                                   |
| <b>Lens Type</b>               | Clear Lens, Frosted Lens, Milky Lens                                                                                                                                                                                                   |
| <b>Length</b>                  | Channel is sold by the foot and cut to your exact desired length. Required amount of mounting clips included.                                                                                                                          |
| <b>Operating Voltage</b>       | 24V                                                                                                                                                                                                                                    |
| <b>Dimming</b>                 | MLV / 0-10 Volt / ELV / DALI / DMX                                                                                                                                                                                                     |
| <b>Operating Temperature</b>   | -40° F to 158° F (-40° C to 70° C)                                                                                                                                                                                                     |
| <b>Colors</b>                  | 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)                                                                   |
| <b>CRI</b>                     | 90+ CRI (Static white only)                                                                                                                                                                                                            |
| <b>Lamp Life</b>               | L70 at 50,000 Hours                                                                                                                                                                                                                    |
| <b>MacAdam Ellipses (SDCM)</b> | 2-Step Binning (For Static White LEDs only)                                                                                                                                                                                            |
| <b>Certifications</b>          | UL Listed UL 2108 Issued: 2004/02/27 Ed: 1 Rev: 2014/02/24 Low Voltage Lighting Systems CSA C22.2#9.0 Issued: 1996/06/01 Ed: 1 (R2011) General Requirements for Luminaires; with Gen. Inst. 1: 1997, Gen Inst. 2: 1998. ROHS compliant |

ORDERING GUIDE

**STEP 1** Complete Channel Part Number

| CHANNEL                    | LENS                                                                                   | HOUSING COLOR                |
|----------------------------|----------------------------------------------------------------------------------------|------------------------------|
| <b>CHAC2</b>               |                                                                                        |                              |
| <b>CHAC2</b> - AC2 Channel | <b>C</b> - Clear Lens*                                                                 | <b>SV</b> - Silver (default) |
|                            | <b>F</b> - Frosted Lens                                                                | <b>BK</b> - Black            |
|                            | <b>M</b> - Milky Lens                                                                  | <b>WH</b> - White            |
|                            | * Clear lens is the default option if not specified. Consult factory for custom colors |                              |

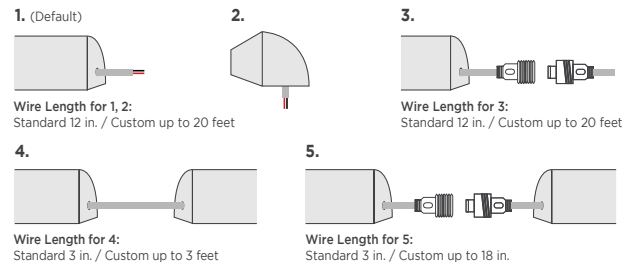
**STEP 2** Complete RibbonLyte Part Number

