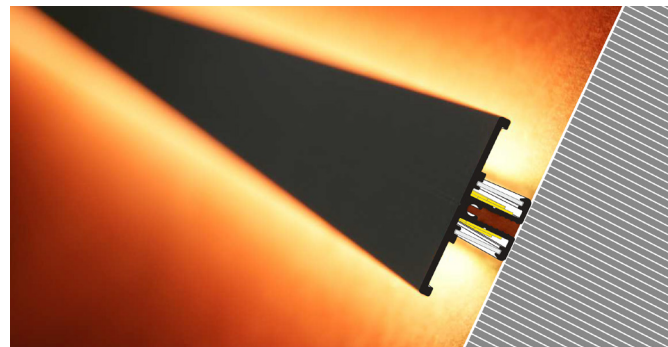


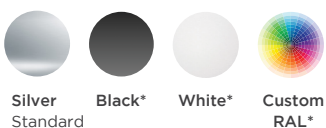
## AW40 CHANNEL FIXTURE

The AW40 fixture is an aluminum extrusion that utilizes two rows of RibbonLyte at once to create soft, 2-way directional decorative lighting. This unique T-shaped channel provides incredible options for backlighting or use as a sconce. Mount AW40 on walls or in furniture or use it as a backlighting frame. Create a unique custom fixture with AW40 channel and our select RibbonLyte products.

- Available for field assembly or factory assembly
- 0.53 in. (13.5 mm) wide by 1.58 in. (40 mm) deep
- 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 44 lm/ft (145 lm/m) up to 737 lm/ft (2417 lm/m)
- Clear Slide Lens, Frosted Slide Lens or Milky Slide Lens
- Suitable for use in closets with RibbonLyte (6.0 W/ft and less)



## HOUSING FINISHES



Silver Standard   Black\*   White\*   Custom RAL\*

\*Additional fee applies

## LENS FINISHES



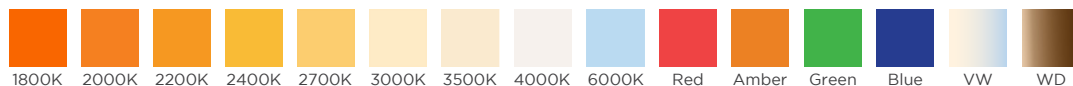
**Clear Slide Lens**  
93% Light Transmission

**Frosted Slide Lens**  
90% Light Transmission

**Milky Slide Lens**  
70% Light Transmission



## AVAILABLE COLORS & COLOR TEMPERATURES



## DIMENSIONS

| AW40 Channel                                                                                                                                                                                                                                             | Mounting Clip (included accessory)                                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| <p> <b>Width:</b> 0.53 in. (13.5 mm)<br/> <b>Height:</b> 1.58 in. (40 mm)<br/> <b>Internal Width (up &amp; down):</b> 0.33 in. (8.5 mm)<br/> <b>Internal Width (side):</b> 0.41 in. (10.3 mm)<br/> <b>Internal Height:</b> 0.1 in. (2.6 mm)         </p> | <p> <b>Width:</b> 0.57 in. (14.5 mm)<br/> <b>Length:</b> 0.95 in. (24 mm)         </p> |

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## SPECIFICATIONS

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Lens Type</b>               | Clear Slide Lens, Frosted Slide Lens, Milky Slide 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 / Lutron Hi-Lume 1% dimming LED drivers / Lutron VIVE code compliance available / 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, 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>          | 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

| 180° Connector<br>(Part #: CHCOUP180XSV) | End Cap without Hole | End Cap with Hole |
|------------------------------------------|----------------------|-------------------|
|                                          |                      |                   |

## ORDERING GUIDE

### STEP 1 Complete Channel Part Number

| CHANNEL               | LENS                   | HOUSING COLOR                     |
|-----------------------|------------------------|-----------------------------------|
| CHAW40                |                        |                                   |
| CHAW40 - AW40 Channel | C - Clear Slide Lens   | SV - Silver    WH - White         |
|                       | F - Frosted Slide Lens | BK - Black                        |
|                       | M - Milky Slide Lens   | 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    WD20 - Warm Dim IP20      |
|                 |                                  | SCS265 - Static Color Series 2 IP65    WD65 - Warm Dim IP65      |

