

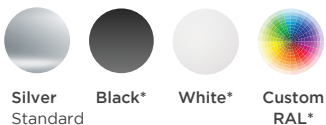
## AS10 CHANNEL FIXTURE

AS10 Channel is a surface mounted aluminum extrusion that offers clear or milky lens options. With a beam angle of 110 degrees, AS10 Channel fits RibbonLyte strips with a maximum width up to 0.39 in. (10 mm).

- Available for field assembly or factory assembly
- 0.47 in. (12 mm) wide by 0.47 in. (12 mm) deep
- Beam angle 110°
- Wattage Range from 0.75 W/ft (2.46 W/m) to 6.0 W/ft (19.7 W/m)
- Static White delivered lumen range from 47 lm/ft (155 lm/m) up to 540 lm/ft (1772 lm/m)
- Clear Lens or Milky Lens
- Suitable for use in closets with RibbonLyte (6.0 W/ft and less)

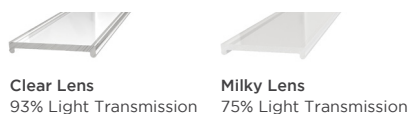


## HOUSING FINISHES

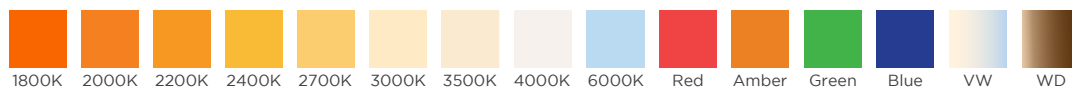


\*Additional fee applies

## LENS FINISHES



## AVAILABLE COLORS & COLOR TEMPERATURES



## DIMENSIONS

| AS10 Channel                                                                                                                          | Mounting Clip (included accessory)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Width: 0.47 in. (12 mm)<br/>Height: 0.47 in. (12 mm)<br/>Internal Width: 0.39 in. (10 mm)<br/>Internal Height: 0.31 in. (8 mm)</p> | <p>Side View<br/>0.52 in. (13.1 mm)<br/>0.2 in. (5 mm)<br/>Width: 0.52 in. (13.1 mm)<br/>Length: 0.63 in. (16 mm)</p> <p>Top View<br/>0.63 in. (16 mm)<br/>0.52 in. (13.1 mm)</p> <p>Assembled View<br/>Option 1: 0.57 in. (14.4 mm)<br/>Option 2: 0.51 in. (13 mm)<br/>Width: 0.52 in. (13.1 mm)<br/>Height (option 1): 0.57 in. (14.4 mm)<br/>Height (option 2): 0.51 in. (13 mm)</p> <p><b>Note:</b></p> <ol style="list-style-type: none"> <li>1. <b>Magnetic mounting</b> option available (see page 2)</li> <li>2. <b>Exterior channel applications</b> should be securely attached to the mounting surface with appropriate screws and/or liquid nails. Acolyte strongly recommends field assembly for exterior applications. Use mounting clips for interior applications only.</li> </ol> |

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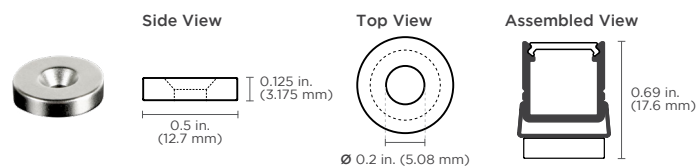
## SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Beam Angle              | 110°                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Lens Type               | Clear Slide-in Lens, Frosted Slide-in Lens, Milky Slide-in Lens, Clear Click-in Lens, Milky Click-in 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 & Hi-Lume Premier 0.1% L3DO LED drivers / Lutron VIVE code compliance available / ELV / DALI                                                                                                                                                                                                                                                                                                                                                                        |
| 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, VW<br>(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 Luminaires;<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 (SEE PART NUMBERS AT STEP 4 ON PAGE 3)

| Tilttable Stand                                                                                                                      | End Caps                                          |
|--------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| <p>Assembled Height with Channel (Option 1): 1.43 in. (36.2 mm)<br/>Assembled Height with Channel (Option 2): 1.37 in. (34.8 mm)</p> | <p>End Cap without hole<br/>End Cap with hole</p> |

