

### 6.0 STATIC COLOR SERIES 2 RIBBONLYTE

Illuminate in pure color. Our 6.0 Static Color Series 2 RibbonLyte offers 4 different hues. Light your space with brilliant blue, or warm it up with an amber glow in custom fixtures. Static Color Series 2 RibbonLyte LEDs fall within a two-step MacAdam ellipse, maintaining your chosen color 100% of the time. For color changing RibbonLyte, please see our RGBW, RGBA or RGBWW RibbonLyte spec sheets.



- Create a custom fixture with our channel extrusions
- 4 static colors: Red, Amber, Green and Blue

#### 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	SCS220 - Static Color Series 2 IP20	6.0R - 6.0 W/ft Red	6.0B - 6.0 W/ft Blue
		SCS265 - Static Color Series 2 IP65	6.0G - 6.0 W/ft Green	6.0A - 6.0 W/ft Amber
		SCS268 - Static Color Series 2 IP68		

### 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

6.0 STATIC COLOR SERIES 2 RIBBONLYTE				
Operating Voltage	24 V			
Power Consumption	6.0 W/ft (19.7 W/m)			
Current (mA) - 24V	250 mA/ft (820 mA/m)			
LED Pitch	68 LEDs/ft (224 LEDs/m)			
Protection Rating	IP20, IP65, IP68			
Dimming/Control	MLV / 0-10 Volt / ELV / DALI			
Operating Temperature	-40 — 158 °F (-40 — 70 °C)			
Colors	Red	Amber	Green	Blue
Lumens	216 lm/ft (708 lm/m)	149 lm/ft (488 lm/m)	651 lm/ft (2137 lm/m)	142 lm/ft (465 lm/m)
LED Beam Angle	120°			
Lifetime (L70 reported)	50,000 hours			
Cutable Length	1.41 in (35.70 mm)			
Constant Voltage	✓			
Lumens/Watt	37 lm/W	24 lm/W	113 lm/W	23 lm/W
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.			
Warranty	IP20: 6 years, IP65/68: 3 years			

24V DIMENSIONS	Top View	Side View	Dimensions
IP20	 CUTTABLE EVERY: 1.41 in (35.70 mm)		<b>Width</b> 0.39 in (10 mm) <b>Max Length</b> 28 ft (8.5 m) <b>Height</b> 0.06 in (1.45 mm)
IP65	 CUTTABLE EVERY: 1.41 in (35.70 mm)		<b>Width</b> 0.39 in (10 mm) <b>Max Length</b> 28 ft (8.5 m) <b>Height</b> 0.1 in (2.5 mm)
IP68	 CUTTABLE EVERY: 1.41 in (35.70 mm)		<b>Width</b> 0.52 in (13.21 mm) <b>Max Length</b> 28 ft (8.5 m) <b>Height</b> 0.18 in (4.5 mm)

OPTIONAL ACCESSORY

0.5 in. VHB Tape	Flat Mounting Clip	Silicone Clip
 <p>Provides superior holding power in surface mounted applications Part Number: VHBTAPE0.5BK</p>	 <p>For mounting IP20/IP65 RibbonLyte Part Number: RBMNTSIL</p>	 <p>For mounting IP68 RibbonLyte Part Number: RBMNTSILW</p>

Note: RibbonLyte comes with an adhesive backing, but Acolyte recommends using VHB Tape for extra support in surface mounted applications.

USAGE GUIDELINES

- IP65 and IP68 RibbonLyte cannot be cut in the field. All custom cuts and connections for these models must be performed at the factory to ensure waterproofing standards are met. Any modification of the waterproofing will result in a void warranty.
- When installing this product, consider the surface temperature of the material where it will be mounted. Many building surfaces which are exposed to direct sunlight exceed the 70 °C / 158 °F maximum for which our product is rated. High-risk locations like this should be avoided.
- IP20 RibbonLyte products are for indoor use in dry areas. IP65 RibbonLyte products can be used in indoor dry/damp locations such as bathrooms and kitchens. IP68 RibbonLyte products can be used in wet, outdoor locations around 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 the RibbonLyte Proper Usage Guide in our Application Guide for more information. Available for download at AcolyteLED.com.
- This product is 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 RibbonLyte products, 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.

