

Rapid Ribbon by Acolyte

WORK WITH THE SPEED OF LIGHT



RAPID RIBBON RGBW

Rapid Ribbon RGBW by Acolyte is the no-frills version of our premium product, ready for quick shipping when you need raw materials fast. Rapid Ribbon RGBW is a color-changing RibbonLyte, available in 4.4 W/ft (14.4 W/m) with white at 3000K. Rapid Ribbon RGBW comes in uncut 20-foot and 60-foot reels. It ships in 48 hours or less!

- 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
- 4.4 W/ft (14.4 W/m) with white at 3000K
- UL listed
- 3-year warranty

Applications:

Commercial
Entertainment
Healthcare

Hospitality
Museums
Public Spaces

Residential
Retail



IP20



ORDERING GUIDE

Category	IP Rating	Wattage + Color
RBORGBWBC	20	4.4RGB30
RBORGBWBC - Rapid Ribbon RGBW	20 - IP20	4.4RGB30 - 4.4 W/ft (14.4 W/m) RGB+3000K

Optional Accessories



12 mm Ribbon to Ribbon Solderless Connector

For 4.4 W/ft Rapid Ribbon RGBW

Part #: RBCNCT1220S2S5

This connector does not fit in our Rapid Channels and needs to be placed outside of the Rapid Channels.



60W Dimmable Driver

UL Recognized / Class 2 / IP20 / 100-130 VAC

Part #: DRV2460ELV



20-foot (6.1 m) of 20 AWG 5-Conductor Wire

For 4.4 W/ft Rapid Ribbon RGBW

Part #: RBCNCT6.1M5C



12 mm Ribbon to Wire Solderless Connector

For 4.4 W/ft Rapid Ribbon RGBW

Part #: RBCNCT1220W2S5

This connector does not fit in our Rapid Channels and needs to be placed outside of the Rapid Channels.



RGBWW RF Interface with Remote

Part #: RFKIT5CH



Flat Silicone Clip

Part #: RBMNTSIL

AVAILABLE COLORS



RGBW

Rapid Ribbon 95⁺ by Acolyte



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RAPID RIBBON RGBW

SPECIFICATIONS / DIAGRAM / USAGE GUIDELINES

		RAPID RIBBON RGBW
Operating Voltage	Power Consumption	24 V 4.4 W/ft (14.4 W/m)
Current (mA)		183 mA/ft (600.2 mA/m)
LED Pitch		18 LEDs/ft (60 LED/m)
Protection Rating		IP20
Dimming/Control		DMX
Operating Temperature		-40 — 158 °F (-40 — 70 °C)
Color		RGBW (3000K)
Lumens - RGBW		235 lm/ft (770.8 lm/m) All LEDs at 100%
LED Beam Angle		120°
Lifetime (L70 reported)		50,000 hours
Cuttable Length		6.55 in. (166.4 mm)
Lumens/Watt - RGBW		53.4 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.	

24V DIMENSIONS	Top View	Side View	Dimensions
IP20			Width 0.47 in. (12 mm) Max Length* 19 ft 8 in. (6 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



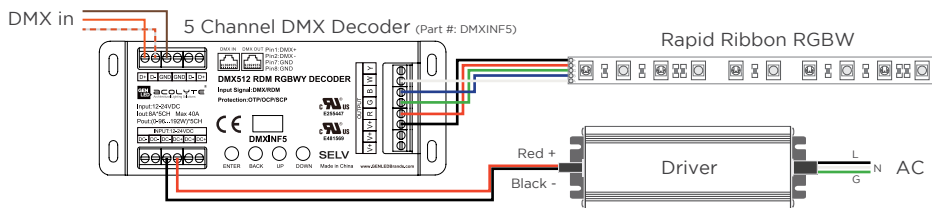
Rapid S1
F, M

Rapid S2
F, M

Rapid C2
F, M

Rapid R2
F, M

WIRING DIAGRAM



WIRE COLORS PER RIBBONLYTE COLOR

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

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.
- 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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