

## 4.4 STATIC WHITE SERIES 2 RIBBONLYTE

Static White Series 2 RibbonLyte features stellar efficacy and even lumen output with a tight LED pitch for superior blending. This dimmable 90+ CRI RibbonLyte offers nine brilliant CCTs with short cut lengths for amazing design flexibility. Our Static White RibbonLyte products have earned an “excellent” TM66 rating for circularity.

- 4.4 W/ft (14.4 W/m)
- Create a custom fixture with our channel extrusions
- 9 CCTs (1800K-6000K)
- 1.97 in. (50 mm) incremental lengths
- 49 LEDs/ft (160 LEDs/m)
- 90+ CRI
- 1-step MacAdam ellipse binning



**IP20    IP65\*    IP68\*    IP69\***

\* 1800K, 2000K, 2200K are not available in IP65, IP68 and IP69



## ORDERING GUIDE

| Category               | CRI                              | Ribbon Type & IP Rating                          | Wattage & Color                           |                               |
|------------------------|----------------------------------|--------------------------------------------------|-------------------------------------------|-------------------------------|
| <b>RB</b>              | <b>90</b>                        |                                                  |                                           |                               |
| <b>RB - RIBBONLYTE</b> | <b>90 - 90+ CRI Static White</b> | <b>SWS220</b> - Static White Series 2 IP20       | <b>4.418</b> - 4.4 W/ft 1800K (IP20 Only) | <b>4.430</b> - 4.4 W/ft 3000K |
|                        |                                  | <b>SWS265*</b> - Static White Series 2 IP65      | <b>4.420</b> - 4.4 W/ft 2000K (IP20 Only) | <b>4.435</b> - 4.4 W/ft 3500K |
|                        |                                  | <b>SWS268*</b> - Static White Series 2 IP68      | <b>4.422</b> - 4.4 W/ft 2200K (IP20 Only) | <b>4.440</b> - 4.4 W/ft 4000K |
|                        |                                  | <b>SWS269*</b> - Static White Series 2 IP69      | <b>4.424</b> - 4.4 W/ft 2400K             | <b>4.460</b> - 4.4 W/ft 6000K |
|                        |                                  | *(2400K, 2700K, 3000K, 3500K, 4000K, 6000K Only) | <b>4.427</b> - 4.4 W/ft 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

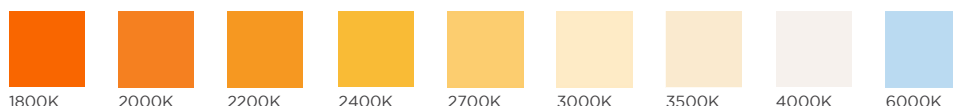


### Standard cable length if not specified:

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 IP20, IP65, IP68, IP69 RibbonLyte

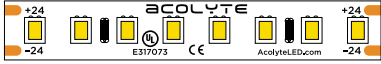
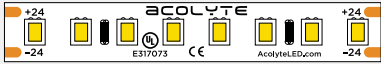
## AVAILABLE COLOR TEMPERATURES