### 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 |                                   |
|-----------------------|----------------|---------------|-----------------------------------|
| CHAS10                |                |               |                                   |
| CHAS10 - AS10 Channel | C - Clear Lens | SV - Silver   | WH - White                        |
|                       | M - Milky Lens | BK - Black    | Consult factory for custom colors |

**STEP 2** Complete RibbonLyte Part Number

| CATEGORY        | CRI                              | RIBBON TYPE & IP RATING             |                           |
|-----------------|----------------------------------|-------------------------------------|---------------------------|
| RB              |                                  |                                     |                           |
| RB - RibbonLyte | 0 - Static Color, Color Changing | SWS220 - Static White Series 2 IP20 | VWS220 - VW Series 2 IP20 |
|                 | 90 - 90+ CRI Static White        | SWS265 - Static White Series 2 IP65 | VWS265 - VW Series 2 IP65 |
|                 |                                  | SCS220 - Static Color Series 2 IP20 |                           |
|                 |                                  | SCS265 - Static Color Series 2 IP65 |                           |

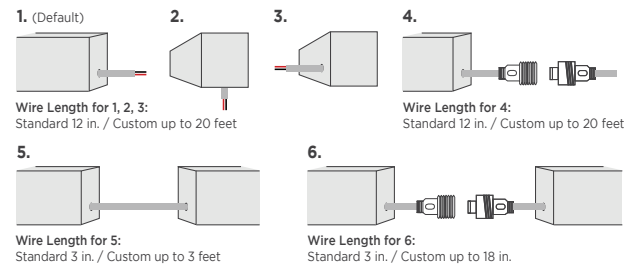
**NOTE:** To ensure waterproofing standards are met, IP65 RibbonLyte can NOT be cut in the field.

| WATTAGE                                                               | COLOR                                                             |
|-----------------------------------------------------------------------|-------------------------------------------------------------------|
| 0.75 - 0.75 W/ft (2.46 W/m - Static White, Static Color)              | 18 - 1800K R - Red                                                |
| 1.0 - 1.0 W/ft (3.3 W/m - Variable White)                             | 20 - 2000K A - Amber                                              |
| 1.5 - 1.5 W/ft (4.9 W/m - Static White, Static Color)                 | 22 - 2200K G - Green                                              |
| 2.2 - 2.2 W/ft (7.2 W/m - Static White, Static Color)                 | 24 - 2400K B - Blue                                               |
| 3.0 - 3.0 W/ft (9.8 W/m - Static White, Static Color, Variable White) | 27 - 2700K VW - Variable White                                    |
| 4.4 - 4.4 W/ft (14.4 W/m - Static White, Static Color)                | 30 - 3000K Z - Undecided**                                        |
| 6.0 - 6.0 W/ft (19.7 W/m - Variable White)                            | 35 - 3500K ** For quotes only. Must be chosen before final order. |
|                                                                       | 40 - 4000K                                                        |
|                                                                       | 60 - 6000K                                                        |

CONNECTION OPTIONS (See diagrams on the right)

Custom Length (ft.)

