

## SIMPLY CLEAN™ CORNER FIXTURES: SC-CORNER1

Part of the Acolyte Simply Clean™ series, this outside corner fixture is designed to blend harmoniously with a room's existing attributes – no joist modification needed! These extrusions can be installed into new or existing drywall/gypsum walls and ceilings. For detailed installation instructions, please reference our Simply Clean™ SC-Corner1 Installation Guide.

- Available for field assembly or factory assembly
- Use with Static White, Static Color, RGBW, RGBA, Warm Dim or Variable White Series 2 RibbonLyte
- Assembled in USA



**RoHS IP20**

## HOUSING FINISH



Silver

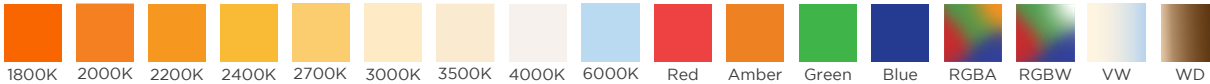
## AVAILABLE LENS FINISHES



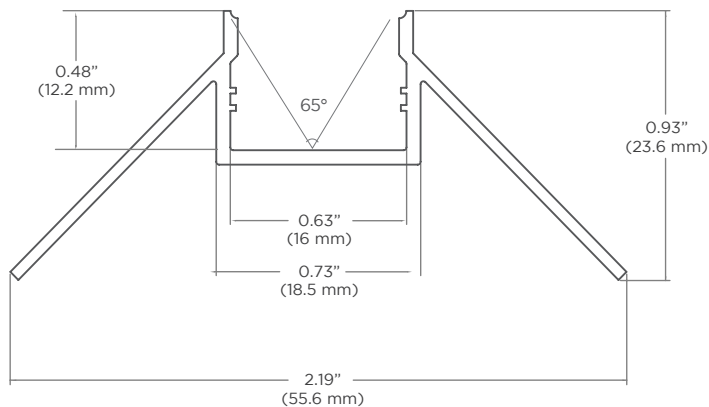
**Milky Lens**

70% Light Transmission

## AVAILABLE COLORS & COLOR TEMPERATURES



## DIMENSIONS



**Width:** 2.19 in. (55.6 mm)  
**Height:** 0.93 in. (23.6 mm)  
**Internal Width:** 0.63 in. (16 mm)

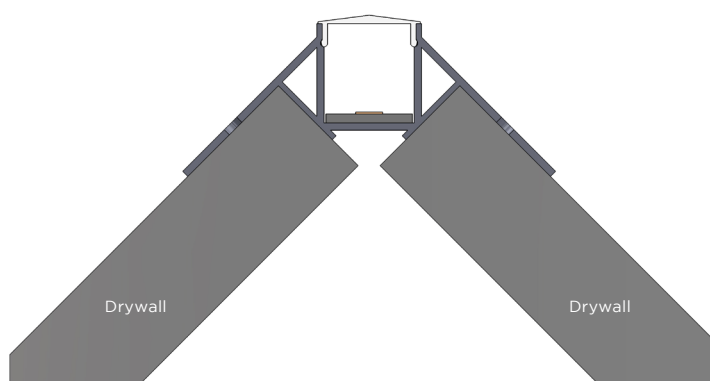
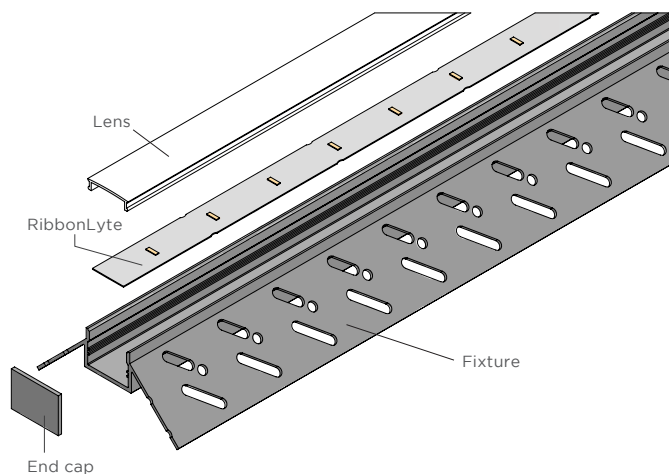
**Note:** This channel does not require mounting clips. Please see our installation guide for instructions.

## SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Beam Angle              | 65°                                                                                                                                                                                                                                                                                                                                                                                                      |
| Lens Type               | Milky Lens                                                                                                                                                                                                                                                                                                                                                                                               |
| Length                  | Channel is sold by the foot and cut to your exact desired length                                                                                                                                                                                                                                                                                                                                         |
| Operating Voltage       | 24V                                                                                                                                                                                                                                                                                                                                                                                                      |
| Dimming                 | MLV / 0-10 Volt / Lutron Hi-Lume 1% dimming LED drivers / Lutron VIVE code compliance available / ELV / DALI / DMX                                                                                                                                                                                                                                                                                       |
| Operating Temperature   | -40° F to 158° F (-40° C to 70° C)                                                                                                                                                                                                                                                                                                                                                                       |
| Colors                  | 1800K, 2000K, 2200K, 2400K, 2700K, 3000K, 3500K, 4000K, 6000K, Red, Amber, Green, Blue, RGBA, RGBW, VW, Warm Dim (1800K, 2000K, 2200K only available in IP20)                                                                                                                                                                                                                                            |
| CRI                     | 90+ CRI (Static white only)                                                                                                                                                                                                                                                                                                                                                                              |
| Lamp Life               | L70 at 50,000 Hours                                                                                                                                                                                                                                                                                                                                                                                      |
| MacAdam Ellipses (SDCM) | 2-Step Binning (For Static White LEDs only)                                                                                                                                                                                                                                                                                                                                                              |
| Certifications          | ETL Listed: UL 2108 Issued: 2004/02/27 Ed: 1 Rev: 2014/02/24 Low Voltage Lighting Systems<br>CSA C22.2#9.0 Issued: 1996/06/01 Ed: 1 (R2011) General Requirements for Luminaires;<br>with Gen. Inst. 1: 1997, Gen Inst. 2: 1998. ROHS compliant UL 2108 - Low Voltage Lighting Systems<br>UL 8750 - Light Emitting Diode (LED) Equipment for Use in Lighting Products UL 1598 / CSA 250.0-08 - Luminaires |
| Width                   | 2.19 in (55.6 mm)                                                                                                                                                                                                                                                                                                                                                                                        |
| Height                  | 0.93 in (23.6 mm)                                                                                                                                                                                                                                                                                                                                                                                        |
| Length                  | Sold by the foot - factory cuttable to any length                                                                                                                                                                                                                                                                                                                                                        |
| Internal Width          | 0.63 in (16 mm)                                                                                                                                                                                                                                                                                                                                                                                          |

EXPLODED VIEW

END VIEW



See basic installation steps on page 6.

## STEP 1 Complete Channel Part Number

| CHANNEL                                            | LENS           | HOUSING COLOR |
|----------------------------------------------------|----------------|---------------|
| <b>CHSCC1</b>                                      | <b>M</b>       | <b>SV</b>     |
| CHSCC1 - Simply Clean™ SC1 Recessed Corner Fixture | M - Milky Lens | SV - Silver   |

## STEP 2 Complete RibbonLyte Part Number

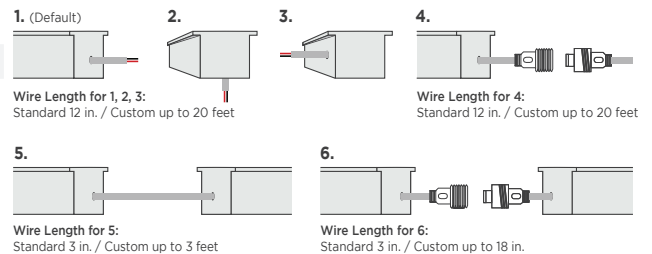
| CATEGORY        | CRI                              | RIBBON TYPE & IP RATING        |                               |                           |
|-----------------|----------------------------------|--------------------------------|-------------------------------|---------------------------|
| <b>RB</b>       |                                  |                                |                               |                           |
| RB - RibbonLyte | 0 - Static Color, Color Changing | SWS220 - Static White S2 IP20  | RGBWS220 - RGBW Series 2 IP20 | VWS220 - VW Series 2 IP20 |
|                 | 90 - 90+ CRI Static White        | SCS220 - Static Colors S2 IP20 | RGBWA20 - RGBW/RGBA IP20      | WD20 - Warm Dim IP20      |

