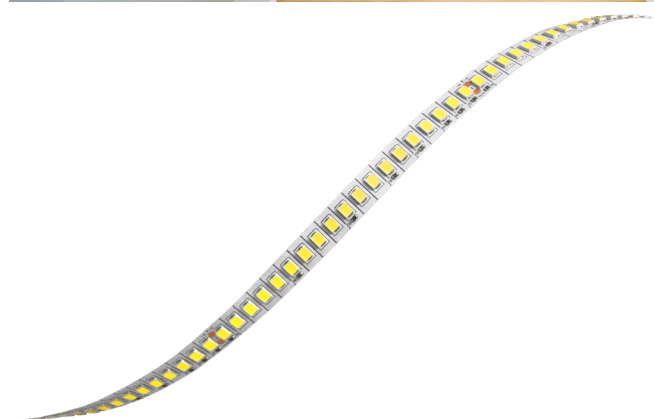


### 3.0 STATIC WHITE XACTA RIBBONLYTE

Xacta RibbonLyte is the most precise RibbonLyte we've ever created. Xacta RibbonLyte lets you cut between any LED to create custom fixtures of any exact length. Available in nine brilliant CCTs (1800K-6000K), dimmable Static White Xacta RibbonLyte offers 92+ CRI and cuttable lengths in increments of just 0.2 in. (5 mm). Design custom Xacta RibbonLyte fixtures with Acolyte channel fixtures.

- Cuttable every 0.2 in. (5 mm)
- 3.0 W/ft (9.8 W/m)
- 9 white color temperatures
- 115.6 lm/W
- 349.7 lm/ft (1147.4 lm/m) @ 3500K
- 92+ CRI
- Closet rated in channel applications



RoHS

IP20



Declare.

### ORDERING GUIDE

| Category        | CRI                       | Ribbon Type & IP Rating         | Wattage & Color Temperature      |                                  |
|-----------------|---------------------------|---------------------------------|----------------------------------|----------------------------------|
| RB              | 90                        | XACTA20                         |                                  |                                  |
| RB - RIBBONLYTE | 90 - 90+ CRI Static White | XACTA20 - Xacta RibbonLyte IP20 | 3.018 - 3.0 W/ft (9.8 W/m) 1800K | 3.030 - 3.0 W/ft (9.8 W/m) 3000K |
|                 |                           |                                 | 3.020 - 3.0 W/ft (9.8 W/m) 2000K | 3.035 - 3.0 W/ft (9.8 W/m) 3500K |
|                 |                           |                                 | 3.022 - 3.0 W/ft (9.8 W/m) 2200K | 3.040 - 3.0 W/ft (9.8 W/m) 4000K |
|                 |                           |                                 | 3.024 - 3.0 W/ft (9.8 W/m) 2400K | 3.060 - 3.0 W/ft (9.8 W/m) 6000K |
|                 |                           |                                 | 3.027 - 3.0 W/ft (9.8 W/m) 2700K |                                  |

### CONNECTION OPTIONS

#### 1. End Feed Bare Wire Connection (Default Option)



#### 2. IP67 Connector Input



#### 3. Soldered Daisy Chain



#### 4. Daisy Chain with IP67 Connectors



#### 5. Bare Wire on Both Ends

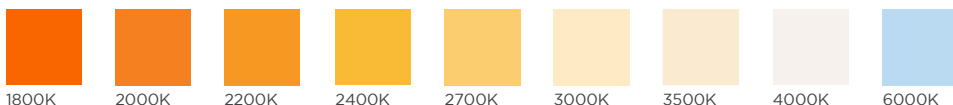


#### Standard cable length if not specified:

1. 12 in. cable with bare wire (custom length up to 20 feet)
2. Standard 12 in. cable with IP67 connectors (custom length up to 10 feet)
3. Daisy chain with 3 in. cable between runs (custom length up to 36 in.)

