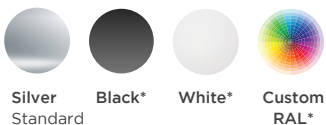


## AR33 CHANNEL FIXTURE

AR33 is a deep, wide aluminum recessed channel. Create a custom fixture with AR33, your choice of narrow, wide or milky textured diffuser lenses and our RibbonLyte products.

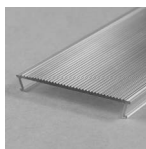
- Available for field assembly or factory assembly
- 3.03 in. (77 mm) wide by 1.42 in. (36 mm) deep
- Beam angles: 50°x100° with Narrow Prismatic Lens, 85°x100° with Wide Prismatic Lens, 100° with Milky Lens
- Wattage Range from 3 W/ft (9.8 W/m) to 12 W/ft (39.4 W/m)
- Static White delivered lumen range from 193 lm/ft (635 lm/m) up to 1246 lm/ft (4087 lm/m)
- Narrow Prismatic Lens, Wide Prismatic Lens or Milky Lens

## HOUSING FINISHES

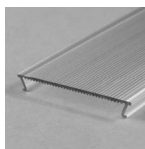


\*Additional fee applies

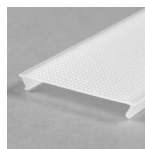
## LENS FINISHES (PRISMATIC LENSES FOR GLARE REDUCTION)



**Narrow Prismatic Lens**  
88% Light Transmission

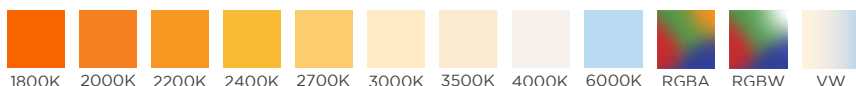


**Wide Prismatic Lens**  
88% Light Transmission



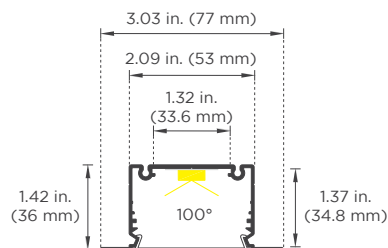
**Milky Lens**  
92% Light Transmission

## AVAILABLE COLORS & COLOR TEMPERATURES



## DIMENSIONS

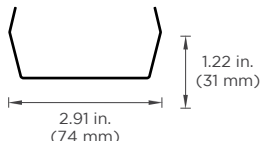
### AR33 Channel



**Width:** 3.03 in. (77 mm)  
**Height:** 1.42 in. (36 mm)  
**Internal Width:** 1.32 in. (33.6 mm)  
**Internal Height:** 1.37 in. (34.8 mm)

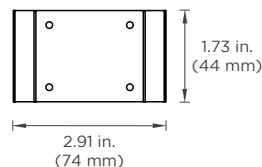
### Mounting Clip (included accessory)

