

### 8.8 RGB COLOR CHANGING RIBBONLYTE

Acolyte 8.8 RGB RibbonLyte uses 3-in-1 RGB LEDs to create a full spectrum of up to 16 million colors. Our DMX control systems can program single rooms or entire buildings. Calendar modes, color fades, and many more controls make any environment more vibrant!

- 8.8 W/ft (28.9 W/m)
- Pair with Acolyte channel profiles to create a custom fixture
- DMX controllable 3-in-1 RGB LEDs
- 24V constant voltage input



#### Applications:

Commercial	Hospitality	Residential
Entertainment	Museums	Retail
Healthcare	Public Spaces	



### ORDERING GUIDE

Category	CRI	Ribbon Type & IP Rating	Wattage + Color
RB	0		8.8RGB
RB - Ribbonlyte	0 - Color Changing	RGB20 - RGB IP20 RGB65 - RGB IP65 RGB68 - RGB IP68	8.8RGB - 8.8 RGB

### 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



RGB

SPECIFICATIONS / DIAGRAM / USAGE GUIDELINES

8.8 RGB RIBBONLYTE	
Operating Voltage	24 V
Power Consumption	8.8 W/ft (28.9 W/m)
Current (mA) - 24V	367 mA/ft (1203.8 mA/m)
LED Pitch	36 LEDs/ft (120 LEDs/m)
Protection Rating IP20	✓
Protection Rating IP65	✓
Protection Rating IP68	✓
Dimming/Control	DMX / Lutron A-Series 1% dimming LED drivers
Operating Temperature	-40 F to 158 F (-40 C to 70 C)
Colors	Red, Green, Blue
Lumens	329 lm/ft (1079 lm/m) All LEDs at 100%
LED Beam Angle	120°
Lamp Life	50,000 Hours
Cutable Length	1.97 in (50 mm)
Lumens/Watt	37 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. CSA C22.2 No. 250.0, General Requirements for Luminaires. ROHS compliant UL 2108.

24V DIMENSIONS	Top View	Side View	Dimensions
IP20	 <p>CUTTABLE EVERY: 1.97 in (50 mm)</p>		<p><b>Width</b> 0.59 in (15 mm)  <b>Max Length*</b> 19 ft 7.9 in (6 m)  <b>Height</b> 0.09 in (2.3 mm)</p>
IP65	 <p>CUTTABLE EVERY: 1.97 in (50 mm)</p>		<p><b>Width</b> 0.59 in (15 mm)  <b>Max Length*</b> 19 ft 7.9 in (6 m)  <b>Height</b> 0.11 in (2.75 mm)</p>
IP68	 <p>CUTTABLE EVERY: 1.97 in (50 mm)</p>		<p><b>Width</b> 0.67 in (17.1 mm)  <b>Max Length*</b> 19 ft 8 in (6 m)  <b>Height</b> 0.22 in (5.70 mm)</p>

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](http://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 warrantied.
- 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.

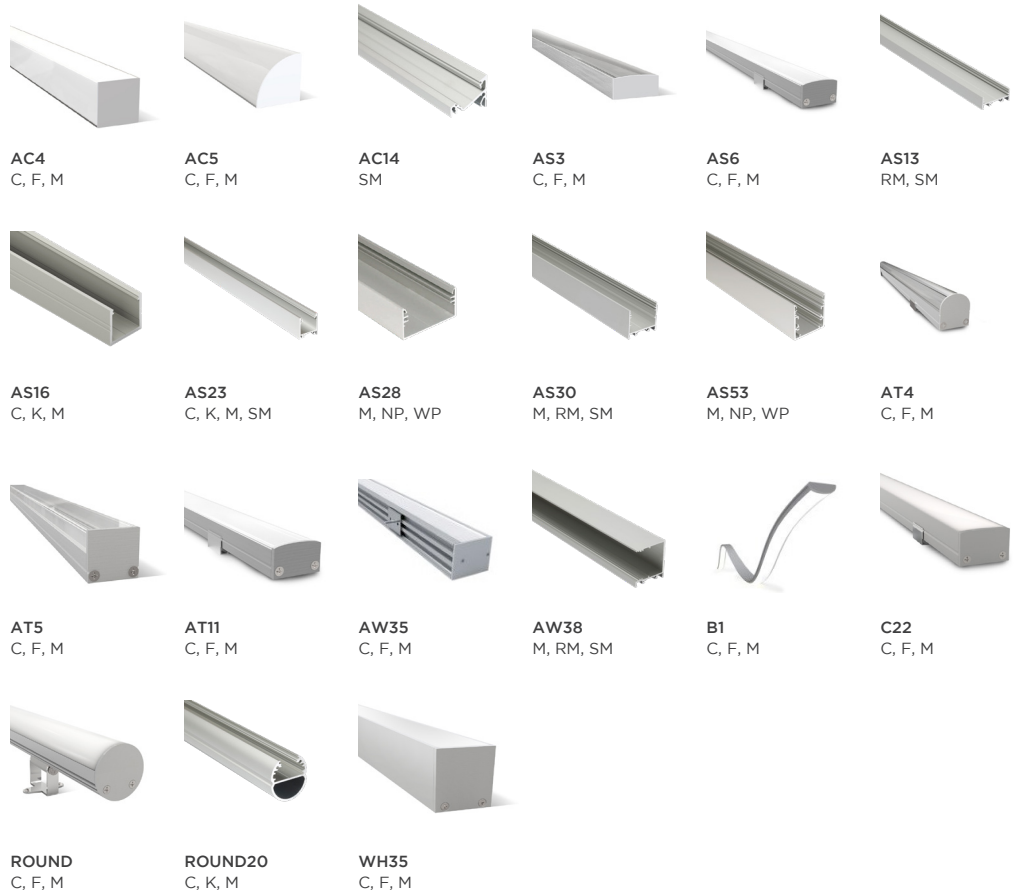
Acolyte does not warrant or represent that the information is free from errors or omission. The information may change without notice and Acolyte is not in any way liable for the accuracy of any information printed and stored or in any way interpreted or used.

