

# Rapid Ribbon 95+ by Acolyte



WORK WITH THE SPEED OF LIGHT

## 1.5 RAPID RIBBON 95+

Rapid Ribbon 95+ by Acolyte is the no-frills version of our premium product, ready for quick shipping when you need raw materials fast. Rapid Ribbon 95+ is a high-CRI RibbonLyte that renders true colors. Available in three wattages and four white color temperatures, Rapid Ribbon 95+ comes in uncut 20-foot and 60-foot reels. It ships in 48 hours or less!

- Available in 2700K, 3000K, 4000K and 5000K
- Uses available solderless connectors and silicone mounting pads
- Sold by the reel for assembly in the field; no custom cuts
- Surface-mounted or recessed channel options
- Closet rated in channel applications
- UL listed
- 3-year warranty



### Applications:

Commercial  
Entertainment  
Healthcare

Hospitality  
Museums  
Public Spaces

Residential  
Retail



IP20



## ORDERING GUIDE

| Category                    | IP Rating | Wattage + Color Temperature      |                                  |
|-----------------------------|-----------|----------------------------------|----------------------------------|
| RB95SWBC                    | 20        |                                  |                                  |
| RB95SWBC - Rapid Ribbon 95+ | 20 - IP20 | 1.527 - 1.5 W/ft (4.9 W/m) 2700K | 1.540 - 1.5 W/ft (4.9 W/m) 4000K |
|                             |           | 1.530 - 1.5 W/ft (4.9 W/m) 3000K | 1.550 - 1.5 W/ft (4.9 W/m) 5000K |

### Optional Accessories



#### 8 mm Ribbon to Ribbon Solderless Connector

For 1.5 & 3.0 W/ft Rapid Ribbon 95+ / Fits in Rapid Channel C2, R2, S1 and S2  
Part #: RBCNCT820S2S2



#### 8 mm Ribbon to Wire Solderless Connector

For 1.5 & 3.0 W/ft Rapid Ribbon 95+ / Fits in Rapid Channel C2, R2, S1 and S2  
Part #: RBCNCT820W2S2



#### 60W Dimmable Driver

UL Recognized / Class 2 / IP20 / 100-130 VAC  
Part #: DRV2460ELV



#### 20-foot (6.1 m) of 20 AWG 2-Conductor Wire

For 1.5 / 3.0 / 5.0 W/ft Rapid Ribbon 95+  
Part #: RBCNCT6.1M2C



#### Flat Silicone Clip

Part #: RBMNTSIL

## AVAILABLE COLOR TEMPERATURES



2700K



3000K



4000K



5000K

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## SPECIFICATIONS / DIAGRAM / WIRING DIAGRAM / USAGE GUIDELINES

| 1.5 RAPID RIBBON 95+    |                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operating Voltage       | 24 V                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Power Consumption       | 1.5 W/ft (4.9 W/m)                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Current (mA) - 24V      | 63 mA/ft (207 mA/m)                                                                                                                                                                                                                                                                                                                                                                                                                |
| LED Pitch               | 18 LEDs/ft (60 LEDs/m)                                                                                                                                                                                                                                                                                                                                                                                                             |
| Protection Rating       | IP20                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Dimming/Control         | 0-10 Volt                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Operating Temperature   | -40 — 158 °F (-40 — 70 °C)                                                                                                                                                                                                                                                                                                                                                                                                         |
| Color Temperatures      | 2700K, 3000K, 4000K, 5000K                                                                                                                                                                                                                                                                                                                                                                                                         |
| MacAdam Ellipses (SDCM) | 3-Step Binning                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Lumens                  | 140 lm/ft (459.2 lm/m)                                                                                                                                                                                                                                                                                                                                                                                                             |
| Binning Tolerance       | +/- 100K                                                                                                                                                                                                                                                                                                                                                                                                                           |
| LED Beam Angle          | 120°                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Lifetime (L70 reported) | 43,000 hours @ 131 °F (55 °C)                                                                                                                                                                                                                                                                                                                                                                                                      |
| Cuttable Length         | 3.94 in. (100 mm)                                                                                                                                                                                                                                                                                                                                                                                                                  |
| CRI - All Color Temp.   | 97 CRI                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Lumens/Watt             | 93.3 lm/W                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 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.<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. |

### 24V DIMENSIONS Top View

IP20



CUTTABLE EVERY: 3.94 in. (100 mm)

### Side View

### Dimensions

Width 0.31 in. (8 mm)

Max Length\* 42 ft 3 in. (12.9 m)

Height 0.09 in. (2.3 mm)

\*Max length before additional power is introduced

### AVAILABLE SURFACE MOUNTED CHANNELS

LENS OPTIONS: F - Frosted M - Milky



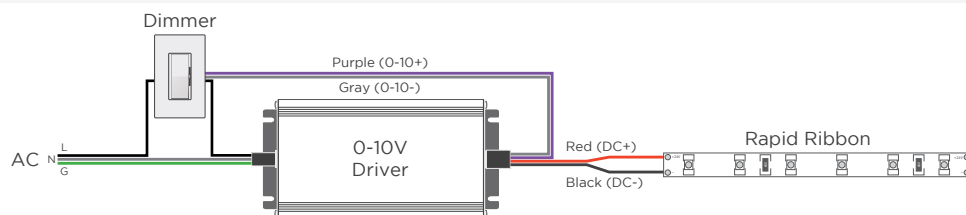
Rapid S1  
F, M

Rapid S2  
F, M

Rapid C2  
F, M

Rapid R2  
F, M

### WIRING DIAGRAM



### WIRE COLORS PER RIBBONLYTE COLOR

STATIC WHITE

Red Wire (+) Positive

Black Wire (-) Negative

### USAGE GUIDELINES

- 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.
- Please refer to the RibbonLyte Proper Use Guide in our *Application Guide* for more information. Available for download at [www.AcolyteLED.com](http://www.AcolyteLED.com).
- 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.
- We reserve the right to make changes to product lineup, specifications, design and finishes at any time without notice.

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