4. 3 in. cable between IP67 connector and RibbonLyte (custom length up to 18 in.)
  5. Standard 12 in. cable with bare wire (custom length up to 10 feet)
- Note: IP67 connectors are used for both IP20 and IP65/IP68 RibbonLyte

### AVAILABLE COLOR TEMPERATURES



SPECIFICATIONS / DIAGRAM / USAGE GUIDELINES

| 3.0 STATIC WHITE XACTA RIBBONLYTE |                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operating Voltage                 | 24 V                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Power Consumption                 | 3.0 W/ft (9.8 W/m)                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Current (mA) - 24V                | 126.1 mA/ft (413.7 mA/m)                                                                                                                                                                                                                                                                                                                                                                                                                        |
| LED Pitch                         | 61 LEDs/ft (200 LEDs/m)                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Protection Rating                 | IP20                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Dimming/Control                   | MLV / 0-10 Volt / ELV / DALI                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Operating Temperature             | -40 — 158 °F (-40 — 70 °C)                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Colors Temperatures               | 1800K, 2000K, 2200K, 2400K, 2700K, 3000K, 3500K, 4000K, 6000K                                                                                                                                                                                                                                                                                                                                                                                   |
| Lumens                            | 349.7 lm/ft (1147.4 lm/m) @ 3500K                                                                                                                                                                                                                                                                                                                                                                                                               |
| LED Beam Angle                    | 120°                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Lifetime (L70 reported)           | 50,000 hours                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Cutable Length                    | 0.2 in (5 mm)                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| CRI - All Color Temp.             | 92+ CRI                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Lumens/Watt                       | 115.6 lm/W @ 3500K                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Constant Voltage                  | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Certifications                    | <p>UL 2108 Issued: 2016/06/17 Ed: 1 Rev: 2021/10/16 Low Voltage Lighting Systems.<br/>CSA C22.2 No. 250.0, General Requirements for Luminaires.<br/>RoHS compliant.</p> <p>All RibbonLyte models 3.0 W/ft (9.8 W/m) and lower when used in any Acolyte Channel profile except Piccolo are tested by UL and confirmed 'Suitable for Installation in the Storage Area of a Clothes Closet' in accordance with NFPA 70 and NEC 410.16 and 411.</p> |
| Warranty                          | Suitable for use in closets, compliant with NFPA® 70, NEC® Section 410.16 (A)(3) and 410.16 (C)(5). IP20: 6 years                                                                                                                                                                                                                                                                                                                               |

| 24V DIMENSIONS | Top View                                                                                                                 | Side View                                                                             | Dimensions                                                                               |
|----------------|--------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| IP20           |  <p>CUTTABLE EVERY: 0.2 in (5 mm)</p> |  | <p>Width 0.31 in (8 mm)<br/>Max Length 23.62 ft (7.2 m)<br/>Height 0.06 in (1.45 mm)</p> |

OPTIONAL ACCESSORY

| Flat Mounting Clip                                                                                               | 0.5 in. VHB Tape*                                                                                                                                                                        |
|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p>Part Number: RBMNTSIL</p> |  <p>Provides superior holding power in surface mounted applications<br/>Part Number: VHBTAPE0.5BK</p> |

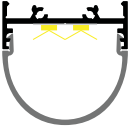
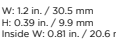
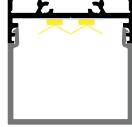
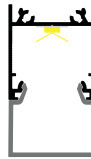
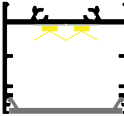
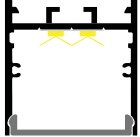
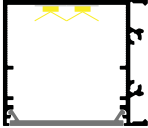
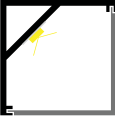
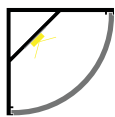
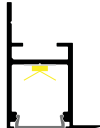
\* RibbonLyte comes with an adhesive backing, but Acolyte recommends using VHB Tape for extra support in surface mounted applications.

USAGE GUIDELINES

- When installing this product, consider the surface temperature of the material where it will be mounted. Many building surfaces which are exposed to direct sunlight exceed the 70 °C / 158 °F maximum for which our product is rated. High-risk locations like this should be avoided.
- IP20 RibbonLyte products are for indoor use in dry areas.
- Please refer to the RibbonLyte Proper Usage Guide in our Application Guide for more information. Available for download at AcolyteLED.com.
- This product is compatible with a wide variety of control products including the entire line of Lutron dimming systems.
- For use with Acolyte drivers, 0-10V dimming modules and interface controllers (DMXINF models).
- Use with non-Acolyte supplied drivers is not supported or warrantied.
- Due to the nature of RibbonLyte products, cuttable lengths are generally longer or shorter than the customer requested length. Unless specified, RibbonLyte is factory cut at the shorter cuttable point.
- We reserve the right to make changes to product lineup, specifications, design and finishes at any time without notice.