| WATTAGE                                                                | COLOR                                                  |
|------------------------------------------------------------------------|--------------------------------------------------------|
| 0.75 - 0.75 W/ft (2.46 W/m - Static White, Static Color)               | 18 - 1800K                                             |
| 1.0 - 1.0 W/ft (3.3 W/m - Variable White)                              | 20 - 2000K                                             |
| 1.5 - 1.5 W/ft (4.9 W/m - Static White, Static Color)                  | 22 - 2200K                                             |
| 2.2 - 2.2 W/ft (7.2 W/m - Static White, Static Color)                  | 24 - 2400K                                             |
| 3.0 - 3.0 W/ft (9.8 W/m - Static White, Static Color, Variable White)  | 27 - 2700K                                             |
| 4.4 - 4.4 W/ft (14.4 W/m - Static White, Static Color, RGBW, RGBA)     | 30 - 3000K                                             |
| 5.0 - 5.0 W/ft (16.4 W/m - Static White, Static Color)                 | 35 - 3500K                                             |
| 5.2 - 5.2 W/ft (17.1 W/m - Warm Dim)                                   | 40 - 4000K                                             |
| 5.5 - 5.5 W/ft (18.0 W/m - RGBW, RGBA)                                 | 60 - 6000K                                             |
| 6.0 - 6.0 W/ft (19.7 W/m - Static White, Static Color, Variable White) | R - Red                                                |
| 8.8 - 8.8 W/ft (28.9 W/m - RGBW)                                       | A - Amber                                              |
|                                                                        | G - Green                                              |
|                                                                        | B - Blue                                               |
|                                                                        | VW - Variable White                                    |
|                                                                        | RGB27 - Red, Green, Blue + 2700K                       |
|                                                                        | RGB30 - Red, Green, Blue + 3000K                       |
|                                                                        | RGB40 - Red, Green, Blue + 4000K                       |
|                                                                        | RGB60 - Red, Green, Blue + 6000K                       |
|                                                                        | RGBA - Red, Green, Blue + Amber                        |
|                                                                        | 2920 - Warm Dim 2900K - 2000K (IP20)                   |
|                                                                        | 2721 - Warm Dim 2700K - 2100K (IP65+IP68)              |
|                                                                        | Z - Undecided**                                        |
|                                                                        | ** 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 |                                                               |



RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

| Available Wattages         | Cuttable Length   | LED Pitch               | Color Temp. | lm/W without Lens | Delivered Lumens with Milky Lens | Max Length                                              | Compatible with Channel IP20 |
|----------------------------|-------------------|-------------------------|-------------|-------------------|----------------------------------|---------------------------------------------------------|------------------------------|
| 0.75 Static White Series 2 | 1.97 in. (50 mm)  | 48 LEDs/ft (160 LEDs/m) | 1800K       | 84                | 44.1 lm/ft (144.6 lm/m)          | IP20: 49 ft (15 m)<br>IP65/IP68: 32.8 ft (10 m)         | ✓                            |
|                            |                   |                         | 2000K       | 99                | 52 lm/ft (170.6 lm/m)            |                                                         |                              |
|                            |                   |                         | 2200K       | 109               | 57.2 lm/ft (187.6 lm/m)          |                                                         |                              |
|                            |                   |                         | 2400K       | 113               | 59.3 lm/ft (194.5 lm/m)          |                                                         |                              |
|                            |                   |                         | 2700K       | 123               | 64.6 lm/ft (211.9 lm/m)          |                                                         |                              |
|                            |                   |                         | 3000K       | 123               | 64.6 lm/ft (211.9 lm/m)          |                                                         |                              |
|                            |                   |                         | 3500K       | 130               | 68.3 lm/ft (224 lm/m)            |                                                         |                              |
|                            |                   |                         | 4000K       | 134               | 70.4 lm/ft (230.9 lm/m)          |                                                         |                              |
|                            |                   |                         | 6000K       | 131               | 68.8 lm/ft (225.7 lm/m)          |                                                         |                              |
| 1.5 Static White Series 2  | 1.97 in. (50 mm)  | 48 LEDs/ft (160 LEDs/m) | 1800K       | 84                | 88.2 lm/ft (289.3 lm/m)          | IP20: 49 ft (15 m)<br>IP65/IP68: 32.8 ft (10 m)         | ✓                            |
|                            |                   |                         | 2000K       | 98                | 102.9 lm/ft (337.5 lm/m)         |                                                         |                              |
|                            |                   |                         | 2200K       | 109               | 114.5 lm/ft (375.6 lm/m)         |                                                         |                              |
|                            |                   |                         | 2400K       | 113               | 118.7 lm/ft (389.3 lm/m)         |                                                         |                              |
|                            |                   |                         | 2700K       | 123               | 129.2 lm/ft (423.8 lm/m)         |                                                         |                              |
|                            |                   |                         | 3000K       | 123               | 129.2 lm/ft (423.8 lm/m)         |                                                         |                              |
|                            |                   |                         | 3500K       | 129               | 135.5 lm/ft (444.4 lm/m)         |                                                         |                              |
|                            |                   |                         | 4000K       | 134               | 140.7 lm/ft (461.5 lm/m)         |                                                         |                              |
|                            |                   |                         | 6000K       | 131               | 137.6 lm/ft (451.3 lm/m)         |                                                         |                              |
| 2.2 Static White Series 2  | 1.97 in. (50 mm)  | 48 LEDs/ft (160 LEDs/m) | 1800K       | 83                | 127.8 lm/ft (419.2 lm/m)         | IP20: 42 ft (12.8 m)<br>IP65/IP68: 32.8 ft (10 m)       | ✓                            |
|                            |                   |                         | 2000K       | 96                | 147.8 lm/ft (484.8 lm/m)         |                                                         |                              |
|                            |                   |                         | 2200K       | 106               | 163.2 lm/ft (535.3 lm/m)         |                                                         |                              |
|                            |                   |                         | 2400K       | 111               | 170.9 lm/ft (560.6 lm/m)         |                                                         |                              |
|                            |                   |                         | 2700K       | 120               | 184.8 lm/ft (606.1 lm/m)         |                                                         |                              |
|                            |                   |                         | 3000K       | 122               | 187.9 lm/ft (616.3 lm/m)         |                                                         |                              |
|                            |                   |                         | 3500K       | 127               | 195.6 lm/ft (641.6 lm/m)         |                                                         |                              |
|                            |                   |                         | 4000K       | 133               | 204.8 lm/ft (671.7 lm/m)         |                                                         |                              |
|                            |                   |                         | 6000K       | 128               | 197.1 lm/ft (646.5 lm/m)         |                                                         |                              |
| 3.0 Static White Series 2  | 1.97 in. (50 mm)  | 48 LEDs/ft (160 LEDs/m) | 2400K       | 109.8             | 230.6 lm/ft (756.5 lm/m)         | IP20: 36 ft (11 m)<br>IP65/IP68: 32.8 ft (10 m)         | ✓                            |
|                            |                   |                         | 2700K       | 122.9             | 258.1 lm/ft (846.7 lm/m)         |                                                         |                              |
|                            |                   |                         | 3000K       | 130               | 273 lm/ft (895.3 lm/m)           |                                                         |                              |
|                            |                   |                         | 3500K       | 133               | 279.3 lm/ft (916.1 lm/m)         |                                                         |                              |
|                            |                   |                         | 4000K       | 133               | 279.3 lm/ft (916.1 lm/m)         |                                                         |                              |
|                            |                   |                         | 6000K       | 127               | 266.6 lm/ft (874.5 lm/m)         |                                                         |                              |
| 4.4 Static White Series 2  | 1.97 in. (50 mm)  | 48 LEDs/ft (160 LEDs/m) | 2400K       | 109               | 335.7 lm/ft (1101.2 lm/m)        | 28 ft 4 in. (8.64 m)                                    | ✓                            |
|                            |                   |                         | 2700K       | 122               | 375.8 lm/ft (1232.5 lm/m)        |                                                         |                              |
|                            |                   |                         | 3000K       | 129               | 397.3 lm/ft (1303.2 lm/m)        |                                                         |                              |
|                            |                   |                         | 3500K       | 132               | 406.6 lm/ft (1333.5 lm/m)        |                                                         |                              |
|                            |                   |                         | 4000K       | 132               | 406.6 lm/ft (1333.5 lm/m)        |                                                         |                              |
|                            |                   |                         | 6000K       | 126               | 388.1 lm/ft (1272.9 lm/m)        |                                                         |                              |
| 5.0 Static White Series 2  | 1.4 in. (35.7 mm) | 68 LEDs/ft (224 LEDs/m) | 2400K       | 109.8             | 384.4 lm/ft (1260.8 lm/m)        | IP20: 33 ft 4 in. (10.1 m)<br>IP65/IP68: 32.8 ft (10 m) | ✓                            |
|                            |                   |                         | 2700K       | 122.9             | 430.2 lm/ft (1411.2 lm/m)        |                                                         |                              |
|                            |                   |                         | 3000K       | 130               | 454.9 lm/ft (1492.1 lm/m)        |                                                         |                              |
|                            |                   |                         | 3500K       | 133               | 465.5 lm/ft (1526.8 lm/m)        |                                                         |                              |
|                            |                   |                         | 4000K       | 133               | 465.5 lm/ft (1526.8 lm/m)        |                                                         |                              |
|                            |                   |                         | 6000K       | 127               | 444.3 lm/ft (1457.4 lm/m)        |                                                         |                              |