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

#### WATTAGE

0.75 - 0.75 W/ft (2.46 W/m - Static White, Static Color)  
 1.0 - 1.0 W/ft (3.3 W/m - Variable White)  
 1.5 - 1.5 W/ft (4.9 W/m - Static White, Static Color)  
 2.2 - 2.2 W/ft (7.2 W/m - Static White, Static Color)  
 3.0 - 3.0 W/ft (9.8 W/m - Static White, Static Color, Variable White)  
 4.4 - 4.4 W/ft (14.4 W/m - Static White, Static Color)  
 5.0 - 5.0 W/ft (16.4 W/m - Static White, Static Color)  
 5.2 - 5.2 W/ft (17.1 W/m - Warm Dim)  
 6.0 - 6.0 W/ft (19.7 W/m - Static White, Static Color, Variable White)

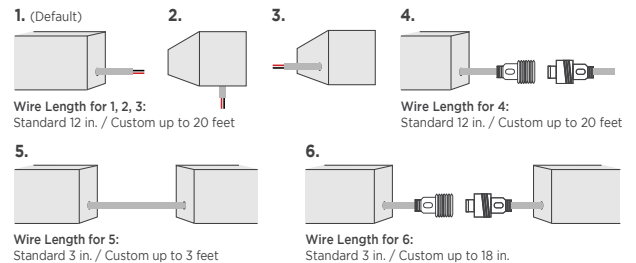
#### COLOR

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

#### 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) |
|-----------------------|---------------------------------------------------------------|
| FI - Field Assembly   |                                                               |
| FA - Factory Assembly |                                                               |