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



**STEP 3** Complete Assembly Option & Length

| ASSEMBLY OPTION        | LENGTH (Standard factory assembled length up to 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 &amp; COMPATIBILITY

| Available Wattages         | Cuttable Length  | LED Pitch               | Color Temperature | lm/W without Lens | Delivered Lumens with Clear Lens (lm/ft / lm/m) | Delivered Lumens with Milky Lens (lm/ft / lm/m) | 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                | 59 / 192                                        | 47 / 155                                        | IP20: 49 ft (15 m)<br>IP65: 32.8 ft (10 m)   | ✓                       | ✓    |      |
|                            |                  |                         | 2000K             | 99                | 69 / 227                                        | 56 / 183                                        |                                              |                         |      |      |
|                            |                  |                         | 2200K             | 109               | 76 / 249                                        | 61 / 201                                        |                                              |                         |      |      |
|                            |                  |                         | 2400K             | 113               | 79 / 259                                        | 64 / 209                                        |                                              |                         |      |      |
|                            |                  |                         | 2700K             | 123               | 86 / 281                                        | 69 / 227                                        |                                              |                         |      |      |
|                            |                  |                         | 3000K             | 123               | 86 / 281                                        | 69 / 227                                        |                                              |                         |      |      |
|                            |                  |                         | 3500K             | 130               | 91 / 297                                        | 73 / 240                                        |                                              |                         |      |      |
|                            |                  |                         | 4000K             | 134               | 93 / 307                                        | 75 / 247                                        |                                              |                         |      |      |
|                            |                  |                         | 6000K             | 131               | 91 / 300                                        | 74 / 242                                        |                                              |                         |      |      |
| 1.5 Static White Series 2  | 1.97 in. (50 mm) | 48 LEDs/ft (160 LEDs/m) | 1800K             | 84                | 117 / 384                                       | 95 / 310                                        | IP20: 49 ft (15 m)<br>IP65: 32.8 ft (10 m)   | ✓                       | ✓    |      |
|                            |                  |                         | 2000K             | 98                | 137 / 449                                       | 110 / 362                                       |                                              |                         |      |      |
|                            |                  |                         | 2200K             | 109               | 152 / 499                                       | 123 / 402                                       |                                              |                         |      |      |
|                            |                  |                         | 2400K             | 113               | 158 / 517                                       | 127 / 417                                       |                                              |                         |      |      |
|                            |                  |                         | 2700K             | 123               | 172 / 563                                       | 138 / 454                                       |                                              |                         |      |      |
|                            |                  |                         | 3000K             | 123               | 172 / 563                                       | 138 / 454                                       |                                              |                         |      |      |
|                            |                  |                         | 3500K             | 129               | 180 / 590                                       | 145 / 476                                       |                                              |                         |      |      |
|                            |                  |                         | 4000K             | 134               | 187 / 613                                       | 151 / 495                                       |                                              |                         |      |      |
|                            |                  |                         | 6000K             | 131               | 183 / 600                                       | 147 / 484                                       |                                              |                         |      |      |
| 2.2 Static White Series 2  | 1.97 in. (50 mm) | 48 LEDs/ft (160 LEDs/m) | 1800K             | 83                | 169.8 / 557                                     | 136.96 / 449                                    | IP20: 42 ft (12.8 m)<br>IP65: 32.8 ft (10 m) | ✓                       | ✓    |      |
|                            |                  |                         | 2000K             | 96                | 196.4 / 644                                     | 158.4 / 520                                     |                                              |                         |      |      |
|                            |                  |                         | 2200K             | 106               | 216.9 / 712                                     | 174.9 / 574                                     |                                              |                         |      |      |
|                            |                  |                         | 2400K             | 111               | 227.1 / 745                                     | 183.15 / 601                                    |                                              |                         |      |      |