| CATEGORY                                                                                                      | CRI                                     | RIBBON TYPE & IP RATING                    |                                                        |                                  |
|---------------------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------------|--------------------------------------------------------|----------------------------------|
| <b>RB</b>                                                                                                     |                                         |                                            |                                                        |                                  |
| <b>RB</b> - RibbonLyte                                                                                        | <b>0</b> - Static Color, Color Changing | <b>SWS220</b> - Static White Series 2 IP20 | <b>LINEA20</b> - Linea RibbonLyte IP20                 | <b>VWS220</b> - VW Series 2 IP20 |
|                                                                                                               | <b>90</b> - 90+ CRI Static White        | <b>SWS265</b> - Static White Series 2 IP65 | <b>RGBWW20</b> - RGBWW 5-in-1 IP20                     | <b>VWS265</b> - VW Series 2 IP65 |
|                                                                                                               |                                         | <b>SWS268</b> - Static White Series 2 IP68 | <b>RGBWS220</b> - RGBW Series 2 IP20                   | <b>VWS268</b> - VW Series 2 IP68 |
|                                                                                                               |                                         | <b>SCS220</b> - Static Color Series 2 IP20 | <b>RGBWS265</b> - RGBW Series 2 IP65                   | <b>WD20</b> - Warm Dim IP20      |
|                                                                                                               |                                         | <b>SCS265</b> - Static Color Series 2 IP65 | <b>RGBWA20</b> - RGBW/A IP20                           | <b>WD65</b> - Warm Dim IP65      |
|                                                                                                               |                                         | <b>SCS268</b> - Static Color Series 2 IP68 | <b>RGBWA65</b> - RGBW/A IP65                           |                                  |
| <b>NOTE:</b> To ensure waterproofing standards are met, IP65 and IP68 RibbonLyte can NOT be cut in the field. |                                         |                                            |                                                        |                                  |
| WATTAGE                                                                                                       |                                         | COLOR                                      |                                                        |                                  |
| <b>0.75</b> - 0.75 W/ft (2.46 W/m - Static White, Static Color)                                               |                                         | <b>18</b> - 1800K                          | <b>B</b> - Blue                                        |                                  |
| <b>1.0</b> - 1.0 W/ft (3.3 W/m - Variable White)                                                              |                                         | <b>20</b> - 2000K                          | <b>RGB27</b> - Red, Green, Blue + 2700K                |                                  |
| <b>1.5</b> - 1.5 W/ft (4.9 W/m - Static White, Static Color)                                                  |                                         | <b>22</b> - 2200K                          | <b>RGB30</b> - Red, Green, Blue + 3000K                |                                  |
| <b>2.2</b> - 2.2 W/ft (7.2 W/m - Static White, Static Color)                                                  |                                         | <b>24</b> - 2400K                          | <b>RGB40</b> - Red, Green, Blue + 4000K                |                                  |
| <b>2.4</b> - 2.4 W/ft (8 W/m - Static White)                                                                  |                                         | <b>27</b> - 2700K                          | <b>RGB60</b> - Red, Green, Blue + 6000K                |                                  |
| <b>3.0</b> - 3.0 W/ft (9.8 W/m - Static White, Static Color, Variable White)                                  |                                         | <b>30</b> - 3000K                          | <b>RGB2465</b> - Red, Green, Blue + 2400K + 6500K      |                                  |
| <b>4.3</b> - 4.3 W/ft (14 W/m - Static White)                                                                 |                                         | <b>35</b> - 3500K                          | <b>RGBA</b> - Red, Green, Blue + Amber                 |                                  |
| <b>4.4</b> - 4.4 W/ft (14.4 W/m - Static White, Static Color, RGBW, RGBWW, RGBA)                              |                                         | <b>40</b> - 4000K                          | <b>VW</b> - Variable White                             |                                  |
| <b>5.2</b> - 5.2 W/ft (17.1 W/m - Warm Dim)                                                                   |                                         | <b>60</b> - 6000K                          | <b>2920</b> - Warm Dim 2900K-2000K (IP20)              |                                  |
| <b>5.0</b> - 5.0 W/ft (16.4 W/m - Static White, Static Color)                                                 |                                         | <b>R</b> - Red                             | <b>2721</b> - Warm Dim 2900K-2000K (IP65)              |                                  |
| <b>5.5</b> - 5.5 W/ft (18.0 W/m - RGBW, RGBA)                                                                 |                                         | <b>A</b> - Amber                           | <b>Z</b> - Undecided**                                 |                                  |
| <b>6.0</b> - 6.0 W/ft (19.7 W/m - Static White, Static Color, Variable White)                                 |                                         | <b>G</b> - Green                           | ** For quotes only. Must be chosen before final order. |                                  |
| <b>6.1</b> - 6.1 W/ft (20 W/m - Variable White)                                                               |                                         |                                            |                                                        |                                  |
| <b>8.8</b> - 8.8 W/ft (28.86 W/m - RGBW, RGBWW, RGBA)                                                         |                                         |                                            |                                                        |                                  |

CONNECTION OPTIONS (See diagrams on the right)

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

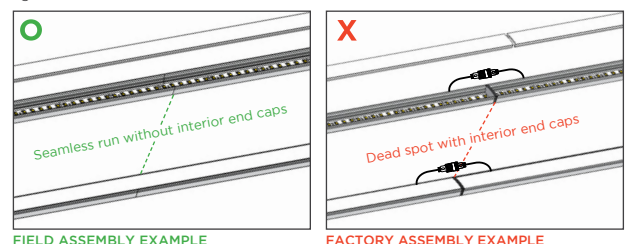
Custom Length (ft.)