### STEP 4 Add Accessories

#### ACCESSORIES

CHCOUP180XSV - 180° Coupler

## RIBBONLYTE SPECIFICATIONS &amp; COMPATIBILITY

| Available Wattages         | Cutable Length    | LED Pitch               | Color Temp. | lm/W without Lens | Delivered Lumens with Clear Slide Lens (lm/ft / lm/m) | Delivered Lumens with Frosted Slide Lens (lm/ft / lm/m) | Delivered Lumens with Milky Slide 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                                              | 57 / 186                                                | 44 / 145                                              | IP20: 49 ft (15 m)<br>IP65: 32.8 ft (10 m)         | ✓                       | ✓    |      |
|                            |                   |                         | 2000K       | 99                | 69 / 227                                              | 69 / 227                                                | 52 / 171                                              |                                                    |                         |      |      |
|                            |                   |                         | 2200K       | 109               | 76 / 249                                              | 76 / 249                                                | 57 / 188                                              |                                                    |                         |      |      |
|                            |                   |                         | 2400K       | 113               | 79 / 259                                              | 79 / 259                                                | 59 / 195                                              |                                                    |                         |      |      |
|                            |                   |                         | 2700K       | 123               | 86 / 281                                              | 86 / 281                                                | 65 / 212                                              |                                                    |                         |      |      |
|                            |                   |                         | 3000K       | 123               | 86 / 281                                              | 86 / 281                                                | 65 / 212                                              |                                                    |                         |      |      |
|                            |                   |                         | 3500K       | 130               | 91 / 297                                              | 91 / 297                                                | 68 / 224                                              |                                                    |                         |      |      |
|                            |                   |                         | 4000K       | 134               | 93 / 307                                              | 93 / 307                                                | 70 / 231                                              |                                                    |                         |      |      |
|                            |                   |                         | 6000K       | 131               | 91 / 300                                              | 91 / 300                                                | 69 / 226                                              |                                                    |                         |      |      |
| 1.5 Static White Series 2  | 1.97 in. (50 mm)  | 48 LEDs/ft (160 LEDs/m) | 1800K       | 84                | 117 / 384                                             | 117 / 384                                               | 88 / 289                                              | IP20: 49 ft (15 m)<br>IP65: 32.8 ft (10 m)         | ✓                       | ✓    |      |
|                            |                   |                         | 2000K       | 98                | 137 / 384                                             | 137 / 449                                               | 103 / 338                                             |                                                    |                         |      |      |
|                            |                   |                         | 2200K       | 109               | 152 / 499                                             | 152 / 499                                               | 114 / 375                                             |                                                    |                         |      |      |
|                            |                   |                         | 2400K       | 113               | 158 / 517                                             | 158 / 517                                               | 119 / 389                                             |                                                    |                         |      |      |
|                            |                   |                         | 2700K       | 123               | 172 / 563                                             | 172 / 563                                               | 129 / 424                                             |                                                    |                         |      |      |
|                            |                   |                         | 3000K       | 123               | 172 / 563                                             | 172 / 563                                               | 129 / 424                                             |                                                    |                         |      |      |
|                            |                   |                         | 3500K       | 129               | 180 / 590                                             | 180 / 590                                               | 135 / 444                                             |                                                    |                         |      |      |
|                            |                   |                         | 4000K       | 134               | 187 / 613                                             | 187 / 613                                               | 141 / 462                                             |                                                    |                         |      |      |
|                            |                   |                         | 6000K       | 131               | 183 / 600                                             | 183 / 600                                               | 138 / 451                                             |                                                    |                         |      |      |
| 2.2 Static White Series 2  | 1.97 in. (50 mm)  | 48 LEDs/ft (160 LEDs/m) | 1800K       | 83                | 170 / 557                                             | 170 / 557                                               | 128 / 419                                             | IP20: 42 ft (12.8 m)<br>IP65: 32.8 ft (10 m)       | ✓                       | ✓    |      |
|                            |                   |                         | 2000K       | 96                | 196 / 644                                             | 196 / 644                                               | 148 / 485                                             |                                                    |                         |      |      |
|                            |                   |                         | 2200K       | 106               | 217 / 712                                             | 217 / 712                                               | 163 / 536                                             |                                                    |                         |      |      |
|                            |                   |                         | 2400K       | 111               | 227 / 745                                             | 227 / 745                                               | 171 / 561                                             |                                                    |                         |      |      |
|                            |                   |                         | 2700K       | 120               | 246 / 806                                             | 246 / 806                                               | 185 / 606                                             |                                                    |                         |      |      |
|                            |                   |                         | 3000K       | 122               | 250 / 819                                             | 250 / 819                                               | 188 / 616                                             |                                                    |                         |      |      |
|                            |                   |                         | 3500K       | 127               | 260 / 852                                             | 260 / 852                                               | 196 / 642                                             |                                                    |                         |      |      |
|                            |                   |                         | 4000K       | 133               | 272 / 893                                             | 272 / 893                                               | 205 / 672                                             |                                                    |                         |      |      |
|                            |                   |                         | 6000K       | 128               | 262 / 859                                             | 262 / 859                                               | 197 / 647                                             |                                                    |                         |      |      |