|                            |                  |                         | 2700K             | 120               | 245.5 / 806                                     | 198 / 650                                       |                                              |                         |      |      |
|                            |                  |                         | 3000K             | 122               | 249.6 / 819                                     | 201.3 / 660                                     |                                              |                         |      |      |
|                            |                  |                         | 3500K             | 127               | 259.8 / 852                                     | 209.55 / 687                                    |                                              |                         |      |      |
|                            |                  |                         | 4000K             | 133               | 272.1 / 893                                     | 219.45 / 720                                    |                                              |                         |      |      |
|                            |                  |                         | 6000K             | 128               | 261.9 / 859                                     | 211.2 / 693                                     |                                              |                         |      |      |
| 3.0 Static White Series 2  | 1.97 in. (50 mm) | 48 LEDs/ft (160 LEDs/m) | 1800K             | 84                | 234 / 769                                       | 189 / 620                                       | IP20: 36 ft (11 m)<br>IP65: 32.8 ft (10 m)   | ✓                       | ✓    |      |
|                            |                  |                         | 2000K             | 98                | 273 / 897                                       | 221 / 723                                       |                                              |                         |      |      |
|                            |                  |                         | 2200K             | 108               | 301 / 989                                       | 243 / 797                                       |                                              |                         |      |      |
|                            |                  |                         | 2400K             | 109.8             | 306 / 1005                                      | 247 / 811                                       |                                              |                         |      |      |
|                            |                  |                         | 2700K             | 122.9             | 343 / 1125                                      | 277 / 907                                       |                                              |                         |      |      |
|                            |                  |                         | 3000K             | 130               | 363 / 1190                                      | 293 / 960                                       |                                              |                         |      |      |
|                            |                  |                         | 3500K             | 133               | 371 / 1217                                      | 299 / 982                                       |                                              |                         |      |      |
|                            |                  |                         | 4000K             | 133               | 371 / 1217                                      | 299 / 982                                       |                                              |                         |      |      |
|                            |                  |                         | 6000K             | 128               | 357 / 1172                                      | 288 / 945                                       |                                              |                         |      |      |
| 4.4 Static White Series 2  | 1.97 in. (50 mm) | 48 LEDs/ft (160 LEDs/m) | 1800K             | 81                | 331 / 1087                                      | 267 / 877                                       | 28 ft 4 in. (8.64 m)                         | ✓                       | ✓    |      |
|                            |                  |                         | 2000K             | 95                | 389 / 1275                                      | 314 / 1029                                      |                                              |                         |      |      |
|                            |                  |                         | 2200K             | 105               | 430 / 1410                                      | 347 / 1137                                      |                                              |                         |      |      |
|                            |                  |                         | 2400K             | 109               | 446 / 1463                                      | 360 / 1180                                      |                                              |                         |      |      |
|                            |                  |                         | 2700K             | 122               | 499 / 1638                                      | 403 / 1321                                      |                                              |                         |      |      |
|                            |                  |                         | 3000K             | 129               | 528 / 1732                                      | 426 / 1397                                      |                                              |                         |      |      |
|                            |                  |                         | 3500K             | 132               | 540 / 1772                                      | 436 / 1429                                      |                                              |                         |      |      |
|                            |                  |                         | 4000K             | 132               | 540 / 1772                                      | 436 / 1429                                      |                                              |                         |      |      |
|                            |                  |                         | 6000K             | 126               | 516 / 1692                                      | 416 / 1364                                      |                                              |                         |      |      |

RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

| Available Wattages          | Cuttable Length  | LED Pitch               | Color Temperature | lm/W without Lens | Delivered Lumens with Clear Lens (lm/ft / lm/m) | Delivered Lumens with Milky Lens (lm/ft / lm/m) | 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                | 29 / 94                                         | 23 / 76                                         | IP20: 49 ft (15 m)<br>IP65: 32.8 ft (10 m)   | ✓                       | ✓    |      |
|                             |                  |                         | Green             | 175               | 122 / 400                                       | 98 / 323                                        |                                              |                         |      |      |
|                             |                  |                         | Blue              | 19                | 13.3 / 43                                       | 10.69 / 35                                      |                                              |                         |      |      |
|                             |                  |                         | Amber             | 34                | 24 / 78                                         | 19 / 63                                         |                                              |                         |      |      |
| 1.5 Static Color Series 2   | 1.97 in. (50 mm) | 48 LEDs/ft (160 LEDs/m) | Red               | 42                | 59 / 192                                        | 47 / 155                                        | IP20: 49 ft (15 m)<br>IP65: 32.8 ft (10 m)   | ✓                       | ✓    |      |
|                             |                  |                         | Green             | 160               | 223 / 732                                       | 180 / 591                                       |                                              |                         |      |      |
|                             |                  |                         | Blue              | 18                | 25 / 82                                         | 20 / 66                                         |                                              |                         |      |      |
|                             |                  |                         | Amber             | 34                | 47 / 156                                        | 38 / 125                                        |                                              |                         |      |      |
| 2.2 Static Color Series 2   | 1.97 in. (50 mm) | 48 LEDs/ft (160 LEDs/m) | Red               | 42                | 86 / 282                                        | 69 / 277                                        | IP20: 42 ft (12.8 m)<br>IP65: 32.8 ft (10 m) | ✓                       | ✓    |      |
|                             |                  |                         | Green             | 145               | 297 / 973                                       | 239 / 785                                       |                                              |                         |      |      |
|                             |                  |                         | Blue              | 18                | 37 / 121                                        | 30 / 97                                         |                                              |                         |      |      |
|                             |                  |                         | Amber             | 34                | 70 / 228                                        | 56 / 184                                        |                                              |                         |      |      |
| 3.0 Static Color Series 2   | 1.97 in. (50 mm) | 48 LEDs/ft (160 LEDs/m) | Red               | 40                | 112 / 366                                       | 90 / 295                                        | 32.8 ft (10 m)                               | ✓                       | ✓    |      |
|                             |                  |                         | Green             | 127               | 354 / 1162                                      | 286 / 937                                       |                                              |                         |      |      |
|                             |                  |                         | Blue              | 25                | 70 / 229                                        | 56 / 185                                        |                                              |                         |      |      |
|                             |                  |                         | Amber             | 29                | 81 / 265                                        | 65 / 214                                        |                                              |                         |      |      |
| 4.4 Static Color Series 2   | 1.97 in. (50 mm) | 48 LEDs/ft (160 LEDs/m) | Red               | 38                | 155 / 510                                       | 125 / 411                                       | 29 ft (8.8 m)                                | ✓                       | ✓    |      |
|                             |                  |                         | Green             | 117               | 479 / 1571                                      | 386 / 1267                                      |                                              |                         |      |      |
|                             |                  |                         | Blue              | 24                | 98 / 322                                        | 79 / 260                                        |                                              |                         |      |      |
|                             |                  |                         | Amber             | 25                | 102 / 336                                       | 83 / 271                                        |                                              |                         |      |      |
| 1.0 Variable White Series 2 | 1.97 in. (50 mm) | 42 LEDs/ft (140 LEDs/m) | 2000K + 6500K     | 85                | 79 / 259                                        | 64 / 209                                        | 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                | 223 / 732                                       | 180 / 591                                       | 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                | 419 / 1373                                      | 337.5 / 1107                                    | 32.8 ft (10 m)                               | ✓                       | ✓    |      |

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

|                                                                                                                        |  |                                                                                                                           |  |
|------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------------------------------------------------------------------------------------|--|
|  <p><b>No Visible Diode = N</b></p> |  |  <p><b>With Visible Diode = Y</b></p> |  |
| <b>Static White &amp; Static Color RibbonLyte</b>                                                                      |  | <b>Color Changing RibbonLyte</b>                                                                                          |  |
| <b>0.75/1.5/2.2</b>                                                                                                    |  | <b>3.0/4.4</b>                                                                                                            |  |
| IP20<br>IP65                                                                                                           |  | IP20<br>IP65                                                                                                              |  |
| <b>N</b>                                                                                                               |  | <b>N</b>                                                                                                                  |  |
|                                                                                                                        |  | <b>Variable White</b>                                                                                                     |  |
|                                                                                                                        |  | IP20<br>IP65                                                                                                              |  |
|                                                                                                                        |  | <b>N</b>                                                                                                                  |  |