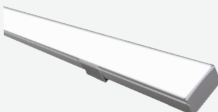
RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

| Available Watt-ages         | Cuttable Length      | LED Pitch                  | Color Temp.   | lm/W without Lens | Delivered Lumens with Milky Lens | Max Length                                                        | Compatible with Channel IP20 |
|-----------------------------|----------------------|----------------------------|---------------|-------------------|----------------------------------|-------------------------------------------------------------------|------------------------------|
| 6.0 Static White Series 2   | 1.4 in.<br>(35.7 mm) | 68 LEDs/ft<br>(224 LEDs/m) | 2400K         | 109               | 457.8 lm/ft (1501.6 lm/m)        | 28 ft<br>(8.5 m)                                                  | ✓                            |
|                             |                      |                            | 2700K         | 122               | 512.4 lm/ft (1680.7 lm/m)        |                                                                   |                              |
|                             |                      |                            | 3000K         | 129               | 541.8 lm/ft (1777.1 lm/m)        |                                                                   |                              |
|                             |                      |                            | 3500K         | 132               | 554.4 lm/ft (1818.4 lm/m)        |                                                                   |                              |
|                             |                      |                            | 4000K         | 132               | 554.4 lm/ft (1818.4 lm/m)        |                                                                   |                              |
|                             |                      |                            | 6000K         | 126               | 529.2 lm/ft (1735.8 lm/m)        |                                                                   |                              |
| 0.75 Static Color Series 2  | 1.97 in.<br>(50 mm)  | 48 LEDs/ft<br>(160 LEDs/m) | Red           | 41                | 22 lm/ft (70.6 lm/m)             | IP20:<br>49 ft<br>(15 m)<br><br>IP65/IP68:<br>32.8 ft<br>(10 m)   | ✓                            |
|                             |                      |                            | Green         | 175               | 92 lm/ft (301.4 lm/m)            |                                                                   |                              |
|                             |                      |                            | Blue          | 19                | 10 lm/ft (32.7 lm/m)             |                                                                   |                              |
|                             |                      |                            | Amber         | 34                | 18 lm/ft (58.6 lm/m)             |                                                                   |                              |
| 1.5 Static Color Series 2   | 1.97 in.<br>(50 mm)  | 48 LEDs/ft<br>(160 LEDs/m) | Red           | 42                | 44 lm/ft (144.7 lm/m)            | IP20:<br>49 ft<br>(15 m)<br><br>IP65/IP68:<br>32.8 ft<br>(10 m)   | ✓                            |
|                             |                      |                            | Green         | 160               | 168 lm/ft (551.1 lm/m)           |                                                                   |                              |
|                             |                      |                            | Blue          | 18                | 19 lm/ft (62 lm/m)               |                                                                   |                              |
|                             |                      |                            | Amber         | 34                | 36 lm/ft (117.1 lm/m)            |                                                                   |                              |
| 2.2 Static Color Series 2   | 1.97 in.<br>(50 mm)  | 48 LEDs/ft<br>(160 LEDs/m) | Red           | 42                | 65 lm/ft (212.2 lm/m)            | IP20:<br>42 ft<br>(12.8 m)<br><br>IP65/IP68:<br>32.8 ft<br>(10 m) | ✓                            |
|                             |                      |                            | Green         | 145               | 223 lm/ft (732.4 lm/m)           |                                                                   |                              |
|                             |                      |                            | Blue          | 18                | 28 lm/ft (90.9 lm/m)             |                                                                   |                              |
|                             |                      |                            | Amber         | 33                | 51 lm/ft (166.7 lm/m)            |                                                                   |                              |
| 3.0 Static Color Series 2   | 1.97 in.<br>(50 mm)  | 48 LEDs/ft<br>(160 LEDs/m) | Red           | 40                | 84.0 lm/ft (275.52 lm/m)         | 32.8 ft<br>(10 m)                                                 | ✓                            |
|                             |                      |                            | Green         | 127               | 266.7 lm/ft (874.776 lm/m)       |                                                                   |                              |
|                             |                      |                            | Blue          | 25                | 52.5 lm/ft (172.2 lm/m)          |                                                                   |                              |
|                             |                      |                            | Amber         | 29                | 60.9 lm/ft (199.752 lm/m)        |                                                                   |                              |
| 4.4 Static Color Series 2   | 1.97 in.<br>(50 mm)  | 48 LEDs/ft<br>(160 LEDs/m) | Red           | 38                | 117.0 lm/ft (383.8912 lm/m)      | 29 ft<br>(8.8 m)                                                  | ✓                            |
|                             |                      |                            | Green         | 117               | 360.4 lm/ft (1181.981 lm/m)      |                                                                   |                              |
|                             |                      |                            | Blue          | 24                | 73.9 lm/ft (242.4576 lm/m)       |                                                                   |                              |
|                             |                      |                            | Amber         | 25                | 77.0 lm/ft (252.56 lm/m)         |                                                                   |                              |
| 5.0 Static Color Series 2   | 1.4 in.<br>(35.7 mm) | 68 LEDs/ft<br>(224 LEDs/m) | Red           | 37                | 129.5 lm/ft (424.76 lm/m)        | 30 ft<br>(9.14 m)                                                 | ✓                            |
|                             |                      |                            | Green         | 116               | 406.0 lm/ft (1331.68 lm/m)       |                                                                   |                              |
|                             |                      |                            | Blue          | 24                | 84.0 lm/ft (275.52 lm/m)         |                                                                   |                              |
|                             |                      |                            | Amber         | 26                | 91.0 lm/ft (298.48 lm/m)         |                                                                   |                              |
| 6.0 Static Color Series 2   | 1.4 in.<br>(35.7 mm) | 68 LEDs/ft<br>(224 LEDs/m) | Red           | 37                | 155.4 lm/ft (509.712 lm/m)       | 28 ft<br>(8.5 m)                                                  | ✓                            |
|                             |                      |                            | Green         | 113               | 474.6 lm/ft (1556.688 lm/m)      |                                                                   |                              |
|                             |                      |                            | Blue          | 23                | 96.6 lm/ft (316.9 lm/m)          |                                                                   |                              |
|                             |                      |                            | Amber         | 24                | 100.8 lm/ft (330.7 lm/m)         |                                                                   |                              |
| 1.0 Variable White Series 2 | 1.97 in.<br>(50 mm)  | 42 LEDs/ft (140 LEDs/m)    | 2000K + 6500K | 85                | 60 lm/ft (200 lm/m)              | 32.8 ft<br>(10 m)                                                 | ✓                            |
| 3.0 Variable White Series 2 | 1.97 in.<br>(50 mm)  | 42 LEDs/ft (140 LEDs/m)    | 2000K + 6500K | 80                | 168.0 lm/ft (551.2 lm/m)         | 32.8 ft<br>(10 m)                                                 | ✓                            |
| 6.0 Variable White Series 2 | 1.97 in.<br>(50 mm)  | 42 LEDs/ft (140 LEDs/m)    | 2000K + 6500K | 75                | 315.0 lm/ft (1033.5 lm/m)        | 32.8 ft<br>(10 m)                                                 | ✓                            |