CHANNEL COMPATIBILITY / CHANNEL OPTIONS

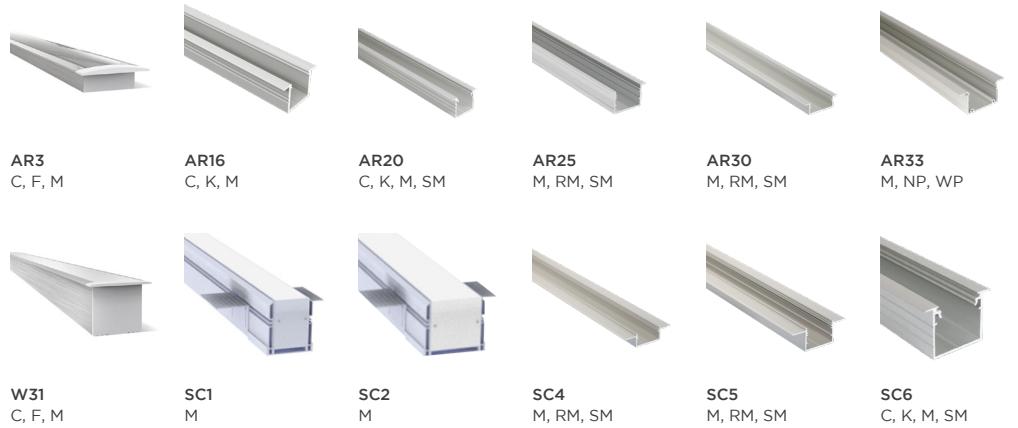
CHANNEL	IP20/IP65	IP68
AC1		
AC2		
AC3		
AC4	✓	✓
AC5	✓	✓
AC14	✓	
AP1		
AR1		
AR2		
AR3	✓	
AR5		
AR8		
AR10		
AR14		
AR16	✓	
AR20	✓	✓
AR23		
AR25	✓	✓
AR30	✓	✓
AR33	✓	✓
AS1		
AS2		
AS3	✓	
AS6	✓	
AS10		
AS12		
AS13	✓	✓
AS14		
AS16	✓	
AS20G		
AS23	✓	✓
AS28	✓	✓
AS30	✓	✓
AS53	✓	✓
AT4	✓	
AT5	✓	
AT11	✓	
AW10		
AW12		
AW14		
AW35	✓	✓
AW38	✓	✓
AW40		
B1	✓	
B2		
C22	✓	✓
GL1		
GL2		
ROUND	✓	
ROUND12		
ROUND20	✓	✓
SC1	✓	✓
SC2	✓	✓
SC3		
SC4	✓	✓
SC5	✓	✓
SC6	✓	✓
SC-CORNER1		
SC-CORNER2		
ST10		
W31	✓	✓
WH35	✓	✓

**SURFACE MOUNTED CHANNELS**

LENS OPTIONS: C - Clear F - Frosted K - Black M - Milky NP - Narrow Prismatic WP - Wide Prismatic  
RM - Round Milky SM - Square Milky



**RECESSED CHANNELS**



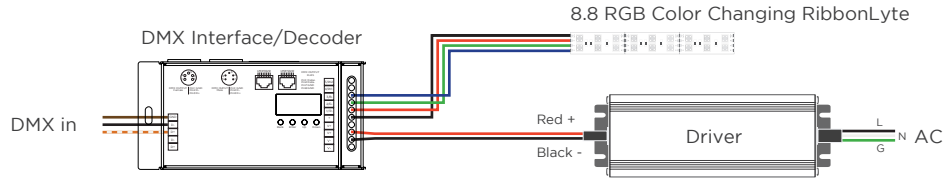
**DISCLAIMER**

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.

**WIRING DIAGRAMS**

DMX



**WIRE COLORS PER RIBBONLYTE COLOR**

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