



Date \_\_\_\_\_ Project \_\_\_\_\_

Notes \_\_\_\_\_

### STATIC COLOR MICRO RIBBONLYTE 4.5

We've introduced our Micro RibbonLyte for creating unique visual effects and precision lighting for tight spaces. It's designed to fit into our new AS7, AR7, AS9, and AR9 channels. At 4.5 W/ft (14.8 W/m), the IP20 and IP65 versions of this tape are only 0.20 in. (5 mm) wide.

- 0.20 in. width (5 mm)
- Fits in 0.30 in. wide channel (7.60 mm)
- 5 colors: red, amber, green, blue, and violet



#### Applications:

|               |               |             |
|---------------|---------------|-------------|
| Commercial    | Hospitality   | Residential |
| Entertainment | Museums       | Retail      |
| Healthcare    | Public Spaces |             |



### ORDERING GUIDE

| Category        | CRI               | Ribbon Type & IP Rating  | Wattage & Color  |   |
|-----------------|-------------------|--|--|---|
| RB              | 0                 |  |  |   |
| RB - RIBBONLYTE | 0 - Static Colors | SCMC20 - Micro Static Color IP20<br>SCMC65 - Micro Static Color IP65 | 4.5R - 4.5 W/ft Red<br>4.5G - 4.5 W/ft Green<br>4.5B - 4.5 W/ft Blue | 4.5A - 4.5 W/ft Amber<br>4.5V - 4.5 W/ft Violet |

### CONNECTION OPTIONS

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



#### 2. IP67 Connector Input



#### 3. Soldered Daisy Chain



#### 4. Daisy Chain with IP67 Connectors



#### 5. Bare Wire on Both Ends



#### Standard cable length if not specified:

1. 12 in. cable with bare wire (custom length up to 20 feet)
2. Standard 12 in. cable with IP67 connectors (custom length up to 10 feet)
3. Daisy chain with 3 in. cable between runs (custom length up to 36 in.)
4. 3 in. cable between IP67 connector and RibbonLyte (custom length up to 18 in.)
5. Standard 12 in. cable with bare wire (custom length up to 10 feet)

Note: IP67 connectors are used for both IP20 and IP65/IP68 RibbonLyte

### AVAILABLE COLORS



SPECIFICATIONS / DIAGRAM / USAGE GUIDELINES

| STATIC COLOR MICRO RIBBONLYTE 4.5 |  |                        |                          |                        |                         |
|-----------------------------------|--|------------------------|--------------------------|------------------------|-------------------------|
| Operating Voltage                 | 24 V   |                        |                          |                        |                         |
| Power Consumption                 | 4.5 W/ft (14.8 W/m)  |                        |                          |                        |                         |
| Current (mA) - 24V                | 187.5 mA/ft (615 mA/m)   |                        |                          |                        |                         |
| LED Pitch                         | 43 LEDs/ft (140 LEDs/m)  |                        |                          |                        |                         |
| Protection Rating                 | IP20, IP65   |                        |                          |                        |                         |
| Dimming/Control                   | ELV / MLV / 0-10 Volt / DMX / Lutron Hi-Lume 1% dimming LED drivers / DALI |                        |                          |                        |                         |
| Operating Temperature             | -40° F to 158° F (-40° C to 70° C)   |                        |                          |                        |                         |
| Colors                            | Red  | Amber                  | Green                    | Blue                   | Violet                  |
| Lumens                            | 117 lm/ft<br>(383 lm/m)  | 82 lm/ft<br>(269 lm/m) | 387 lm/ft<br>(1270 lm/m) | 84 lm/ft<br>(275 lm/m) | 2.3 lm/ft<br>(7.5 lm/m) |
| LED Beam Angle                    | 120°   |                        |                          |                        |                         |
| Lamp Life                         | 50,000 Hrs   |                        |                          |                        |                         |
| Cutable Length                    | 1.97 in (50 mm)  |                        |                          |                        |                         |
| Constant Voltage                  | ✓  |                        |                          |                        |                         |
| Lumens / Watt                     | 26 lm/W  | 17 lm/W                | 83 lm/W                  | 17 lm/W                | 1 lm/W                  |
| Certifications                    | CE, ETL, RoHS  |                        |                          |                        |                         |
| Warranty                          | IP20: 6 years, IP65: 3 years   |                        |                          |                        |                         |

| 24V DIMENSIONS | Top View   | Side View   | Dimensions   |
|----------------|--|---|--|
| IP20           | <br>CUTTABLE EVERY: 1.97 in (50 mm) |  | <b>Width</b> 0.20 in (5 mm)<br><b>Max Length*</b> 28 ft (8.5 m)<br><b>Height</b> 0.06 in (1.45 mm) |
| IP65           | <br>CUTTABLE EVERY: 1.97 in (50 mm) |  | <b>Width</b> 0.20 in (5 mm)<br><b>Max Length*</b> 28 ft (8.5 m)<br><b>Height</b> 0.1 in (2.5 mm)   |

