

## 0.75 STATIC COLOR SERIES 2 RIBBONLYTE

Illuminate in pure color. Our 0.75 Static Color Series 2 RibbonLyte offers 4 different hues. Light your space with brilliant blue, or warm it up with an amber glow in custom fixtures. Static Color Series 2 RibbonLyte LEDs fall within a two-step MacAdam ellipse, maintaining your chosen color 100% of the time. For color changing RibbonLyte, please see our RGBW, RGBA or RGBWW RibbonLyte spec sheets.

- Create a custom fixture with our channel extrusions
- 4 static colors: Red, Amber, Green and Blue
- Closet rated in channel applications



**IP20 IP65 IP68 IP69**



## ORDERING GUIDE

| Category        | CRI               | Ribbon Type & IP Rating             | Wattage & Color         |                         |
|-----------------|-------------------|-------------------------------------|-------------------------|-------------------------|
| <b>RB</b>       | <b>0</b>          |                                     |                         |                         |
| RB - RIBBONLYTE | 0 - Static Colors | SCS220 - Static Color Series 2 IP20 | 0.75R - 0.75 W/ft Red   | 0.75B - 0.75 W/ft Blue  |
|                 |                   | SCS265 - Static Color Series 2 IP65 | 0.75G - 0.75 W/ft Green | 0.75A - 0.75 W/ft Amber |
|                 |                   | SCS268 - Static Color Series 2 IP68 |                         |                         |
|                 |                   | SCS269 - Static Color Series 2 IP69 |                         |                         |

## 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 and IP69 RibbonLyte

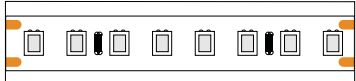
## AVAILABLE COLORS



Red Amber Green Blue

SPECIFICATIONS / DIAGRAM / USAGE GUIDELINES

| 0.75 STATIC COLOR SERIES 2 RIBBONLYTE |                                                                                                                                                                                                                                                                                                                                                                                                                                    |                    |                      |                    |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------------------|--------------------|
| Operating Voltage                     | 24 V                                                                                                                                                                                                                                                                                                                                                                                                                               |                    |                      |                    |
| Power Consumption                     | 0.75 W/ft (2.46 W/m)                                                                                                                                                                                                                                                                                                                                                                                                               |                    |                      |                    |
| Current (mA)                          | 63 mA/ft (207 mA/m)                                                                                                                                                                                                                                                                                                                                                                                                                |                    |                      |                    |
| LED Pitch                             | 49 LEDs/ft (160 LEDs/m)                                                                                                                                                                                                                                                                                                                                                                                                            |                    |                      |                    |
| Protection Rating                     | IP20, IP65, IP68, IP69                                                                                                                                                                                                                                                                                                                                                                                                             |                    |                      |                    |
| 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                                | Red                                                                                                                                                                                                                                                                                                                                                                                                                                | Amber              | Green                | Blue               |
| Lumens                                | 31 lm/ft (102 lm/m)                                                                                                                                                                                                                                                                                                                                                                                                                | 26 lm/ft (85 lm/m) | 131 lm/ft (430 lm/m) | 14 lm/ft (46 lm/m) |
| LED Beam Angle                        | 120°                                                                                                                                                                                                                                                                                                                                                                                                                               |                    |                      |                    |
| Lifetime (L70 reported)               | 50,000 hours                                                                                                                                                                                                                                                                                                                                                                                                                       |                    |                      |                    |
| Incremental Length                    | 1.97 in (50 mm)                                                                                                                                                                                                                                                                                                                                                                                                                    |                    |                      |                    |
| Constant Voltage                      | ✓                                                                                                                                                                                                                                                                                                                                                                                                                                  |                    |                      |                    |
| Lumens/Watt                           | 41 lm/W                                                                                                                                                                                                                                                                                                                                                                                                                            | 34 lm/W            | 175 lm/W             | 19 lm/W            |
| 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.<br>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. |                    |                      |                    |
| 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: 49 ft (15 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: 32.8 ft (10 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: 32.8 ft (10 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: 32.8 ft (10 m)<br>Height: 0.18 in. (4.5 mm) |

OPTIONAL ACCESSORY

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

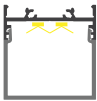
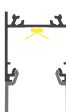
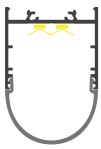
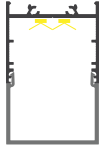
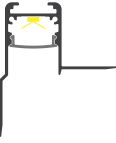
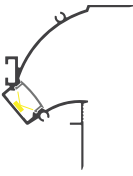
Note: RibbonLyte comes with an adhesive backing, but Acolyte recommends using VHB Tape for extra support in surface mounted applications.

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. 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](http://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.

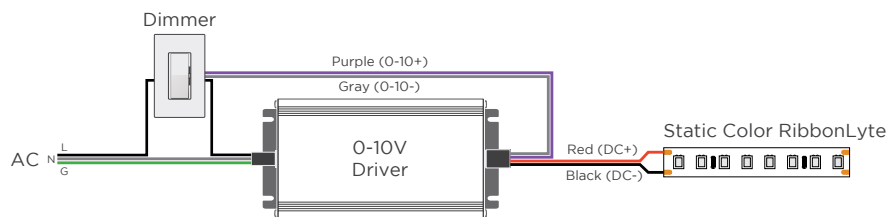
Acolyte does not warrant or represent that the information is free from errors or omission. The information may change without notice and Acolyte is not in any way liable for the accuracy of any information printed and stored or in any way interpreted or used.

