

5.5 4-IN-1 RGB + WHITE & RGB + AMBER RIBBONLYTE

5.5 4-In-1 RGBW and RGBA RibbonLyte are DMX controlled. Use with Acolyte channel profiles to create an excellent fixture with no color refraction.

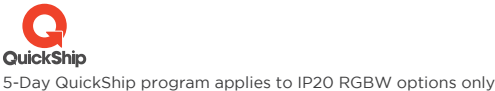
RGB + WHITE: Adds 3000K, 4000K, or 6000K to RGB to replicate tungsten and daylight.

RGB + AMBER: Adds 590 nanometer to RGB for warm accents.

- Use with Acolyte channel profiles to create a custom fixture
- Flexible
- 24 Volt input
- Closet rated (standalone or surface channels)

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 - Color Changing | RGBWA20 - RGBW/A IP20 RGBWA65 - RGBW/A IP65 RGBWA68 - RGBW/A IP68 | 5.5RGB30 - 5.5 RGB + 3000K | 5.5RGB60 - 5.5RGB + 6000K |
| | | | 5.5RGB40 - 5.5 RGB + 4000K | 5.5RGBA - 5.5 RGB + Amber |

CONNECTION OPTIONS

1. End Feed Bare Wire Connection (Default Option)

2. IP67 Connector Input

3. Soldered Daisy Chain

4. Daisy Chain with IP67 Connectors

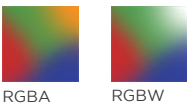
5. Bare Wire on Both Ends

Standard cable length if not specified:

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

| 5.5 4-IN-1 RGB WHITE/ AMBER | |
|-----------------------------|---|
| Operating Voltage | 24 V |
| Power Consumption | 5.5 W/ft (18.0 W/m) |
| Current (mA) - 24V | 229 mA/ft (752 mA/m) |
| LED Pitch | 18 LEDs/ft (60 LEDs/m) |
| Protection Rating | IP20, IP65, IP68 |
| Dimming/Control | DMX / Lutron A-Series 1% dimming LED drivers |
| Operating Temperature | -40° F to 158° F (-40° C to 70° C) |
| Colors/Color Temperatures | RGBW (3000K), RGBW (4000K), RGBW (6000K), RGB+Amber |
| Lumens - RGBW | 279 lm/ft (915 lm/m) All LEDs at 100% |
| Binning Tolerance | +/- 100K (White) |
| LED Beam Angle | 120° |
| Lamp Life | 50,000 Hours |
| Cutable Length - 24V | 3.94 in (100 mm) |
| Lumens/Watt - RGBW | 51 lm/W (All LEDs at 100%) |
| Lumens/Watt - RGBA | 27 lm/W (All LEDs at 100%) |
| Constant Voltage | ✓ |
| Cable Length | 12 in (30.5 cm) |
| Certifications | UL 2108 Issued: 2016/06/17 Ed: 1 Rev: 2021/10/16 Low Voltage Lighting Systems. CSA C22.2 No. 250.0, General Requirements for Luminaires. ROHS compliant UL 2108. Suitable for use in closets, compliant with NFPA® 70, NEC® Section 410.16 (A)(3) and 410.16 (C)(5). |

| 24V DIMENSIONS | Top View | Side View | Dimensions |
|----------------|---|---|---|
| IP20 |  CUTTABLE EVERY: 3.94 in (100 mm) |  | Width 0.47 in (12 mm) Max Length* 19 ft 7.9 in (6 m) Height 0.09 in (2.3 mm) |
| IP65 |  CUTTABLE EVERY: 3.94 in (100 mm) |  | Width 0.47 in (12 mm) Max Length* 19 ft 7.9 in (6 m) Height 0.125 in (3.2 mm) |
| IP68 |  CUTTABLE EVERY: 3.94 in (100 mm) |  | Width 0.58 in (14.8 mm) Max Length* 19 ft 7.9 in (6 m) Height 0.21 in (5.3 mm) |

USAGE GUIDELINES

- IP65 and IP68 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.
- 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 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.

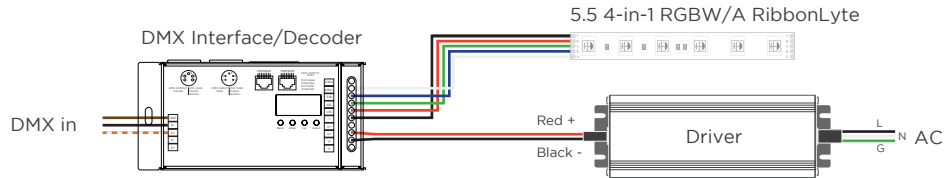
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CHANNEL COMPATIBILITY / CHANNEL OPTIONS

Acolyte | Architectural Lighting Solutions

WIRING DIAGRAMS

DMX



WIRE COLORS PER RIBBONLYTE COLOR

RGBW/A

Black (+) Positive
Red Wire (-) goes to Red Channel
Green Wire (-) goes to Green Channel
Blue Wire (-) goes to Blue Channel
White Wire (-) goes to White Channel