| 3.0 Static White Series 2  | 1.97 in. (50 mm)  | 48 LEDs/ft (160 LEDs/m) | 1800K       | 84                | 234 / 769                                             | 234 / 769                                               | 176 / 579                                             | IP20: 36 ft (11 m)<br>IP65: 32.8 ft (10 m)         | ✓                       | ✓    |      |
|                            |                   |                         | 2000K       | 98                | 273 / 897                                             | 273 / 897                                               | 206 / 675                                             |                                                    |                         |      |      |
|                            |                   |                         | 2200K       | 108               | 301 / 989                                             | 301 / 989                                               | 227 / 744                                             |                                                    |                         |      |      |
|                            |                   |                         | 2400K       | 109.8             | 306 / 1005                                            | 306 / 1005                                              | 231 / 756                                             |                                                    |                         |      |      |
|                            |                   |                         | 2700K       | 122.9             | 343 / 1125                                            | 343 / 1125                                              | 258 / 847                                             |                                                    |                         |      |      |
|                            |                   |                         | 3000K       | 130               | 363 / 1190                                            | 363 / 1190                                              | 273 / 896                                             |                                                    |                         |      |      |
|                            |                   |                         | 3500K       | 133               | 371 / 1217                                            | 371 / 1217                                              | 279 / 916                                             |                                                    |                         |      |      |
|                            |                   |                         | 4000K       | 133               | 371 / 1217                                            | 371 / 1217                                              | 279 / 916                                             |                                                    |                         |      |      |
|                            |                   |                         | 6000K       | 128               | 357 / 1172                                            | 357 / 1172                                              | 269 / 882                                             |                                                    |                         |      |      |
| 4.4 Static White Series 2  | 1.97 in. (50 mm)  | 48 LEDs/ft (160 LEDs/m) | 1800K       | 81                | 331 / 1087                                            | 331 / 1087                                              | 249 / 818                                             | 28 ft 4 in. (8.64 m)                               | ✓                       | ✓    |      |
|                            |                   |                         | 2000K       | 95                | 389 / 1275                                            | 389 / 1275                                              | 293 / 960                                             |                                                    |                         |      |      |
|                            |                   |                         | 2200K       | 105               | 430 / 1410                                            | 430 / 1410                                              | 323 / 1061                                            |                                                    |                         |      |      |
|                            |                   |                         | 2400K       | 109               | 446 / 1463                                            | 446 / 1463                                              | 336 / 1101                                            |                                                    |                         |      |      |
|                            |                   |                         | 2700K       | 122               | 499 / 1638                                            | 499 / 1638                                              | 376 / 1233                                            |                                                    |                         |      |      |
|                            |                   |                         | 3000K       | 129               | 528 / 1732                                            | 528 / 1732                                              | 397 / 1304                                            |                                                    |                         |      |      |
|                            |                   |                         | 3500K       | 132               | 540 / 1772                                            | 540 / 1772                                              | 407 / 1334                                            |                                                    |                         |      |      |
|                            |                   |                         | 4000K       | 132               | 540 / 1772                                            | 540 / 1772                                              | 407 / 1334                                            |                                                    |                         |      |      |
|                            |                   |                         | 6000K       | 126               | 516 / 1692                                            | 516 / 1692                                              | 388 / 1273                                            |                                                    |                         |      |      |
| 5.0 Static White Series 2  | 1.4 in. (35.7 mm) | 68 LEDs/ft (224 LEDs/m) | 1800K       | 83                | 386 / 1266                                            | 386 / 1266                                              | 291 / 953                                             | IP20: 33 ft 4 in. (10.1 m)<br>IP65: 32.8 ft (10 m) | ✓                       | ✓    |      |
|                            |                   |                         | 2000K       | 98                | 456 / 1495                                            | 456 / 1495                                              | 343 / 1125                                            |                                                    |                         |      |      |
|                            |                   |                         | 2200K       | 107               | 498 / 1632                                            | 498 / 1632                                              | 375 / 1229                                            |                                                    |                         |      |      |
|                            |                   |                         | 2400K       | 110               | 511 / 1675                                            | 511 / 1675                                              | 384 / 1261                                            |                                                    |                         |      |      |
|                            |                   |                         | 2700K       | 123               | 571 / 1875                                            | 571 / 1875                                              | 430 / 1411                                            |                                                    |                         |      |      |
|                            |                   |                         | 3000K       | 130               | 605 / 1983                                            | 605 / 1983                                              | 455 / 1493                                            |                                                    |                         |      |      |
|                            |                   |                         | 3500K       | 133               | 618 / 2029                                            | 618 / 2029                                              | 466 / 1527                                            |                                                    |                         |      |      |
|                            |                   |                         | 4000K       | 133               | 618 / 2029                                            | 618 / 2029                                              | 466 / 1527                                            |                                                    |                         |      |      |
|                            |                   |                         | 6000K       | 127               | 591 / 1937                                            | 591 / 1937                                              | 445 / 1458                                            |                                                    |                         |      |      |