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SPECIFICATIONS / DIAGRAM / USAGE GUIDELINES

| 4.4 STATIC WHITE SERIES 2 RIBBONLYTE |                                                                                                                                                                |                          |                          |                          |                          |                          |                          |                          |                          |
|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Operating Voltage                    | 24 V                                                                                                                                                           |                          |                          |                          |                          |                          |                          |                          |                          |
| Power Consumption                    | 4.4 W/ft (14.4 W/m)                                                                                                                                            |                          |                          |                          |                          |                          |                          |                          |                          |
| Current (mA) - 24V                   | 183 mA/ft (600 mA/m)                                                                                                                                           |                          |                          |                          |                          |                          |                          |                          |                          |
| LED Pitch                            | 49 LEDs/ft (160 LEDs/m)                                                                                                                                        |                          |                          |                          |                          |                          |                          |                          |                          |
| Protection Rating                    | IP20, IP65, IP68, IP69 (1800K, 2000K, and 2200K are only available in IP20)                                                                                    |                          |                          |                          |                          |                          |                          |                          |                          |
| Dimming/Control                      | Dimmable with an external MLV / ELV / 0-10 Volt / DALI / CASAMBI controlled driver or by DMX with an external interface and driver                             |                          |                          |                          |                          |                          |                          |                          |                          |
| Operating Temperature                | -40 — 158 °F (-40 — 70 °C)                                                                                                                                     |                          |                          |                          |                          |                          |                          |                          |                          |
| Colors Temperatures                  | 1800K                                                                                                                                                          | 2000K                    | 2200K                    | 2400K                    | 2700K                    | 3000K                    | 3500K                    | 4000K                    | 6000K                    |
| MacAdam ellipse (SDCM)               | 1-Step Binning                                                                                                                                                 |                          |                          |                          |                          |                          |                          |                          |                          |
| Lumens                               | 355 lm/ft<br>(1164 lm/m)                                                                                                                                       | 419 lm/ft<br>(1376 lm/m) | 463 lm/ft<br>(1520 lm/m) | 480 lm/ft<br>(1573 lm/m) | 546 lm/ft<br>(1790 lm/m) | 576 lm/ft<br>(1891 lm/m) | 585 lm/ft<br>(1920 lm/m) | 585 lm/ft<br>(1920 lm/m) | 563 lm/ft<br>(1847 lm/m) |
| Binning Tolerance                    | +/- 100K                                                                                                                                                       |                          |                          |                          |                          |                          |                          |                          |                          |
| LED Beam Angle                       | 120°                                                                                                                                                           |                          |                          |                          |                          |                          |                          |                          |                          |
| Lifetime (L70 reported)              | 50,000 hours                                                                                                                                                   |                          |                          |                          |                          |                          |                          |                          |                          |
| Incremental Length                   | 1.97 in (50 mm)                                                                                                                                                |                          |                          |                          |                          |                          |                          |                          |                          |
| CRI - All Color Temp.                | 90+ CRI                                                                                                                                                        |                          |                          |                          |                          |                          |                          |                          |                          |
| Lumens/Watt                          | 81 lm/W                                                                                                                                                        | 95 lm/W                  | 105 lm/W                 | 109 lm/W                 | 124 lm/W                 | 131 lm/W                 | 133 lm/W                 | 133 lm/W                 | 128 lm/W                 |
| Constant Voltage                     | ✓                                                                                                                                                              |                          |                          |                          |                          |                          |                          |                          |                          |
| Certifications                       | 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. |                          |                          |                          |                          |                          |                          |                          |                          |
| Warranty                             | IP20: 6 years, IP65/68/69: 3 years                                                                                                                             |                          |                          |                          |                          |                          |                          |                          |                          |

| 24V DIMENSIONS | Top View                                                                            |                                        | Side View                                                                             | Dimensions                                                                                |
|----------------|-------------------------------------------------------------------------------------|----------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| IP20           |  | Incremental length:<br>1.97 in (50 mm) |  | Width: 0.31 in (8 mm)<br>Max Length: 28 ft 4 in (8.64 m)<br>Height: 0.06 in (1.45 mm)     |
| IP65           |  | Incremental length:<br>1.97 in (50 mm) |  | Width: 0.31 in (8 mm)<br>Max Length: 28 ft 4 in (8.64 m)<br>Height: 0.1 in (2.5 mm)       |
| IP68           |  | Incremental length:<br>1.97 in (50 mm) |  | Width: 0.44 in (11.18 mm)<br>Max Length: 28 ft 4 in (8.64 m)<br>Height: 0.18 in (4.5 mm)  |
| IP69           |  | Incremental length:<br>1.97 in (50 mm) |  | Width: 0.41 in. (10.5 mm)<br>Max Length: 28 ft 4 in (8.64 m)<br>Height: 0.18 in. (4.5 mm) |

OPTIONAL ACCESSORY

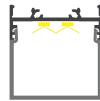
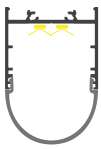
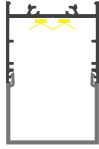
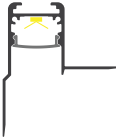
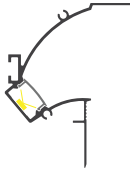
| 0.5 in. VHB Tape                                                                                                                                                                    | Flat Mounting Clip                                                                                                                                | Silicone Clip                                                                                                                                        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br>Provides superior holding power in surface mounted applications<br>Part Number: VHBTAPE0.5BK | <br>For mounting IP20/IP65 RibbonLyte<br>Part Number: RBMNTSIL | <br>For mounting IP68/IP69 RibbonLyte<br>Part Number: RBMNTSILW |