## SPECIFICATIONS

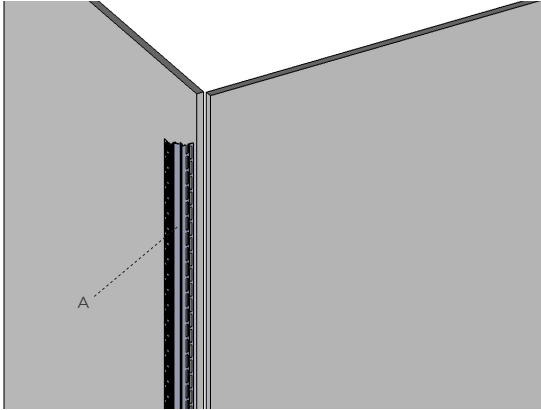
| Available Wattages | Cuttable Length   | LED Pitch               | Color Temp. | lm/W without Lens | Delivered Lumens with Milky Lens              | Max Length          | Compatible with Channel IP20 |
|--------------------|-------------------|-------------------------|-------------|-------------------|-----------------------------------------------|---------------------|------------------------------|
| 4.4 RGBW Series 2  | 1.97 in. (50 mm)  | 36 LEDs/ft (120 LEDs/m) | RGBW        | 45                | 138.6 lm/ft (454.7 lm/m)<br>All LEDs at 100%  | 19 ft 8 in. (6 m)   | ✓                            |
| 8.8 RGBW Series 2  | 1.97 in. (50 mm)  | 36 LEDs/ft (120 LEDs/m) | RGBW        | 61                | 375.8 lm/ft (1232.9 lm/m)<br>All LEDs at 100% | 16 ft 4 in. (5 m)   | ✓                            |
| 5.5 4-in-1 RGBW    | 3.94 in. (100 mm) | 18 LEDs/ft (60 LEDs/m)  | RGBW        | 51                | 195.3 lm/ft (640.5 lm/m)<br>All LEDs at 100%  | 19 ft 7.9 in. (6 m) | ✓                            |
| 5.5 4-in-1 RGBA    | 3.94 in. (100 mm) | 18 LEDs/ft (60 LEDs/m)  | RGBA        | 27                | 195.3 lm/ft (640.5 lm/m)<br>All LEDs at 100%  | 19 ft 7.9 in. (6 m) | ✓                            |
| 5.2 Warm Dim       | 3.94 in. (100 mm) | 36 LEDs/ft (120 LEDs/m) | WARM DIM    | 55                | 201.6 lm/ft (661.5 lm/m)                      | 16 ft 4 in. (5 m)   | ✓                            |