#### Side View

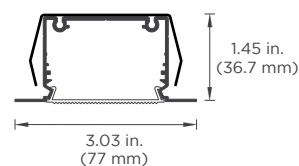


**Width:** 1.73 in. (44 mm)  
**Length:** 2.91 in. (74 mm)  
**Height:** 1.22 in. (31 mm)

#### Top View



#### Assembled Views



**Width:** 3.03 in. (77 mm)  
**Height:** 1.45 in. (36.7 mm)

**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.



RoHS

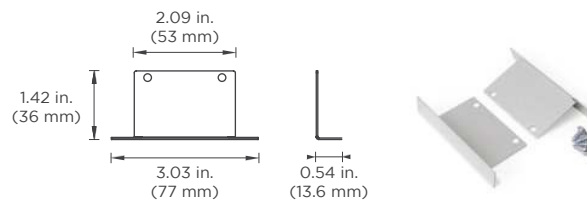


## SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Beam Angle              | 50°x100° with Narrow Prismatic Lens, 85°x100° with Wide Prismatic Lens, 100° with Milky Lens                                                                                                                                                                                                                                                                                                             |
| Lens Type               | Narrow Prismatic Lens, Wide Prismatic Lens, Milky Lens                                                                                                                                                                                                                                                                                                                                                   |
| Length                  | Channel is sold by the foot and cut to your exact desired length. Required amount of mounting clips included.                                                                                                                                                                                                                                                                                            |
| Operating Voltage       | 24V                                                                                                                                                                                                                                                                                                                                                                                                      |
| Dimming                 | MLV / 0-10 Volt / Lutron Hi-Lume 1% dimming LED drivers / Lutron VIVE code compliance available / ELV / DALI / DMX                                                                                                                                                                                                                                                                                       |
| Operating Temperature   | -40° F to 158° F (-40° C to 70° C)                                                                                                                                                                                                                                                                                                                                                                       |
| Colors                  | 1800K, 2000K, 2200K, 2400K, 2700K, 3000K, 3500K, 4000K, 6000K, RGBA, RGBW, VW                                                                                                                                                                                                                                                                                                                            |
| 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 |

## ACCESSORIES

### End Caps



## STEP 1 Complete Channel Part Number

| CHANNEL               | LENS                              | HOUSING COLOR |
|-----------------------|-----------------------------------|---------------|
| <b>CHAR33</b>         |                                   |               |
| CHAR33 - AR33 Channel | NP - Narrow Prismatic Lens        | SV - Silver   |
|                       | WP - Wide Prismatic Lens          | BK - Black    |
|                       | M - Milky Lens                    | WH - White    |
|                       | Consult factory for custom colors |               |

## STEP 2 Complete RibbonLyte Part Number

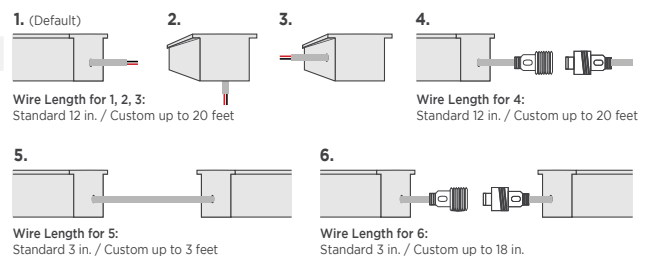
| CATEGORY        | CRI                              | RIBBON TYPE & IP RATING                 |
|-----------------|----------------------------------|-----------------------------------------|
| <b>RB</b>       |                                  |                                         |
| RB - RibbonLyte | 0 - Static Color, Color Changing | SWDR20 - Static White Double Row IP20   |
|                 | 90 - 90+ CRI Static White        | RGBWADR20 - RGBW/A Double Row IP20      |
|                 |                                  | VWDR20 - Variable White Double Row IP20 |

| WATTAGE                                                                | COLOR                                                             |
|------------------------------------------------------------------------|-------------------------------------------------------------------|
| 3.0 - 3.0 W/ft (9.8 W/m - Static White, Variable White, RGBW, RGBA)    | 18 - 1800K VW - Variable White                                    |
| 6.0 - 6.0 W/ft (19.7 W/m - Static White, Variable White, RGBW, RGBA)   | 20 - 2000K RGB27 - Red, Green, Blue + 2700K                       |
| 12.0 - 12.0 W/ft (39.4 W/m - Static White, Variable White, RGBW, RGBA) | 22 - 2200K RGB30 - Red, Green, Blue + 3000K                       |
|                                                                        | 24 - 2400K RGB40 - Red, Green, Blue + 4000K                       |
|                                                                        | 27 - 2700K RGB60 - Red, Green, Blue + 6000K                       |
|                                                                        | 30 - 3000K RGBA - Red, Green, Blue + Amber                        |
|                                                                        | 35 - 3500K Z - Undecided**                                        |
|                                                                        | 40 - 4000K ** For quotes only. Must be chosen before final order. |
|                                                                        | 60 - 6000K                                                        |