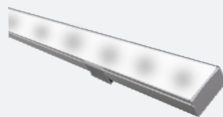
RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

| Available Wattages          | Cuttable Length   | LED Pitch               | Color Temp.   | lm/W without Lens | Delivered Lumens with Clear Slide Lens (lm/ft / lm/m) | Delivered Lumens with Frosted Slide Lens (lm/ft / lm/m) | Delivered Lumens with Milky Slide Lens (lm/ft / lm/m) | Max Length                                   | Compatible with Channel |      |      |
|-----------------------------|-------------------|-------------------------|---------------|-------------------|-------------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------|----------------------------------------------|-------------------------|------|------|
|                             |                   |                         |               |                   |                                                       |                                                         |                                                       |                                              | IP20                    | IP65 | IP68 |
| 6.0 Static White Series 2   | 1.4 in. (35.7 mm) | 68 LEDs/ft (224 LEDs/m) | 1800K         | 82                | 458 / 1501                                            | 458 / 1501                                              | 344 / 1130                                            | 28 ft (8.5 m)                                | ✓                       | ✓    |      |
|                             |                   |                         | 2000K         | 95                | 530 / 1739                                            | 530 / 1739                                              | 399 / 1309                                            |                                              |                         |      |      |
|                             |                   |                         | 2200K         | 106               | 591 / 1941                                            | 591 / 1941                                              | 445 / 1461                                            |                                              |                         |      |      |
|                             |                   |                         | 2400K         | 109               | 608 / 1995                                            | 608 / 1995                                              | 458 / 1502                                            |                                              |                         |      |      |
|                             |                   |                         | 2700K         | 122               | 681 / 2233                                            | 681 / 2233                                              | 512 / 1681                                            |                                              |                         |      |      |
|                             |                   |                         | 3000K         | 129               | 720 / 2362                                            | 720 / 2362                                              | 542 / 1778                                            |                                              |                         |      |      |
|                             |                   |                         | 3500K         | 132               | 737 / 2417                                            | 737 / 2417                                              | 554 / 1819                                            |                                              |                         |      |      |
|                             |                   |                         | 4000K         | 132               | 737 / 2417                                            | 737 / 2417                                              | 554 / 1819                                            |                                              |                         |      |      |
|                             |                   |                         | 6000K         | 126               | 703 / 2307                                            | 703 / 2307                                              | 529 / 1736                                            |                                              |                         |      |      |
| 0.75 Static Color Series 2  | 1.97 in. (50 mm)  | 48 LEDs/ft (160 LEDs/m) | Red           | 41                | 29 / 94                                               | 29 / 94                                                 | 22 / 71                                               | IP20: 49 ft (15 m)<br>IP65: 32.8 ft (10 m)   | ✓                       | ✓    |      |
|                             |                   |                         | Green         | 175               | 122 / 400                                             | 122 / 400                                               | 92 / 301                                              |                                              |                         |      |      |
|                             |                   |                         | Blue          | 19                | 13 / 43                                               | 13.3 / 43                                               | 10 / 33                                               |                                              |                         |      |      |
|                             |                   |                         | Amber         | 34                | 24 / 78                                               | 24 / 78                                                 | 18 / 59                                               |                                              |                         |      |      |
| 1.5 Static Color Series 2   | 1.97 in. (50 mm)  | 48 LEDs/ft (160 LEDs/m) | Red           | 42                | 59 / 192                                              | 59 / 192                                                | 44 / 145                                              | IP20: 49 ft (15 m)<br>IP65: 32.8 ft (10 m)   | ✓                       | ✓    |      |
|                             |                   |                         | Green         | 160               | 223 / 732                                             | 223 / 732                                               | 168 / 551                                             |                                              |                         |      |      |
|                             |                   |                         | Blue          | 18                | 25 / 82                                               | 25 / 82                                                 | 19 / 62                                               |                                              |                         |      |      |
|                             |                   |                         | Amber         | 34                | 47 / 156                                              | 47 / 156                                                | 36 / 117                                              |                                              |                         |      |      |
| 2.2 Static Color Series 2   | 1.97 in. (50 mm)  | 48 LEDs/ft (160 LEDs/m) | Red           | 42                | 86 / 282                                              | 86 / 282                                                | 65 / 212                                              | IP20: 42 ft (12.8 m)<br>IP65: 32.8 ft (10 m) | ✓                       | ✓    |      |