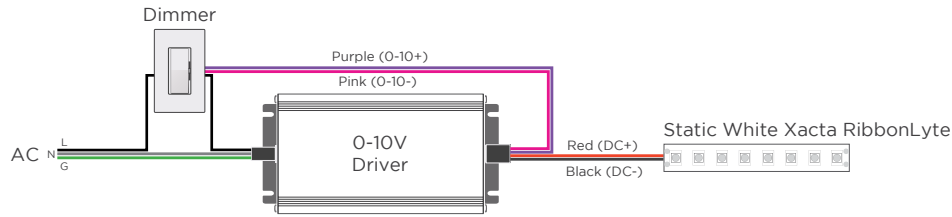
Acolyte does not warrant or represent that the information is free from errors or omission. The information may change without notice and Acolyte is not in any way liable for the accuracy of any information printed and stored or in any way interpreted or used.

CHANNEL COMPATIBILITY / CHANNEL OPTIONS

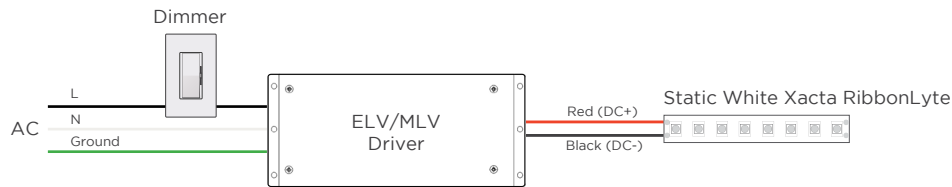
| CHANNEL | IP20 | SURFACE CHANNELS                                                                                                                                                                                                                                                   |  |  |  |  |  |
|---------|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|
| AC1     | ✓    |  <p><b>AS1</b><br/>W: 0.68 in. / 17.2 mm<br/>H: 0.34 in. / 8.7 mm<br/>Inside: 0.57 in. / 14.6 mm</p>                                                                              |  |  |  |  |  |
| AC2     | ✓    |                                                                                                                                                                                                                                                                    |  |  |  |  |  |
| AC3     | ✓    |                                                                                                                                                                                                                                                                    |  |  |  |  |  |
| AC4     | ✓    |                                                                                                                                                                                                                                                                    |  |  |  |  |  |
| AC5     | ✓    |                                                                                                                                                                                                                                                                    |  |  |  |  |  |
| AR1     | ✓    |                                                                                                                                                                                                                                                                    |  |  |  |  |  |
| AR3     | ✓    |                                                                                                                                                                                                                                                                    |  |  |  |  |  |
| AR10    | ✓    |                                                                                                                                                                                                                                                                    |  |  |  |  |  |
| AR16    | ✓    |                                                                                                                                                                                                                                                                    |  |  |  |  |  |
| AR20    | ✓    |                                                                                                                                                                                                                                                                    |  |  |  |  |  |
| AR25    | ✓    |                                                                                                                                                                                                                                                                    |  |  |  |  |  |
| AR30    | ✓    |                                                                                                                                                                                                                                                                    |  |  |  |  |  |
| AR33    |      |                                                                                                                                                                                                                                                                    |  |  |  |  |  |
| AS1     | ✓    |  <p><b>AS13 / round milky</b><br/>W: 1.31 in. / 33.4 mm<br/>H: 1.29 in. / 32.7 mm<br/>Inside W: 1.22 in. / 31 mm<br/>Inside H: 1 in. / 25.3 mm</p>                                |  |  |  |  |  |