## 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



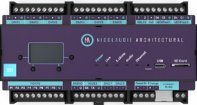
**5 ZONE WALL CONTROLLER**

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**

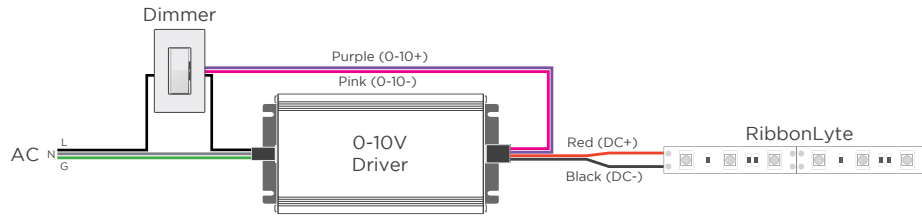
Part Number: DMXOS8

DRIVER AND RIBBONLYTE AT FULL LOAD

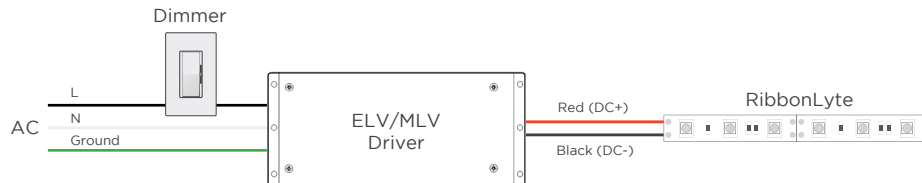
| Wattages   | 30   |        | 60   |        | 96   |        | 150  |        | 200  |        | 240  |        | 300  |        | 320  |        |
|------------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| Wire Gauge |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

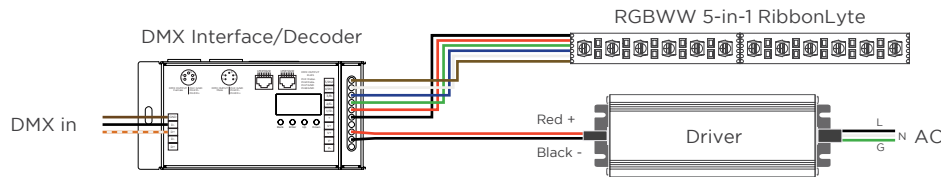
### 0-10V



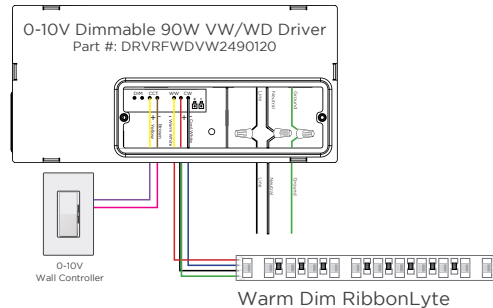
### MLV / ELV



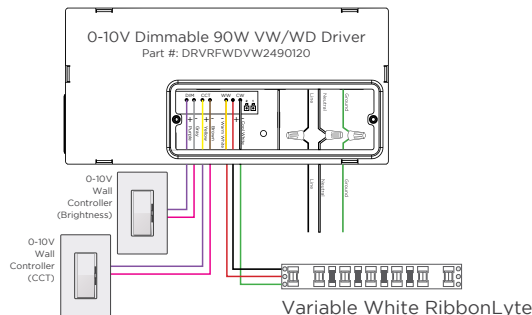
### DMX



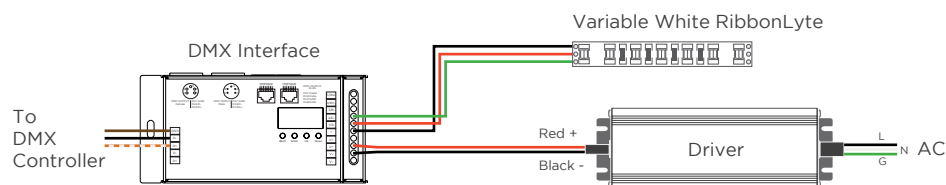
### WARM DIM



### 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