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

USAGE GUIDELINES

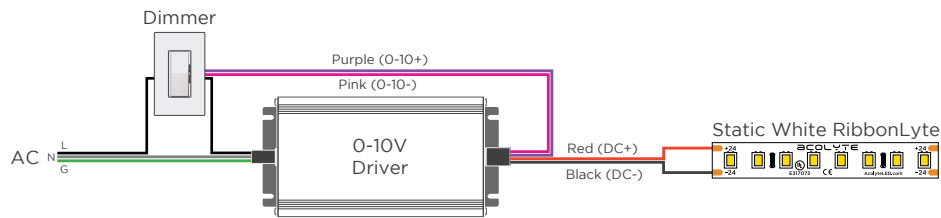
- IP65, IP68 and IP69 RibbonLyte cannot be cut in the field. All custom cuts and connections for these models must be performed at the factory to ensure waterproofing standards are met. Any modification of the waterproofing will result in a void warranty.
- When installing this product, consider the 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. IP65 RibbonLyte products can be used in indoor dry/damp locations such as bathrooms and kitchens. IP68 RibbonLyte products can be used in wet, outdoor locations around pools and spa tubs. IP69 RibbonLyte protects against water ingress from high-pressure, high-temperature water jets. But please note that our products are not intended to be submerged in pools and fountains and do not carry UL676 certification to do so.
- 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 warranted.
- 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.