| AS2     | ✓    |                                                                                                                                                                                                                                                                    |  |  |  |  |  |
| AS3     | ✓    |                                                                                                                                                                                                                                                                    |  |  |  |  |  |
| AS6     | ✓    |                                                                                                                                                                                                                                                                    |  |  |  |  |  |
| AS10    | ✓    |                                                                                                                                                                                                                                                                    |  |  |  |  |  |
| AS13    | ✓    |                                                                                                                                                                                                                                                                    |  |  |  |  |  |
| AS16    | ✓    |                                                                                                                                                                                                                                                                    |  |  |  |  |  |
| AS20G   | ✓    |                                                                                                                                                                                                                                                                    |  |  |  |  |  |
| AS23    | ✓    |                                                                                                                                                                                                                                                                    |  |  |  |  |  |
| AS30    | ✓    |                                                                                                                                                                                                                                                                    |  |  |  |  |  |
| AS53    |      |                                                                                                                                                                                                                                                                    |  |  |  |  |  |
| AT4     | ✓    |                                                                                                                                                                                                                                                                    |  |  |  |  |  |
| AT5     | ✓    |                                                                                                                                                                                                                                                                    |  |  |  |  |  |
| AW12    | ✓    |                                                                                                                                                                                                                                                                    |  |  |  |  |  |
| AW14    | ✓    |                                                                                                                                                                                                                                                                    |  |  |  |  |  |
| AW38    | ✓    |                                                                                                                                                                                                                                                                    |  |  |  |  |  |
| B1      | ✓    |                                                                                                                                                                                                                                                                    |  |  |  |  |  |
| SC3     | ✓    |  <p><b>SC3</b><br/>W: 0.9 in. / 22.9 mm<br/>H: 0.31 in. / 7.87 mm<br/>Inside W: 0.49 in. / 12.5 mm</p>                                                                          |  |  |  |  |  |