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

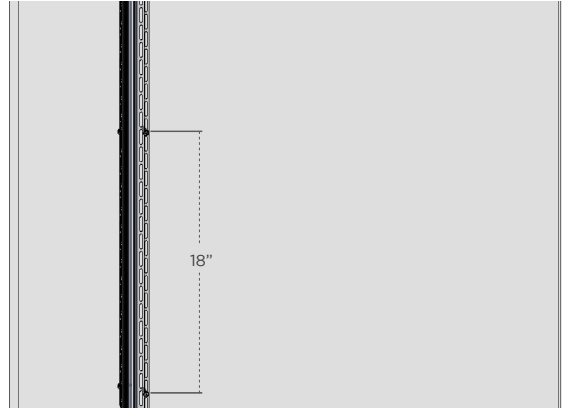
|                                                                                    |          |          |                             |                         |               |                                                                                     |               |          |                               |  |  |
|------------------------------------------------------------------------------------|----------|----------|-----------------------------|-------------------------|---------------|-------------------------------------------------------------------------------------|---------------|----------|-------------------------------|--|--|
|  |          |          | No Visible Diode = <b>N</b> |                         |               |  |               |          | With Visible Diode = <b>Y</b> |  |  |
| Static White & Static Color RibbonLyte                                             |          |          | Color Changing RibbonLyte   |                         |               |                                                                                     |               |          |                               |  |  |
| 0.75/1.5/2.2                                                                       | 3.0/4.4  | 5.0/6.0  | 4.4<br>RGBW<br>Series 2     | 8.8<br>RGBW<br>Series 2 | 4.4<br>RGBW/A | 5.5<br>4-in-1<br>RGBW/A                                                             | 8.8<br>RGBW/A | Warm Dim | Variable White                |  |  |
| IP20                                                                               | IP20     | IP20     | IP20                        | IP20                    | IP20          | IP20                                                                                | IP20          | IP20     | IP20                          |  |  |
| <b>N</b>                                                                           | <b>N</b> | <b>N</b> | <b>Y</b>                    | <b>Y</b>                | <b>Y</b>      | <b>N</b>                                                                            | <b>N</b>      | <b>N</b> | <b>N</b>                      |  |  |

## BASIC INSTALLATION

1. Measure and cut a recess of 0.84 inches in the drywall corner and place the Fixture (A) into the recess, making sure the flanges sit flush on both walls.



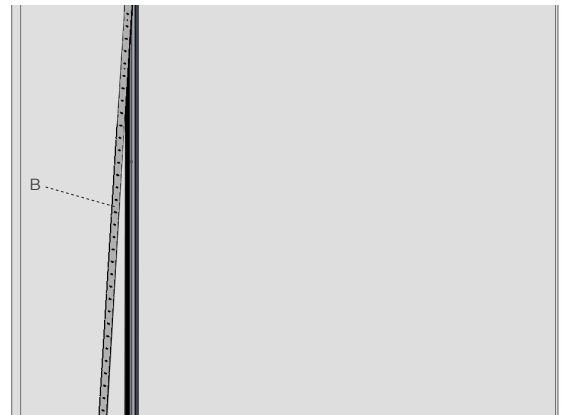
2. Fasten the Fixture (A) by inserting drywall screws\*\* through the flanges on both sides approximately every 18".



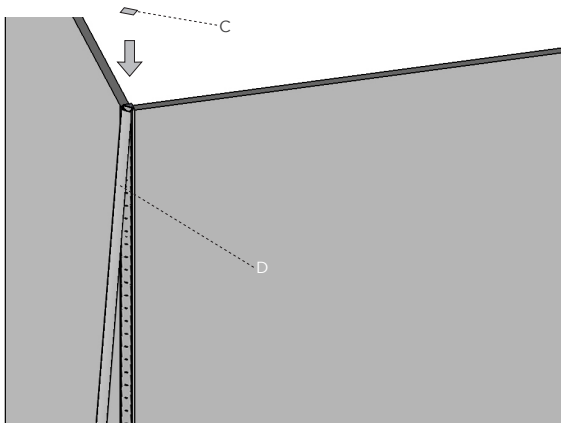
3. Plaster over the flanges and screws up to the lip in the fixture to create a seamless joint. Use plaster tape to preserve the lens and visible portion of the Fixture (A).



4. Insert the RibbonLyte (B) into the fixture. Align and snap fit a RibbonLyte.



5. Insert the Lens (D) by snapping it into place. Press fit the End Cap (C) to complete the assembly.



\* See SC-Corner1 installation guide for full installation steps.