CHANNEL COMPATIBILITY / CHANNEL OPTIONS

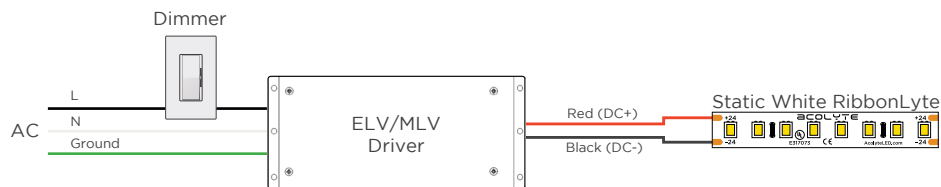
| CHANNEL  | IP20<br>IP65 | IP68 | IP69 | SURFACE MOUNTED                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |
|----------|--------------|------|------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|--|--|--|
| AC1      | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |
| AC2      | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |
| AC3      | ✓            | ✓    | ✓    |    |    |    |    |      |    |    |  |  |  |  |  |
| AC5      | ✓            | ✓    | ✓    | <b>AS1</b>                                                                          | <b>AS1GS</b>                                                                        | <b>AS2</b>                                                                          | <b>AS3</b>                                                                          | <b>AS10</b>                                                                           | <b>AS13 / round lens</b>                                                              | <b>AS13 / square lens</b>                                                             | <b>AS15L</b>                                                                        |  |  |  |  |
| AC15L    | ✓            |      |      | W: 0.68 in. / 17.2 mm<br>H: 0.34 in. / 8.6 mm                                       | W: 0.67 in. / 17.1 mm<br>H: 0.55 in. / 13.9 mm                                      | W: 0.7 in. / 17.8 mm<br>H: 0.6 in. / 15.2 mm                                        | W: 0.93 in. / 23.6 mm<br>H: 0.42 in. / 10.7 mm                                      | W: 0.47 in. / 12 mm<br>H: 0.47 in. / 12 mm                                            | W: 1.31 in. / 33.4 mm<br>H: 1.29 in. / 32.7 mm                                        | W: 1.31 in. / 33.4 mm<br>H: 1.37 in. / 34.8 mm                                        | W: 0.59 in. / 15 mm<br>H: 0.59 in. / 15 mm                                          |  |  |  |  |
| AR1      | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |
| AR3      | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |
| AR15L    | ✓            |      |      |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |
| AR15AL   | ✓            |      |      |    |    |    |    |     |    |    |  |  |  |  |  |
| AR24R    | ✓            | ✓    | ✓    | <b>AS16</b>                                                                         | <b>AS20G</b>                                                                        | <b>AS20GS</b>                                                                       | <b>AS21</b>                                                                         | <b>AS22</b>                                                                           | <b>AS23</b>                                                                           | <b>AS24R</b>                                                                          | <b>AS29L</b>                                                                        |  |  |  |  |
| AR29L    | ✓            | ✓    | ✓    | W: 0.74 in. / 18.8 mm<br>H: 0.73 in. / 18.6 mm                                      | W: 0.61 in. / 15.5 mm<br>H: 0.71 in. / 18 mm                                        | W: 1.11 in. / 28.3 mm<br>H: 1.57 in. / 40 mm                                        | W: 0.79 in. / 20 mm<br>H: 0.82 in. / 20.84 mm                                       | W: 0.87 in. / 22 mm<br>H: 0.93 in. / 24.5 mm                                          | W: 0.91 in. / 23 mm<br>H: 1.59 in. / 40.5 mm                                          | W: 0.91 in. / 23 mm<br>H: 1.03 in. / 26.2 mm                                          | W: 1.18 in. / 30 mm<br>H: 1.15 in. / 29.2 mm                                        |  |  |  |  |
| AS1      | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |
| AS1GS    | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |
| AS2      | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |
| AS3      | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |
| AS5      | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |
| AS10     | ✓            |      |      |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |
| AS13     | ✓            | ✓    | ✓    |    |    |    |    |     |    |    |                                                                                     |  |  |  |  |
| AS15L    | ✓            |      |      | <b>AS30 / round lens</b>                                                            | <b>AS30 / square lens</b>                                                           | <b>AS31</b>                                                                         | <b>AS35L</b>                                                                        | <b>AT4</b>                                                                            | <b>AT5</b>                                                                            | <b>B1</b>                                                                             |                                                                                     |  |  |  |  |
| AS16     | ✓            | ✓    | ✓    | W: 1.31 in. / 33.4 mm<br>H: 1.95 in. / 49.5 mm                                      | W: 1.31 in. / 33.4 mm<br>H: 2.03 in. / 51.6 mm                                      | W: 1.18 in. / 30 mm<br>H: 1.22 in. / 30.92 mm                                       | W: 1.38 in. / 35 mm<br>H: 1.48 in. / 37.5 mm                                        | W: 0.77 in. / 19.6 mm<br>H: 0.74 in. / 18.8 mm                                        | W: 0.77 in. / 19.6 mm<br>H: 0.74 in. / 18.8 mm                                        | W: 0.77 in. / 19.6 mm<br>H: 0.26 in. / 6.5 mm                                         |                                                                                     |  |  |  |  |
| AS20G    | ✓            |      | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |
| AS20GS   | ✓            |      |      |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |
| AS21     | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |
| AS22L    | ✓            |      |      |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |
| AS23     | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |
| AS24R    | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |
| AS29L    | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |
| AS30     | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |
| AS31     | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |
| AS35L    | ✓            |      |      |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |
| AS53     |              |      |      |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |
| AT4      | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |
| AT5      | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |
| B1       | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |
| SC3      | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |
| SC10     | ✓            |      |      |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |
| SC15L    | ✓            |      |      |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |
| SC20C    | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |
| SC23     | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |
| SC24R    | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |
| SC38C    | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |
| CORNER   |              |      |      |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |
| AC1      | ✓            |      |      |  |  |  |  |    |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |
| AC2      | ✓            |      |      | W: 0.63 in. / 16 mm<br>H: 0.63 in. / 16 mm                                          | W: 0.63 in. / 16 mm<br>H: 0.63 in. / 16 mm                                          | W: 0.74 in. / 18.8 mm<br>H: 0.74 in. / 18.8 mm                                      | W: 1.18 in. / 30 mm<br>H: 1.18 in. / 30 mm                                          | W: 0.63 in. / 16 mm<br>H: 0.63 in. / 16 mm                                            |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |
| AC3      | ✓            |      |      |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |
| AC5      | ✓            |      |      |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |
| AC15L    | ✓            |      |      |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |
| RECESSED |              |      |      |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |
| AR1      | ✓            | ✓    | ✓    |  |  |  |  |   |  |                                                                                       |                                                                                     |  |  |  |  |
| AR3      | ✓            | ✓    | ✓    | W: 0.9 in. / 22.9 mm<br>H: 0.31 in. / 7.87 mm                                       | W: 1.2 in. / 30.5 mm<br>H: 0.42 in. / 10.8 mm                                       | W: 0.59 in. / 15 mm<br>H: 0.53 in. / 13.5 mm                                        | W: 1.31 in. / 33.3 mm<br>H: 0.6 in. / 15.3 mm                                       | W: 1.3 in. / 33 mm<br>H: 1.03 in. / 26.2 mm                                           | W: 1.57 in. / 40 mm<br>H: 1.15 in. / 29.2 mm                                          |                                                                                       |                                                                                     |  |  |  |  |
| AR15L    | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |
| AR15AL   | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |
| AR24R    | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |
| AR29L    | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |
| B1       | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |
| SC3      | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |
| SC10     | ✓            |      |      |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |
| SC15L    | ✓            |      |      |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |
| SC20C    | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |
| SC23     | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |
| SC24R    | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |
| SC38C    | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |
| MUD-IN   |              |      |      |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |
| SC3      | ✓            |      |      |  |  |  |  |  |  |  |                                                                                     |  |  |  |  |
| SC10     | ✓            |      |      | W: 2.62 in. / 66.6 mm<br>H: 0.55 in. / 14 mm                                        | W: 1.41 in. / 35.9 mm<br>H: 0.56 in. / 14.1 mm                                      | W: 1.66 in. / 42.2 mm<br>H: 1.89 in. / 48.1 mm                                      | W: 2.48 in. / 63 mm<br>H: 1.03 in. / 26.2 mm                                        | W: 2.17 in. / 55 mm<br>H: 0.39 in. / 9.8 mm                                           | W: 0.93 in. / 23.7 mm<br>H: 3.46 in. / 88 mm                                          | W: 2.32 in. / 58.9 mm<br>H: 2.85 in. / 72.3 mm                                        |                                                                                     |  |  |  |  |
| SC20C    | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |
| SC24R    | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |
| SC15L    | ✓            |      |      |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |
| SC23     | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |
| SC38C    | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                     |  |  |  |  |