### CONNECTION OPTIONS (See diagrams on the right)

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

### Custom Length (ft.)



## STEP 3 Complete Assembly Option & Length

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

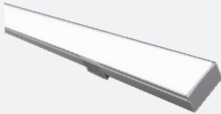
RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

| Available Wattages             | Cutttable Length  | LED Pitch                | Color Temp.   | lm/W without Lens | Delivered Lumens with Narrow Prismatic Lens (lm/ft / lm/m) | Delivered Lumens with Wide Prismatic Lens (lm/ft / lm/m) | Delivered Lumens with Milky Lens (lm/ft / lm/m) | Max Length          | Compatible with Channel |      |      |
|--------------------------------|-------------------|--------------------------|---------------|-------------------|------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------|---------------------|-------------------------|------|------|
|                                |                   |                          |               |                   |                                                            |                                                          |                                                 |                     | IP20                    | IP65 | IP68 |
| 3.0 Static White Double Row    | 0.7 in. (17.9 mm) | 136 LEDs/ft (448 LEDs/m) | 1800K         | 73                | 193 / 635                                                  | 193 / 635                                                | 202 / 662                                       | 65 ft 7 in. (20 m)  | ✓                       | N/A  | N/A  |
|                                |                   |                          | 2000K         | 86                | 228 / 749                                                  | 228 / 749                                                | 238 / 781                                       |                     |                         |      |      |
|                                |                   |                          | 2200K         | 94                | 249 / 818                                                  | 249 / 818                                                | 260 / 853                                       |                     |                         |      |      |
|                                |                   |                          | 2400K         | 97                | 256 / 841                                                  | 256 / 841                                                | 267 / 877                                       |                     |                         |      |      |
|                                |                   |                          | 2700K         | 109               | 289 / 948                                                  | 289 / 948                                                | 301 / 989                                       |                     |                         |      |      |
|                                |                   |                          | 3000K         | 118               | 312 / 1024                                                 | 312 / 1024                                               | 326 / 1069                                      |                     |                         |      |      |
|                                |                   |                          | 3500K         | 119               | 315 / 1032                                                 | 315 / 1032                                               | 328 / 1077                                      |                     |                         |      |      |
|                                |                   |                          | 4000K         | 118               | 312 / 1024                                                 | 312 / 1024                                               | 326 / 1069                                      |                     |                         |      |      |
|                                |                   |                          | 6000K         | 114               | 303 / 994                                                  | 303 / 994                                                | 316 / 1037                                      |                     |                         |      |      |
| 6.0 Static White Double Row    | 0.7 in. (17.9 mm) | 136 LEDs/ft (448 LEDs/m) | 1800K         | 73                | 387 / 1269                                                 | 387 / 1269                                               | 403 / 1324                                      | 39 ft (12 m)        | ✓                       | N/A  | N/A  |
|                                |                   |                          | 2000K         | 86                | 457 / 1498                                                 | 457 / 1498                                               | 476 / 1563                                      |                     |                         |      |      |
|                                |                   |                          | 2200K         | 94                | 499 / 1636                                                 | 499 / 1636                                               | 520 / 1707                                      |                     |                         |      |      |
|                                |                   |                          | 2400K         | 97                | 513 / 1682                                                 | 513 / 1682                                               | 535 / 1754                                      |                     |                         |      |      |
|                                |                   |                          | 2700K         | 109               | 578 / 1896                                                 | 578 / 1896                                               | 603 / 1978                                      |                     |                         |      |      |
|                                |                   |                          | 3000K         | 118               | 624 / 2049                                                 | 624 / 2049                                               | 651 / 2137                                      |                     |                         |      |      |
|                                |                   |                          | 3500K         | 119               | 629 / 2064                                                 | 629 / 2064                                               | 656 / 2153                                      |                     |                         |      |      |
|                                |                   |                          | 4000K         | 118               | 624 / 2049                                                 | 624 / 2049                                               | 651 / 2137                                      |                     |                         |      |      |
|                                |                   |                          | 6000K         | 114               | 606 / 1988                                                 | 606 / 1988                                               | 632 / 2073                                      |                     |                         |      |      |
| 12.0 Static White Double Row   | 0.7 in. (17.9 mm) | 136 LEDs/ft (448 LEDs/m) | 1800K         | 69                | 734 / 2409                                                 | 734 / 2409                                               | 766 / 2513                                      | 26 ft 3 in. (8 m)   | ✓                       | N/A  | N/A  |
|                                |                   |                          | 2000K         | 82                | 867 / 2844                                                 | 867 / 2844                                               | 904 / 2967                                      |                     |                         |      |      |
|                                |                   |                          | 2200K         | 89                | 947 / 3106                                                 | 947 / 3106                                               | 987 / 3239                                      |                     |                         |      |      |
|                                |                   |                          | 2400K         | 92                | 973 / 3193                                                 | 973 / 3193                                               | 1015 / 3330                                     |                     |                         |      |      |
|                                |                   |                          | 2700K         | 104               | 1097 / 3599                                                | 1097 / 3599                                              | 1144 / 3754                                     |                     |                         |      |      |
|                                |                   |                          | 3000K         | 112               | 1185 / 3889                                                | 1185 / 3889                                              | 1236 / 4057                                     |                     |                         |      |      |
|                                |                   |                          | 3500K         | 113               | 1194 / 3918                                                | 1194 / 3918                                              | 1246 / 4087                                     |                     |                         |      |      |
|                                |                   |                          | 4000K         | 112               | 1185 / 3889                                                | 1185 / 3889                                              | 1236 / 4057                                     |                     |                         |      |      |
|                                |                   |                          | 6000K         | 109               | 1150 / 3773                                                | 1150 / 3773                                              | 1200 / 3936                                     |                     |                         |      |      |
| 3.0 Variable White Double Row  | 1.97 in. (50 mm)  | 84 LEDs/ft (280 LEDs/m)  | 2000K + 6500K | 87                | 230 / 755                                                  | 230 / 755                                                | 240 / 788                                       | 65 ft 7 in. (20 m)  | ✓                       | N/A  | N/A  |
| 6.0 Variable White Double Row  | 1.97 in. (50 mm)  | 84 LEDs/ft (280 LEDs/m)  | 2000K + 6500K | 82                | 434 / 1424                                                 | 434 / 1424                                               | 453 / 1485                                      | 45 ft 11 in. (14 m) | ✓                       | N/A  | N/A  |
| 12.0 Variable White Double Row | 1.97 in. (50 mm)  | 84 LEDs/ft (280 LEDs/m)  | 2000K + 6500K | 71                | 751 / 2466                                                 | 751 / 2466                                               | 784 / 2572                                      | 22 ft 11 in. (7 m)  | ✓                       | N/A  | N/A  |

RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

| Available Wattages   | Cuttable Length | LED Pitch               | Color Temp. | lm/W without Lens | Delivered Lumens with Narrow Prismatic Lens (lm/ft / lm/m) | Delivered Lumens with Wide Prismatic Lens (lm/ft / lm/m) | Delivered Lumens with Milky Lens (lm/ft / lm/m) | Max Length          | Compatible with Channel |      |      |
|----------------------|-----------------|-------------------------|-------------|-------------------|------------------------------------------------------------|----------------------------------------------------------|-------------------------------------------------|---------------------|-------------------------|------|------|
|                      |                 |                         |             |                   |                                                            |                                                          |                                                 |                     | IP20                    | IP65 | IP68 |
| 3.0 RGBW Double Row  | 1.3 in. (33 mm) | 72 LEDs/ft (240 LEDs/m) | RGBW        | 91                | 241 / 790                                                  | 241 / 790                                                | 251 / 824                                       | 26 ft 3 in. (8 m)   | ✓                       | N/A  | N/A  |
| 3.0 RGBA Double Row  | 1.3 in. (33 mm) | 72 LEDs/ft (240 LEDs/m) | RGBA        | 78                | 836 / 2743                                                 | 836 / 2743                                               | 872 / 2862                                      | 26 ft 3 in. (8 m)   | ✓                       | N/A  | N/A  |
| 6.0 RGBW Double Row  | 1.3 in. (33 mm) | 72 LEDs/ft (240 LEDs/m) | RGBW        | 91                | 482 / 1580                                                 | 482 / 1580                                               | 502 / 1648                                      | 22 ft 11 in. (7 m)  | ✓                       | N/A  | N/A  |
| 6.0 RGBA Double Row  | 1.3 in. (33 mm) | 72 LEDs/ft (240 LEDs/m) | RGBA        | 80                | 211 / 693                                                  | 211 / 693                                                | 221 / 724                                       | 22 ft 11 in. (7 m)  | ✓                       | N/A  | N/A  |
| 12.0 RGBW Double Row | 1.3 in. (33 mm) | 72 LEDs/ft (240 LEDs/m) | RGBW        | 79                | 836 / 2743                                                 | 836 / 2743                                               | 872 / 2862                                      | 14 ft 9 in. (4.5 m) | ✓                       | N/A  | N/A  |
| 12.0 RGBA Double Row | 1.3 in. (33 mm) | 72 LEDs/ft (240 LEDs/m) | RGBA        | 75                | 396 / 1299                                                 | 396 / 1299                                               | 414 / 1358                                      | 14 ft 9 in. (4.5 m) | ✓                       | N/A  | N/A  |