| SC4     | ✓    |                                                                                                                                                                                                                                                                    |  |  |  |  |  |
| SC5     | ✓    |                                                                                                                                                                                                                                                                    |  |  |  |  |  |
| WH35    | ✓    |                                                                                                                                                                                                                                                                    |  |  |  |  |  |
|         |      |  <p><b>AR1</b><br/>W: 0.9 in. / 22.9 mm<br/>H: 0.31 in. / 7.87 mm<br/>Inside W: 0.49 in. / 12.5 mm</p>                                                                          |  |  |  |  |  |
|         |      |  <p><b>AR3</b><br/>W: 1.2 in. / 30.5 mm<br/>H: 0.39 in. / 9.9 mm<br/>Inside W: 0.81 in. / 20.6 mm</p>                                                                           |  |  |  |  |  |
|         |      |  <p><b>AR10</b><br/>W: 0.74 in. / 18.8 mm<br/>H: 0.47 in. / 12 mm<br/>Inside W: 0.39 in. / 10 mm<br/>Inside H: 0.44 in. / 11.2 mm</p>                                           |  |  |  |  |  |
|         |      |  <p><b>AR16</b><br/>W: 1.1 in. / 28 mm<br/>H: 0.73 in. / 18.6 mm<br/>Inside W: 0.65 in. / 16.4 mm<br/>Inside H: 0.64 in. / 16.2 mm</p>                                          |  |  |  |  |  |
|         |      |  <p><b>AR20</b><br/>W: 1.18 in. / 30 mm<br/>H: 0.8 in. / 20.4 mm<br/>Inside W: 0.83 in. / 21 mm<br/>Inside H: 0.73 in. / 18.5 mm</p>                                          |  |  |  |  |  |
|         |      |  <p><b>AR25</b><br/>W: 1.75 in. / 44.4 mm<br/>H: 0.94 in. / 24 mm<br/>Inside W: 1.22 in. / 31 mm<br/>Inside H: 0.91 in. / 23 mm</p>                                           |  |  |  |  |  |
|         |      |  <p><b>AR30</b><br/>W: 1.75 in. / 44.4 mm<br/>H: 0.55 in. / 14 mm<br/>Inside W: 1.22 in. / 31 mm<br/>Inside H: 0.51 in. / 13 mm</p>                                           |  |  |  |  |  |
|         |      |  <p><b>AR33</b><br/>W: 1.31 in. / 33.4 mm<br/>H: 1.29 in. / 32.7 mm<br/>Inside W: 1.22 in. / 31 mm<br/>Inside H: 1 in. / 25.3 mm</p>                                          |  |  |  |  |  |
|         |      |  <p><b>AS13 / square milky</b><br/>W: 1.31 in. / 33.4 mm<br/>H: 1.37 in. / 34.8 mm<br/>Inside W: 1.22 in. / 31 mm<br/>Inside H: 1.07 in. / 27.3 mm</p>                            |  |  |  |  |  |
|         |      |  <p><b>AS23</b><br/>W: 0.91 in. / 23 mm<br/>H: 0.99 in. / 25.1 mm<br/>Inside W: 0.83 in. / 21 mm<br/>Inside H: 0.72 in. / 18.2 mm</p>                                             |  |  |  |  |  |
|         |      |  <p><b>AS23 / square milky</b><br/>W: 0.91 in. / 23 mm<br/>H: 1.59 in. / 40.5 mm<br/>Inside W: 0.83 in. / 21 mm<br/>Inside H: 1.32 in. / 33.4 mm</p>                             |  |  |  |  |  |
|         |      |  <p><b>AS30</b><br/>W/H: 1.31 in. / 33.4 mm<br/>H: 1.17 in. / 29.6 mm<br/>Inside W: 1.17 in. / 29.8 mm<br/>Inside H: 0.93 in. / 23.6 mm</p>                                     |  |  |  |  |  |
|         |      |  <p><b>WH35</b><br/>W: 1.37 in. / 35 mm<br/>H: 1.47 in. / 37.5 mm<br/>Inside W: 1.23 in. / 31.2 mm<br/>Inside H: 1.23 in. / 31.2 mm</p>                                         |  |  |  |  |  |
|         |      |  <p><b>AT4</b><br/>W: 0.77 in. / 19.6 mm<br/>H: 0.74 in. / 18.8 mm<br/>Inside W: 0.66 in. / 16.8 mm</p>                                                                           |  |  |  |  |  |
|         |      |  <p><b>AT5</b><br/>W: 0.77 in. / 19.6 mm<br/>H: 0.74 in. / 18.8 mm<br/>Inside W: 0.66 in. / 16.8 mm</p>                                                                           |  |  |  |  |  |
|         |      |  <p><b>AW12</b><br/>W: 0.91 in. / 23 mm<br/>H: 2.17 in. / 55 mm<br/>Inside W: 0.56 in. / 14.2 mm<br/>Inside H: 0.22 in. / 5.5 mm</p>                                              |  |  |  |  |  |
|         |      |  <p><b>AW38</b><br/>W: 1.5 in. / 38 mm<br/>H: 1.31 in. / 33.4 mm<br/>Inside W: 1.22 in. / 31 mm<br/>Inside H: 1.17 in. / 29.8 mm</p>                                             |  |  |  |  |  |
|         |      |  <p><b>B1</b><br/>W: 0.77 in. / 19.6 mm<br/>H: 0.26 in. / 6.5 mm<br/>Inside W: 0.69 in. / 17.6 mm</p>                                                                           |  |  |  |  |  |