## WIRING DIAGRAMS

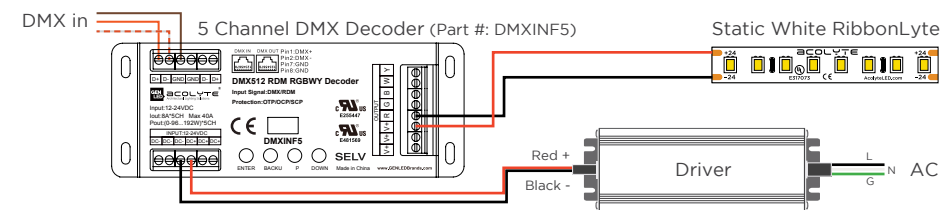
### 0-10V



### MLV / ELV



### DMX



### WIRE COLORS PER RIBBONLYTE COLOR

#### STATIC WHITE SERIES 2

Red Wire (+) Positive

Black Wire (-) Negative

## ACTUAL POWER CONSUMPTION

| Length (ft) | Length (m) | Actual Power Consumed (W) | Average Wattage (W/ft) | Average Wattage (W/m) | Actual Current Drawn (A) |
|-------------|------------|---------------------------|------------------------|-----------------------|--------------------------|
| 5           | 1.52       | 21.31                     | 4.26                   | 13.98                 | 0.888                    |
| 10          | 3.05       | 40.66                     | 4.07                   | 13.34                 | 1.694                    |
| 15          | 4.57       | 56.24                     | 3.75                   | 12.30                 | 2.343                    |
| 20          | 6.10       | 66.54                     | 3.33                   | 10.91                 | 2.773                    |
| 25          | 7.62       | 70.58                     | 2.82                   | 9.26                  | 2.941                    |
| 28.33       | 8.64       | 73.27                     | 2.59                   | 8.48                  | 3.053                    |

**NOTE:** Quotes use nominal values. We highly recommend using nominal wattages for all customer calculations. Allow for a 15% buffer (10% driver, 5% fixture) in these calculations as performance may vary. Acolyte is not liable for product performance if these tables are used instead of nominal values when orders are placed.

REV.16JUN2026

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