CHANNEL COMPATIBILITY / CHANNEL OPTIONS

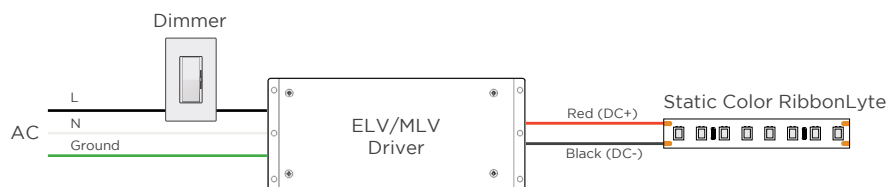
| CHANNEL | IP20<br>IP65 | IP68 | IP69 | SURFACE MOUNTED                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |  |
|---------|--------------|------|------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--|
| AC1     | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |      |      |      |  |  |  |  |  |  |
| AC2     | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     | <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>                                                                        |  |
| AC3     | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     | 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                                          |  |
| AC5     | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |  |
| AC15L   | ✓            |      |      |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |  |
| AR1     | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |  |
| AR3     | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |  |
| AR15L   | ✓            |      |      |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |  |
| AR15AL  | ✓            |      |      |    |    |    |    |     |    |    |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |  |
| AR24R   | ✓            | ✓    | ✓    | <b>AS16</b>                                                                         | <b>AS20G</b>                                                                        | <b>AS20GS</b>                                                                       | <b>AS21</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: 0.91 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    | ✓            | ✓    | ✓    | <b>AS30 / round lens</b>                                                            | <b>AS30 / square lens</b>                                                           | <b>AS31</b>                                                                         | <b>AT4</b>                                                                          | <b>AT5</b>                                                                            | <b>B1</b>                                                                             |                                                                                       |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |  |
| AS15L   | ✓            |      |      | 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: 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                                         |                                                                                       |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |  |
| AS16    | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |  |
| AS20G   | ✓            |      | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |  |
| AS20GS  | ✓            |      |      |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |  |
| AS21    | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |  |
| AS23    | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |  |
| AS24R   | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |  |
| AS29L   | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |  |
| AS30    | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |  |
| AS31    | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |  |
| AS53    |              |      |      |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |  |
| AT4     | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |  |
| AT5     | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |  |
| B1      | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |  |
| SC3     | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |  |
| SC10    | ✓            |      |      |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |  |
| SC15L   | ✓            |      |      |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |  |
| SC20C   | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |  |
| SC23    | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |  |
| SC24R   | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |  |
| SC38C   | ✓            | ✓    | ✓    |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |  |
|         |              |      |      | CORNER                                                                              |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |  |
|         |              |      |      |  |  |  |  |    |                                                                                       |                                                                                       |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |  |
|         |              |      |      | <b>AC1</b>                                                                          | <b>AC2</b>                                                                          | <b>AC3</b>                                                                          | <b>AC5</b>                                                                          | <b>AC15L</b>                                                                          |                                                                                       |                                                                                       |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |  |
|         |              |      |      | 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                                            |                                                                                       |                                                                                       |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |  |
|         |              |      |      | RECESSED                                                                            |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |  |
|         |              |      |      |  |  |  |  |   |  |                                                                                       |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |  |
|         |              |      |      | <b>AR1</b>                                                                          | <b>AR3</b>                                                                          | <b>AR15L</b>                                                                        | <b>AR15AL</b>                                                                       | <b>AR24R</b>                                                                          | <b>AR29L</b>                                                                          |                                                                                       |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |  |
|         |              |      |      | 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                                          |                                                                                       |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |  |
|         |              |      |      | MUD-IN                                                                              |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |  |
|         |              |      |      |  |  |  |  |  |  |  |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |  |
|         |              |      |      | <b>SC3</b>                                                                          | <b>SC10</b>                                                                         | <b>SC20C</b>                                                                        | <b>SC24R</b>                                                                        | <b>SC15L</b>                                                                          | <b>SC23</b>                                                                           | <b>SC38C</b>                                                                          |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |  |
|         |              |      |      | 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                                        |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |  |

## WIRING DIAGRAMS

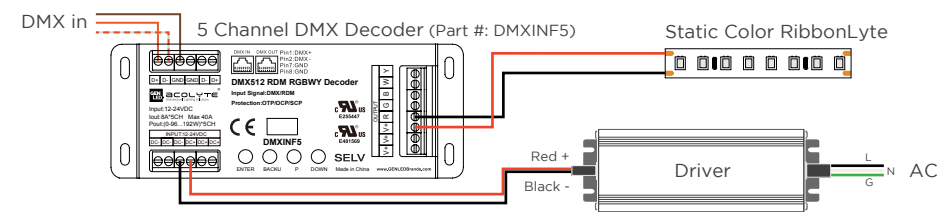
### 0-10V



### MLV / ELV



### DMX



### WIRE COLORS PER RIBBONLYTE COLOR

#### STATIC COLOR 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       | 3.70                      | 0.74                   | 2.43                  | 0.154                    |
| 10          | 3.05       | 7.37                      | 0.74                   | 2.42                  | 0.307                    |
| 15          | 4.57       | 10.97                     | 0.73                   | 2.40                  | 0.457                    |
| 20          | 6.10       | 14.47                     | 0.72                   | 2.37                  | 0.603                    |
| 25          | 7.62       | 17.83                     | 0.71                   | 2.34                  | 0.743                    |
| 30          | 9.15       | 21.02                     | 0.70                   | 2.30                  | 0.876                    |
| 35          | 10.67      | 24.58                     | 0.70                   | 2.30                  | 1.024                    |
| 40          | 12.20      | 27.30                     | 0.68                   | 2.24                  | 1.138                    |
| 45          | 13.72      | 29.76                     | 0.66                   | 2.17                  | 1.240                    |
| 49          | 14.94      | 31.52                     | 0.64                   | 2.11                  | 1.313                    |

**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.

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