\*\* Recommended screw size: 4-40/48 countersunk flathead

## 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

### LUTRON HI-LUME DRIVERS



#### 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



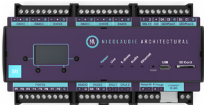
**1 ZONE WALL CONTROLLER**  
Part Number: DMXCTRLG



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



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



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



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



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



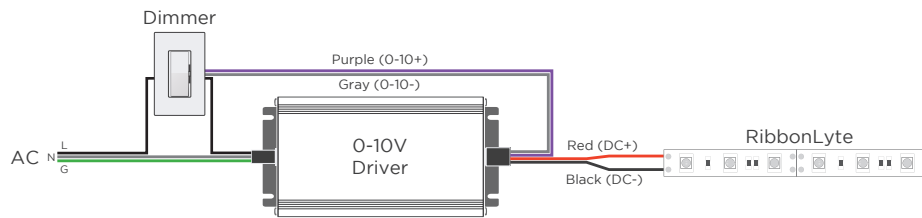
**DMX OPTO SPLITTER**  
Part Number: DMXOS8

DRIVER AND RIBBONLYTE AT FULL LOAD

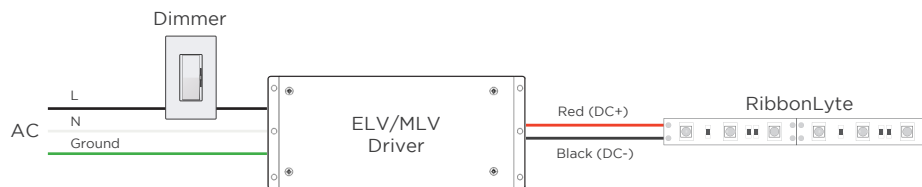
| Wattages   | 30   |        | 60   |        | 96   |        | 150  |        | 200  |        | 240  |        | 300  |        | 320  |        |
|------------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|------|--------|
| Wire Gauge |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

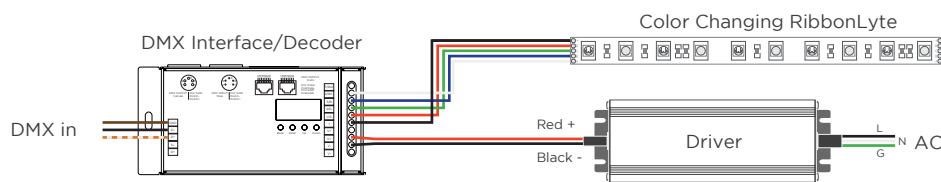
### 0-10V



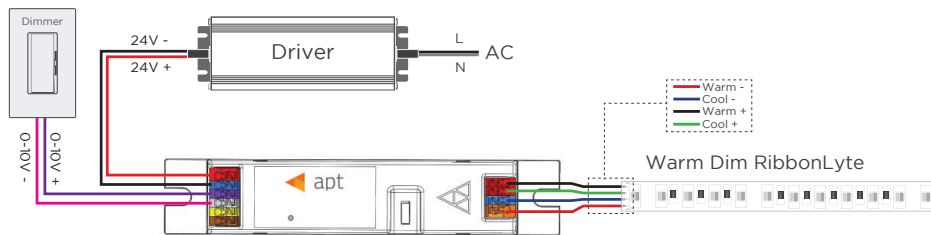
### MLV / ELV



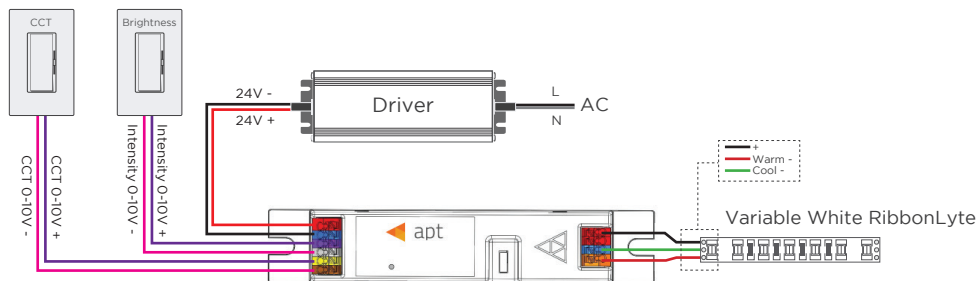
### DMX



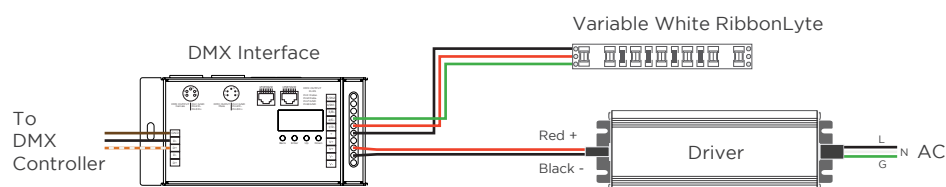
### WARM DIM



### 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