|                             |                   |                         | Green         | 145               | 297 / 973                                             | 297 / 973                                               | 223 / 733                                             |                                              |                         |      |      |
|                             |                   |                         | Blue          | 18                | 37 / 121                                              | 37 / 121                                                | 28 / 91                                               |                                              |                         |      |      |
|                             |                   |                         | Amber         | 34                | 70 / 228                                              | 70 / 228                                                | 52 / 172                                              |                                              |                         |      |      |
| 3.0 Static Color Series 2   | 1.97 in. (50 mm)  | 48 LEDs/ft (160 LEDs/m) | Red           | 40                | 112 / 366                                             | 112 / 366                                               | 84 / 267                                              | 32.8 ft (10 m)                               | ✓                       | ✓    |      |
|                             |                   |                         | Green         | 127               | 354 / 1162                                            | 354 / 1162                                              | 267 / 875                                             |                                              |                         |      |      |
|                             |                   |                         | Blue          | 25                | 70 / 229                                              | 70 / 229                                                | 53 / 172                                              |                                              |                         |      |      |
|                             |                   |                         | Amber         | 29                | 81 / 265                                              | 81 / 265                                                | 61 / 200                                              |                                              |                         |      |      |
| 4.4 Static Color Series 2   | 1.97 in. (50 mm)  | 48 LEDs/ft (160 LEDs/m) | Red           | 38                | 155 / 510                                             | 155 / 510                                               | 117 / 384                                             | 29 ft (8.8 m)                                | ✓                       | ✓    |      |
|                             |                   |                         | Green         | 117               | 479 / 1571                                            | 479 / 1571                                              | 360 / 1182                                            |                                              |                         |      |      |
|                             |                   |                         | Blue          | 24                | 98 / 322                                              | 98 / 322                                                | 74 / 243                                              |                                              |                         |      |      |
|                             |                   |                         | Amber         | 25                | 102 / 336                                             | 102 / 336                                               | 77 / 253                                              |                                              |                         |      |      |
| 5.0 Static Color Series 2   | 1.4 in. (35.7 mm) | 68 LEDs/ft (224 LEDs/m) | Red           | 37                | 172 / 564                                             | 172 / 564                                               | 130 / 425                                             | 30 ft (9.14 m)                               | ✓                       | ✓    |      |
|                             |                   |                         | Green         | 116               | 539 / 1770                                            | 539 / 1770                                              | 406 / 1332                                            |                                              |                         |      |      |
|                             |                   |                         | Blue          | 24                | 112 / 366                                             | 112 / 366                                               | 84 / 276                                              |                                              |                         |      |      |
|                             |                   |                         | Amber         | 26                | 121 / 397                                             | 121 / 397                                               | 91 / 299                                              |                                              |                         |      |      |
| 6.0 Static Color Series 2   | 1.4 in. (35.7 mm) | 68 LEDs/ft (224 LEDs/m) | Red           | 37                | 206 / 677                                             | 206 / 677                                               | 155 / 510                                             | 28 ft (8.5 m)                                | ✓                       | ✓    |      |
|                             |                   |                         | Green         | 113               | 631 / 2069                                            | 631 / 2069                                              | 475 / 1557                                            |                                              |                         |      |      |
|                             |                   |                         | Blue          | 23                | 128 / 421                                             | 128 / 421                                               | 97 / 317                                              |                                              |                         |      |      |
|                             |                   |                         | Amber         | 24                | 134 / 439                                             | 134 / 439                                               | 101 / 331                                             |                                              |                         |      |      |
| 1.0 Variable White Series 2 | 1.97 in. (50 mm)  | 42 LEDs/ft (140 LEDs/m) | 2000K + 6500K | 85                | 79 / 259                                              | 79.1 / 259                                              | 60 / 195                                              | 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                                             | 223 / 732                                               | 168 / 551                                             | 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                                            | 419 / 1373                                              | 315 / 1033                                            | 32.8 ft (10 m)                               | ✓                       | ✓    |      |

RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

| Available Wattages | Cuttable Length   | LED Pitch               | Color Temp. | lm/W without Lens | Delivered Lumens with Clear Slide Lens (lm/ft / lm/m) | Delivered Lumens with Frosted Slide Lens (lm/ft / lm/m) | Delivered Lumens with Milky Slide Lens (lm/ft / lm/m) | Max Length        | Compatible with Channel |      |      |
|--------------------|-------------------|-------------------------|-------------|-------------------|-------------------------------------------------------|---------------------------------------------------------|-------------------------------------------------------|-------------------|-------------------------|------|------|
|                    |                   |                         |             |                   |                                                       |                                                         |                                                       |                   | IP20                    | IP65 | IP68 |
| 5.2 Warm Dim       | 3.94 in. (100 mm) | 36 LEDs/ft (120 LEDs/m) | WARM DIM    | 55                | 266 / 873                                             | 257.4 / 844                                             | 200 / 657                                             | 16 ft 4 in. (5 m) | ✓                       | ✓    |      |

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 & Static Color RibbonLyte                                                                        |                         |                         |                         |                         | Color Changing RibbonLyte                                                                                        |                |
| 0.75/1.5/2.2                                                                                                  | 3.0/4.4<br>Static White | 3.0/4.4<br>Static Color | 5.0/6.0<br>Static White | 5.0/6.0<br>Static Color | Warm Dim                                                                                                         | Variable White |
| IP20<br>IP65                                                                                                  | IP20<br>IP65            | IP20<br>IP65            | IP20<br>IP65            | IP20<br>IP65            | IP20<br>IP65                                                                                                     | IP20<br>IP65   |
| N                                                                                                             | N                       | N                       | N                       | N                       | N                                                                                                                | N              |

## AVAILABLE DRIVERS

### NON-DIMMING ELECTRONIC DRIVERS

### LUTRON HI-LUME 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



#### 40W Lutron Hi-Lume 1% Dimming Class 2 Drivers

Part No.:

- DRVLUT24403W (40 Watt, 3-wire)
- DRVLUT24402W (40 Watt, 2-wire)

Output Voltage: 24 V  
Voltage Range: 120-277 VAC (3-wire model)  
or 120V (2-wire model)  
IP Rating: Dry or Damp  
Dimmable using 2-wire forward phase,  
3-wire+G or digital EcoSystem  
UL Listed

### 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

DIMMING MODULE



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



Dual Dimming Module

- Part No.: VWDIMMODBCC
- Programmed for Variable White or Warm Dim
  - Flicker-free 0-100% dimming
  - Independent control over each output channel
  - Works with customizable DMX addresses
  - Incredible efficiency
  - Compact plastic case

Note: The Dual Dimming Module firmware is set at the factory for either Variable White or Warm Dim mode. Please specify which version is needed when ordering.