|         |      | CORNER CHANNELS                                                                                                                                                                                                                                                    |  |  |  |  |  |
|         |      |  <p><b>AC1</b><br/>W: 0.63 in. / 16 mm<br/>H: 0.63 in. / 16 mm<br/>Inside W: 0.48 in. / 12.2 mm</p>                                                                             |  |  |  |  |  |
|         |      |  <p><b>AC2</b><br/>W: 0.63 in. / 16 mm<br/>H: 0.63 in. / 16 mm<br/>Inside W: 0.48 in. / 12.2 mm</p>                                                                             |  |  |  |  |  |
|         |      |  <p><b>AC3</b><br/>W: 0.74 in. / 18.8 mm<br/>H: 0.74 in. / 18.8 mm<br/>Inside W: 0.48 in. / 12.2 mm</p>                                                                         |  |  |  |  |  |
|         |      |  <p><b>AC4</b><br/>W: 1.18 in. / 30 mm<br/>H: 1.18 in. / 30 mm<br/>Inside W: 0.77 in. / 19.6 mm</p>                                                                             |  |  |  |  |  |
|         |      |  <p><b>AC5</b><br/>W: 1.18 in. / 30 mm<br/>H: 1.18 in. / 30 mm<br/>Inside W: 0.77 in. / 19.6 mm</p>                                                                           |  |  |  |  |  |
|         |      | RECESSED CHANNELS                                                                                                                                                                                                                                                  |  |  |  |  |  |
|         |      |  <p><b>SC3</b><br/>W: 0.9 in. / 22.9 mm<br/>H: 0.31 in. / 7.87 mm<br/>Inside W: 0.49 in. / 12.5 mm</p>                                                                          |  |  |  |  |  |
|         |      |  <p><b>SC4</b><br/>W: 1.2 in. / 30.5 mm<br/>H: 0.39 in. / 9.9 mm<br/>Inside W: 0.81 in. / 20.6 mm</p>                                                                           |  |  |  |  |  |
|         |      |  <p><b>SC5</b><br/>W: 0.74 in. / 18.8 mm<br/>H: 0.47 in. / 12 mm<br/>Inside W: 0.39 in. / 10 mm<br/>Inside H: 0.44 in. / 11.2 mm</p>                                            |  |  |  |  |  |
|         |      |  <p><b>AR16</b><br/>W: 1.1 in. / 28 mm<br/>H: 0.73 in. / 18.6 mm<br/>Inside W: 0.65 in. / 16.4 mm<br/>Inside H: 0.64 in. / 16.2 mm</p>                                          |  |  |  |  |  |
|         |      |  <p><b>AR20</b><br/>W: 1.18 in. / 30 mm<br/>H: 0.8 in. / 20.4 mm<br/>Inside W: 0.83 in. / 21 mm<br/>Inside H: 0.73 in. / 18.5 mm</p>                                          |  |  |  |  |  |
|         |      |  <p><b>AR25</b><br/>W: 1.75 in. / 44.4 mm<br/>H: 0.94 in. / 24 mm<br/>Inside W: 1.22 in. / 31 mm<br/>Inside H: 0.91 in. / 23 mm</p>                                           |  |  |  |  |  |
|         |      |  <p><b>AR30</b><br/>W: 1.75 in. / 44.4 mm<br/>H: 0.55 in. / 14 mm<br/>Inside W: 1.22 in. / 31 mm<br/>Inside H: 0.51 in. / 13 mm</p>                                           |  |  |  |  |  |
|         |      |  <p><b>AR33</b><br/>W: 1.31 in. / 33.4 mm<br/>H: 1.29 in. / 32.7 mm<br/>Inside W: 1.22 in. / 31 mm<br/>Inside H: 1 in. / 25.3 mm</p>                                          |  |  |  |  |  |
|         |      | MUD-IN CHANNELS                                                                                                                                                                                                                                                    |  |  |  |  |  |
|         |      |  <p><b>AW14</b><br/>W: 0.98 in. / 24.9 mm<br/>H: 1.31 in. / 33.4 mm<br/>Inside W: 0.58 in. / 14.8 mm<br/>Inside H: 0.63 in. / 16 mm</p>                                         |  |  |  |  |  |
|         |      |  <p><b>SC3</b><br/>Overall W: 2.62 in. / 66.6 mm<br/>Visible W: 0.88 in. / 22.35 mm<br/>H: 0.55 in. / 14 mm<br/>Inside W: 0.69 in. / 17.5 mm</p>                                |  |  |  |  |  |
|         |      |  <p><b>SC4</b><br/>Overall W: 2.5 in. / 63.4 mm<br/>Visible W: 1.31 in. / 33.4 mm<br/>H: 0.63 in. / 15.9 mm<br/>Inside W: 1.22 in. / 31 mm<br/>Inside H: 0.5 in. / 12.9 mm</p> |  |  |  |  |  |
|         |      |  <p><b>SC5</b><br/>Overall W: 2.5 in. / 63.4 mm<br/>Visible W: 1.31 in. / 33.4 mm<br/>H: 0.94 in. / 24 mm<br/>Inside W: 1.22 in. / 31 mm<br/>Inside H: 0.83 in. / 21 mm</p>   |  |  |  |  |  |

**WIRING DIAGRAMS**

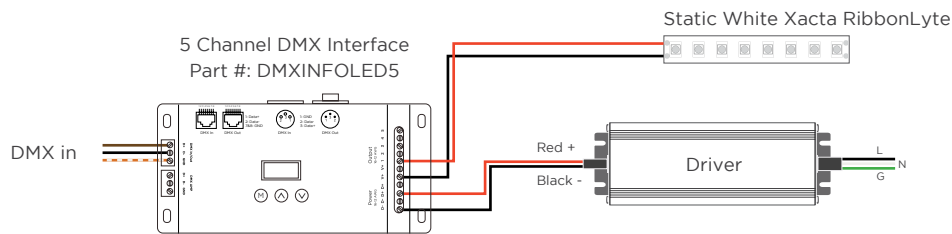
**0-10V**



**MLV / ELV**



**DMX**



**WIRE COLORS PER**

STATIC WHITE  
Red Wire (+) Positive  
Black Wire (-) Negative

REV.27JUN2025

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