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

|                                                                                                                 |                                                                                                                    |  |
|-----------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|--|
|  <b>No Visible Diode = N</b> |  <b>With Visible Diode = Y</b> |  |
| Static White                                                                                                    | Color Changing                                                                                                     |  |
| 3.0/6.0/12.0 Double Row                                                                                         | 3.0/6.0/12.0 RGBW/A Double Row                                                                                     |  |
| IP20                                                                                                            | IP20                                                                                                               |  |
| N                                                                                                               | N                                                                                                                  |  |
|                                                                                                                 | 3.0/6.0/12.0 Variable White Double Row                                                                             |  |
|                                                                                                                 | IP20                                                                                                               |  |
|                                                                                                                 | N                                                                                                                  |  |

## AVAILABLE DRIVERS

### NON-DIMMING ELECTRONIC DRIVERS



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

Part No.:

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

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



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

Part No.:

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

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

### ELV & MLV DRIVERS WITH COMPATIBLE DIMMERS



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

Part No.:

- DRVW2460ELVMLV (60 Watt)
- DRVW2496ELVMLV (96 Watt)
- DRVW24150ELVMLV (150 Watt)
- DRVW24300ELVMLV (300 Watt)

Line Voltage Dimmable Drivers  
Output Voltage: 24 V  
Voltage Range: 100-277 VAC  
IP Rating: IP67  
Dimmable  
UL, CE, and CSA Listed



#### LUTRON Skylark Contour Dimmer

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

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



#### LUTRON NOVA-T Dimmer

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

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



#### LUTRON DIVA Dimmer

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

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

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

AVAILABLE DRIVERS / CONTROLLERS AND DIMMING OPTIONS / WIRE GAUGE CHART

0-10V DRIVERS AND DIMMERS



**0-10V Dimmable Waterproof Drivers**

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



**LUTRON DIVA Dimmer**

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

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



**LUTRON NOVA-T Dimmer**

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

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



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

Part No.: DRVRFWDVW2490120  

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

DMX CONTROLLER AND PART NUMBER - FOR COLOR CHANGING VERSIONS



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



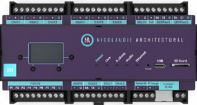
**1 ZONE WALL CONTROLLER**  
 Part Number: DMXCTRLG