\*Max length before additional power is introduced

USAGE GUIDELINES

- IP65 RibbonLyte are not field cuttable. All custom cuts and connections for these models must be performed at the factory to ensure waterproofing standards are met. Any modification of this on the field or by end user will result in a voided warranty.
- When installing this product take into account the surface temperature of the material this product is mounted to. Many building surfaces which are exposed to direct sunlight exceed the 70° C / 158° F maximum that our product is rated for. High risk locations like this should be avoided.
- Our IP65 can be used in wet, outdoor locations around swimming pools and spa tubs, but our products are not intended to be submerged in pools and fountains and do not carry UL676 certification to do so.
- Please refer to our RibbonLyte Proper Use Guide in our *Application Guide* for more information. Available for download at [www.GENLEDBrands.com/Acolyte](http://www.GENLEDBrands.com/Acolyte).
- Compatible with a wide variety of control products including the entire line of Lutron dimming systems.
- For use with GENLED Acolyte<sup>®</sup> drivers, 0-10V dimming modules and interface controllers (DMXINF models).
- Use with non-GENLED Acolyte<sup>®</sup> supplied Triac, MLV or ELV drivers is not supported or warranted.
- Due to the nature of the product, RibbonLyte 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.

GENLED Acolyte<sup>®</sup> does not warrant or represent that the information is free from errors or omission. The information may change without notice and GENLED Acolyte<sup>®</sup> 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

|     | IP20/IP65 |
|-----|-----------|
| AS7 | ✓         |
| AR7 | ✓         |
| AS9 | ✓         |
| AR9 | ✓         |

CHANNEL OPTIONS

LENS OPTIONS: M - Milky

SURFACE MOUNTED CHANNELS



AS7  
M

AS9  
M

RECESSED CHANNELS

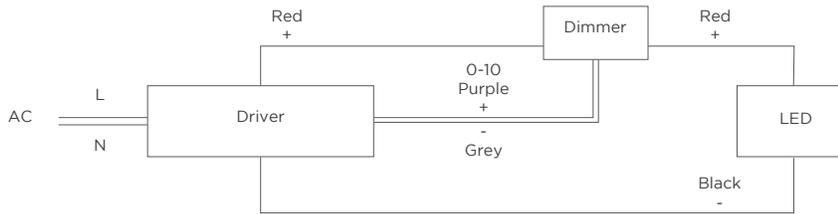


AR7  
M

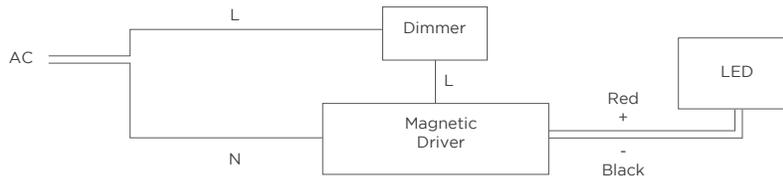
AR9  
M

WIRING DIAGRAMS

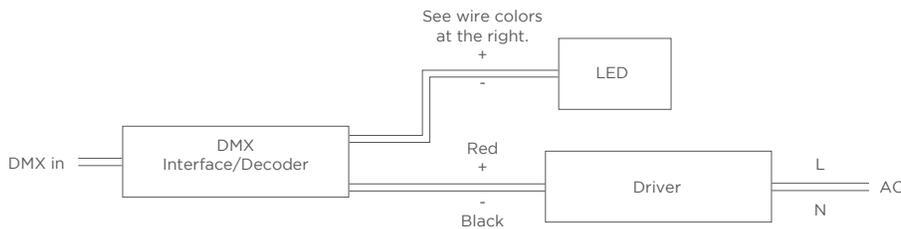
0-10V



MAGNETIC + ELV



DMX



WIRE COLORS PER RIBBONLYTE COLOR

STATIC COLOR MICRO  
Red Wire (+) Positive  
Black Wire (-) Negative

DISCLAIMER

When installing this product take into account the surface temperature of the material this product is mounted to. Many building surfaces which are exposed to direct sunlight exceed the 70°C/158°F maximum that our product is rated for. High risk locations like this should be avoided.

Our IP68 product is not intended to be submerged in pools and fountains and does not carry UL676 certification to do so.