DMX CONTROLLER AND PART NUMBER - FOR COLOR CHANGING VERSIONS



GLASS TOUCH

WALL CONTROLLERS

Part Number: AWCRGBWW  
AWCVWW



1 ZONE WALL CONTROLLER

Part Number: DMXCTRLG



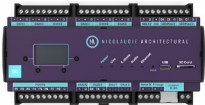
5 ZONE WALL CONTROLLER

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

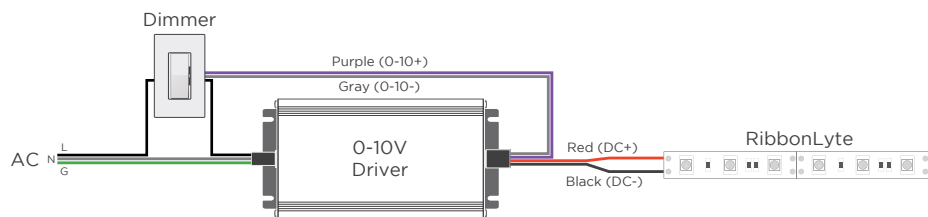
DRIVER AND RIBBONLYTE AT FULL LOAD

| 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  |

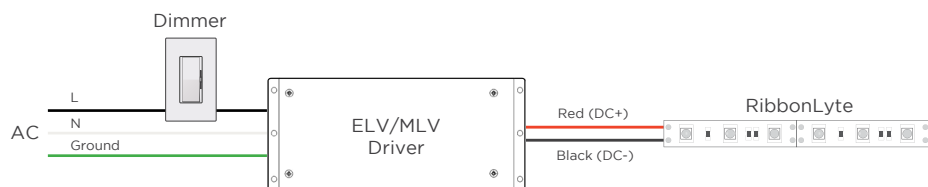


## WIRING DIAGRAMS

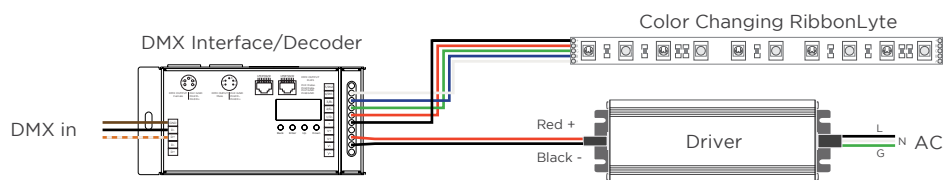
### 0-10V



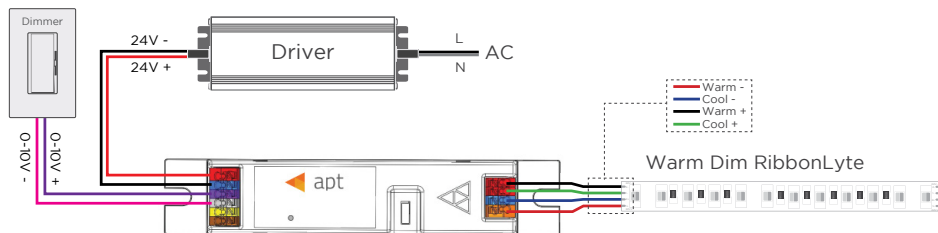
### MLV / ELV



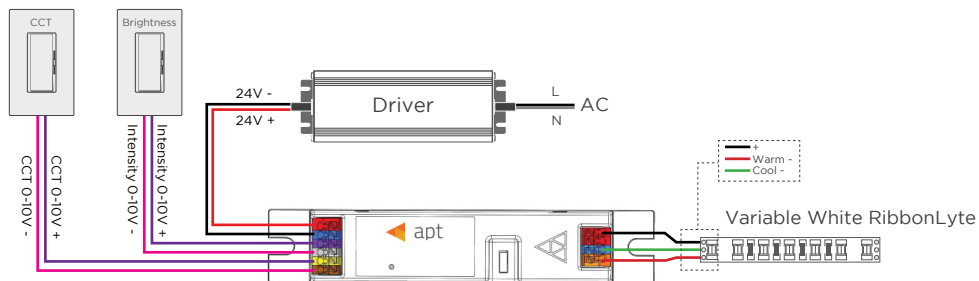
### DMX



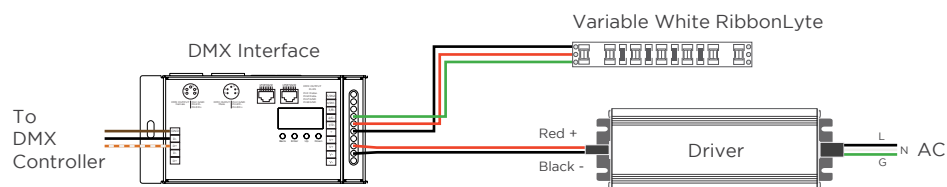
### WARM DIM



### 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

#### 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