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



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



**2 UNIVERSE DMX CONTROLLER**  
 Part Number: DMXCTRLDR2U  
**6 UNIVERSE DMX CONTROLLER**  
 Part Number: DMXCTRLDR6U



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



**5 CHANNEL DMX INTERFACE**  
 Part Number: DMXINFLCD5



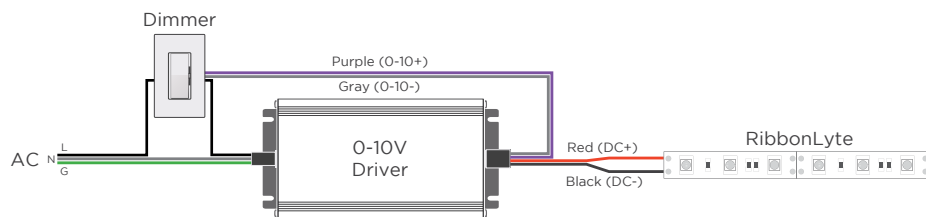
**DMX OPTO SPLITTER**  
 Part Number: DMXOS8

DRIVER AND RIBBONLYTE AT FULL LOAD

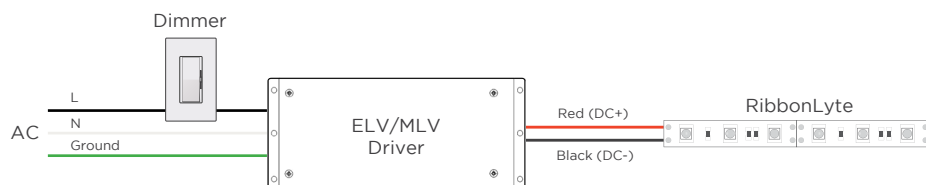
| Wattages   | 30   |        | 60   |        | 96   |        | 150  |        | 200  |        | 240  |        | 300  |        | 320  |        |
|------------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| Wire Gauge |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

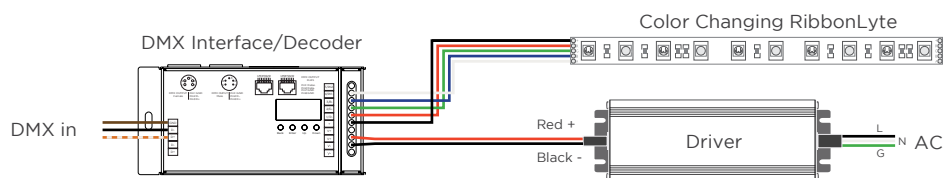
### 0-10V



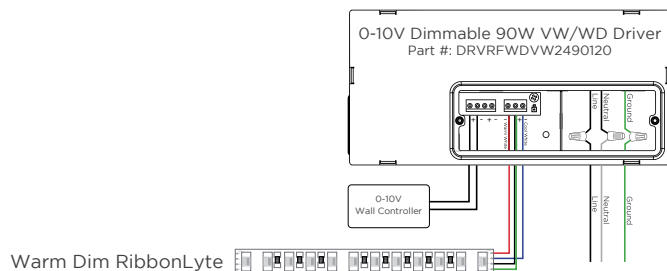
### MLV / ELV



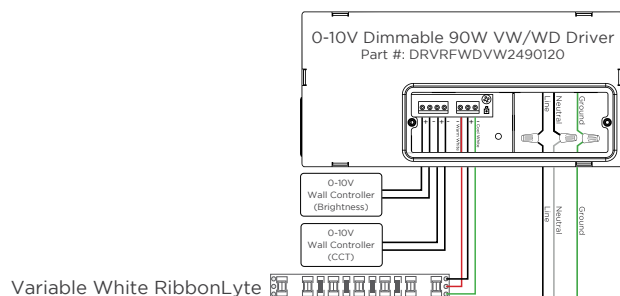
### DMX



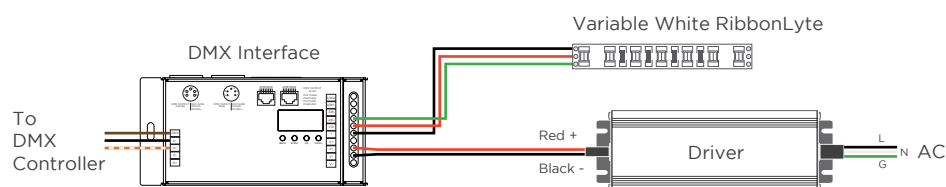
### WARM DIM



### 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

#### 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