**STEP 3** Complete Assembly Option & Length

| ASSEMBLY OPTION                                                                                           | LENGTH (Standard factory assembled length up to 6 ft 6.7 in. / 2 m) |
|-----------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| <b>FI</b> - Field Assembly                                                                                |                                                                     |
| <b>FA</b> - Factory Assembly* (not recommended for exterior applications)                                 |                                                                     |
| * Factory assembled runs exceeding 6 ft 6.7 in. (2 m) will be split into multiple daisy chained fixtures. |                                                                     |

**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.<br>(50 mm)  | 48 LEDs/ft<br>(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:<br>49 ft<br>(15 m)<br><br>IP65/<br>IP68:<br>32.8 ft<br>(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.<br>(50 mm)  | 48 LEDs/ft<br>(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:<br>49 ft<br>(15 m)<br><br>IP65/<br>IP68:<br>32.8 ft<br>(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.<br>(50 mm)  | 48 LEDs/ft<br>(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:<br>42 ft<br>(12.8 m)<br><br>IP65/<br>IP68:<br>32.8 ft<br>(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.<br>(50 mm)  | 48 LEDs/ft<br>(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:<br>36 ft<br>(11 m)<br><br>IP65/<br>IP68:<br>32.8 ft<br>(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.<br>(50 mm)  | 48 LEDs/ft<br>(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.<br>(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.<br>(35.7 mm) | 68 LEDs/ft<br>(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:<br>33 ft 4 in.<br>(10.1 m)<br><br>IP65/<br>IP68:<br>32.8 ft<br>(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.<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)        |                                                                             |                         |      |      |



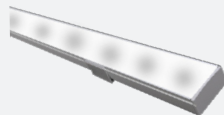
RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

| 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)<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. (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)<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. (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)<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. (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          | 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 |
| 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)                     | 32.8 ft (10 m)                                             | ✓                       | ✓    | ✓    |
| 4.4 RGBW Series 2           | 1.97 in. (50 mm)    | 36 LEDs/ft (120 LEDs/m) | RGBW          | 45                | 178.2 lm/ft (584.5 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 7.9 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                | 292 lm/ft (957.9 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                | 483.1 lm/ft (1584.6 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                | 233.6 lm/ft (766.3 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                | 396 lm/ft (1298.9 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  |
| 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>Note: Linea RibbonLyte has no visible diode</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 | IP20                                                                                                                   | IP65              | IP20              | IP20<br>IP65 | IP20<br>IP65      | IP20             | IP20             | IP20<br>IP65 | IP20<br>IP65<br>IP68 |
| N                                                                                                                                                                          | N                    | N            | Y                                                                                                                      | Y                 | Y                 | Y            | Y                 | Y                | Y                | Y            | Y                    |

AVAILABLE DRIVERS / CONTROLLERS AND DIMMING OPTIONS / WIRE GAUGE CHART

NON-DIMMING ELECTRONIC DRIVERS



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

Part No.:  
• DRVW2430 (30 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



**60W, 96W, 150W, 300W, 600W\_test**  
**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  
UL, CE, and CSA Listed

0-10V DRIVERS



**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



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

Part No.: DRVRFWDVW2490120

DMX CONTROLLER AND PART NUMBER - FOR COLOR CHANGING VERSIONS



**GLASS TOUCH**  
**WALL CONTROLLERS**  
Part Number: AWCRGBWWBK  
AWCVWBK



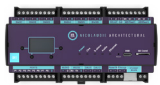
**1 ZONE WALL CONTROLLER**  
Part Number: DMXCTRLG