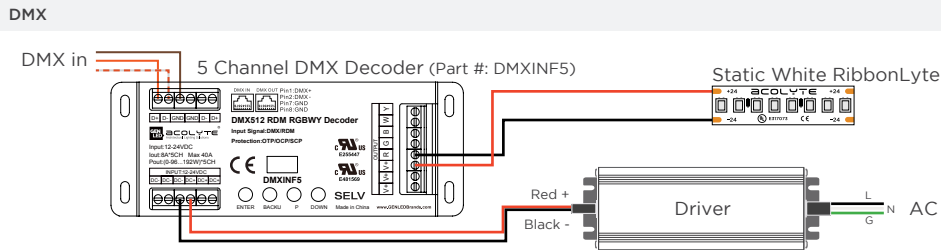
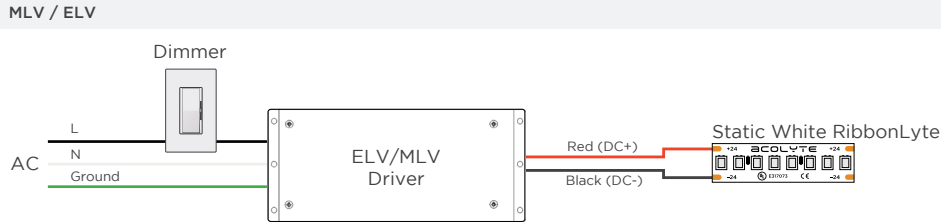
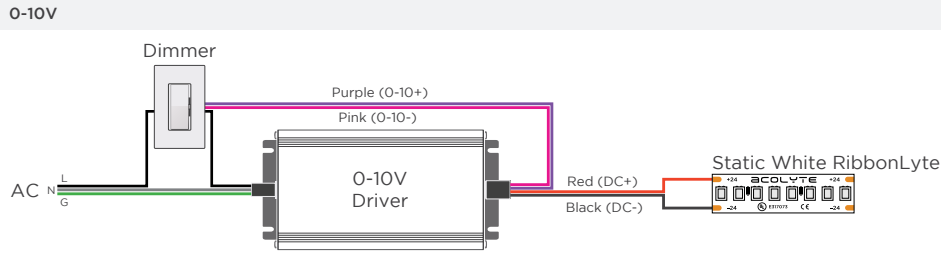
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CHANNEL COMPATIBILITY / CHANNEL OPTIONS

CHANNEL	IP20 IP65	IP68	SURFACE CHANNELS									
AC1	✓											
AC2	✓											
AC3	✓											
AC4	✓	✓										
AC5	✓	✓										
AR1	✓											
AR3	✓	✓										
AS1	✓											
AS2	✓											
AS3	✓	✓										
AS5	✓											
AS6	✓	✓										
AS10												
AS11	✓											
AS13	✓	✓										
AS16	✓	✓										
AS18	✓	✓										
AS20G	✓											
AS23	✓	✓										
AS30	✓	✓										
AS53												
AT4	✓	✓										
AT5	✓	✓										
B1	✓	✓										
SC3	✓	✓										
WH35	✓	✓										
			CORNER CHANNELS									
			AC1	AC2	AC3	AC4	AC5					
			W: 0.63 in. / 16 mm H: 0.63 in. / 16 mm Inside W: 0.48 in. / 12.2 mm	W: 0.63 in. / 16 mm H: 0.63 in. / 16 mm Inside W: 0.48 in. / 12.2 mm	W: 0.74 in. / 18.8 mm H: 0.74 in. / 18.8 mm Inside W: 0.48 in. / 12.2 mm	W: 1.18 in. / 30 mm H: 1.18 in. / 30 mm Inside W: 0.77 in. / 19.6 mm	W: 1.18 in. / 30 mm H: 1.18 in. / 30 mm Inside W: 0.77 in. / 19.6 mm					
			RECESSED CHANNELS									
			AR1	AR3								
			W: 0.9 in. / 22.9 mm H: 0.31 in. / 7.87 mm Inside W: 0.49 in. / 12.5 mm	W: 1.2 in. / 30.5 mm H: 0.39 in. / 9.9 mm Inside W: 0.81 in. / 20.6 mm								
			MUD-IN CHANNELS									
			SC3									
			W: 2.62 in. / 66.6 mm H: 0.55 in. / 14 mm Inside W: 0.69 in. / 17.5 mm									

**WIRING DIAGRAMS**



**WIRE COLORS PER RIBBONLYTE COLOR**

STATIC COLOR SERIES 2  
Red Wire (+) Positive  
Black Wire (-) Negative

**ACTUAL POWER CONSUMPTION**

Length (ft)	Length (m)	Actual Power Consumed (W)	Average Wattage (W/ft)	Average Wattage (W/m)	Actual Current Drawn (A)
5	1.52	30.01	6.00	19.69	1.250
10	3.05	56.55	5.66	18.55	2.356
15	4.57	78.71	5.25	17.21	3.280
20	6.10	95.60	4.78	15.68	3.983
25	7.62	102.89	4.12	13.50	4.287
28	8.54	103.31	3.69	12.10	4.305

**NOTE:** Quotes use nominal values. We highly recommend using nominal wattages for all customer calculations. Allow for a 15% buffer (10% driver, 5% fixture) in these calculations as performance may vary. Acolyte is not liable for product performance if these tables are used instead of nominal values when orders are placed.

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