**5 ZONE WALL CONTROLLER**  
Part Number: DMXCTRL



**10 ZONE WALL CONTROLLER**  
Part Number: DMXCTRLD



**2 UNIVERSE DMX CONTROLLER**  
Part Number: DMXCTRLDR2U

**6 UNIVERSE DMX CONTROLLER**  
Part Number: DMXCTRLDR6U



**4 CHANNEL WATERPROOF**  
**DMX INTERFACE**  
Part Number: DMXINFWLCD4



**5 CHANNEL**  
**DMX INTERFACE**  
Part Number: DMXINFOLED5



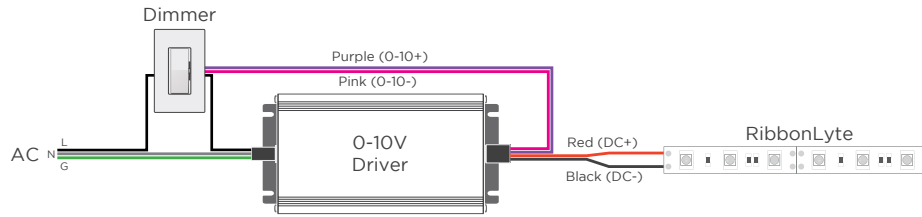
**DMX OPTO SPLITTER**  
Part Number: DMXOS8

DRIVER AND RIBBONLYTE AT FULL LOAD

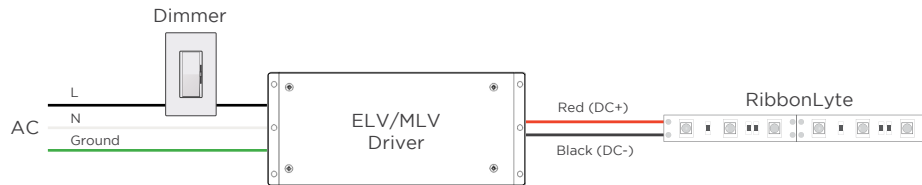
| Wattages   | 30   |        | 60   |        | 96   |        | 150  |        | 200  |        | 240  |        | 300  |        | 320  |        |
|------------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| Wire Gauge |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

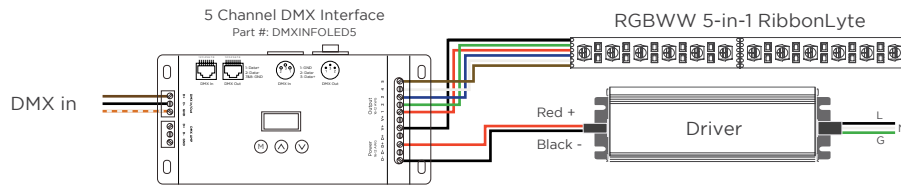
### 0-10V



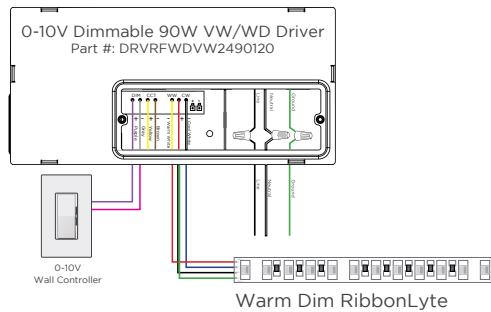
### MLV / ELV



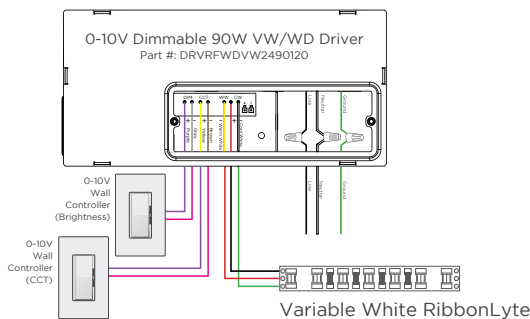
### DMX



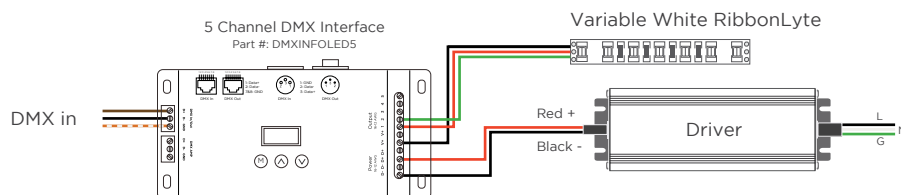
### WARM DIM



### 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  
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

#### 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