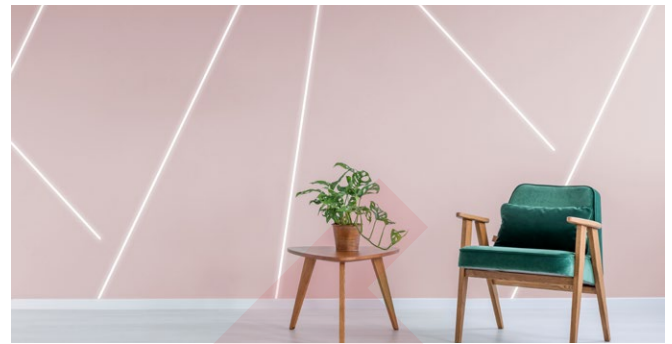## 3.0 STATIC WHITE MICRO S RIBBONLYTE

This super-slim 24V RibbonLyte provides 90+ CRI in six available CCTs ranging from 2200K to 4000K. With short cut lengths and a tight LED pitch, it provides brilliant light in incredibly tight spaces.

- 0.12 in. (3 mm) wide
- 55 LEDs/ft (182 LEDs/m)
- Cut length 1.52 in. (38.5 mm)
- IP20 rating for indoor use
- 2200K, 2400K, 2700K, 3000K, 3500K or 4000K
- 90+ CRI

Applications:

Commercial	Hospitality	Residential
Entertainment	Museums	Retail
Healthcare	Public Spaces	

UL LISTED 317073   CE   RoHS   IP20

⚠ **Product is in final stages of development. Specifications are preliminary targets subject to change before product launch.**

ORDERING GUIDE

Category	CRI	Ribbon Type & IP Rating	Wattage & Color	
RB	**90**	SWMCS20		
RB - RIBBONLYTE	**90** - 90+ CRI Static White	**SWMCS20** - Micro Static White IP20	**3.022** - 3.0 W/ft 2200K	**3.030** - 3.0 W/ft 3000K
			3.024 - 3.0 W/ft 2400K	**3.035** - 3.0 W/ft 3500K
			3.027 - 3.0 W/ft 2700K	**3.040** - 3.0 W/ft 4000K

CONNECTION OPTIONS

1. End Feed Bare Wire Connection (**Default Option**)

2. IP67 Connector Input

3. Soldered Daisy Chain

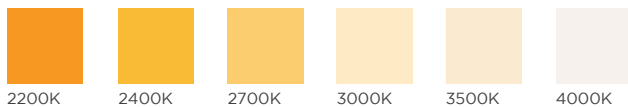**4.** Daisy Chain with IP67 Connectors

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 COLOR TEMPERATURES

2200K	2400K	2700K	3000K	3500K	4000K

SPECIFICATIONS / DIAGRAM / USAGE GUIDELINES

STATIC WHITE MICRO RIBBONLYTE 4.5						
Operating Voltage	24 V					
Power Consumption	3.0 W/ft (9.36 W/m)					
Current (mA) - 24V	187.5 mA/ft (615 mA/m)					
LED Pitch	55 LEDs/ft (182 LEDs/m)					
Protection Rating	IP20					
Dimming/Control	MLV / 0-10 Volt / Lutron Hi-lume 1% dimming & Hi-lume Premier 0.1% L3D0 LED drivers / Lutron VIVE code compliance available / ELV / DALI					
Operating Temperature	-4° F to 140° F (-20° C to 60° C)					
Colors Temperatures	2200K	2400K	2700K	3000K	3500K	4000K
Lumens	216 lm/ft (709 lm/m)	231 lm/ft (757 lm/m)	243 lm/ft (796 lm/m)	252 lm/ft (828 lm/m)	260 lm/ft (852 lm/m)	277 lm/ft (908 lm/m)
Lumens/Watt	72 lm/W	77 lm/W	81 lm/W	84 lm/W	87 lm/W	92 lm/W
Binning Tolerance	+/- 100K					
LED Beam Angle	120°					
Lamp Life	50,000 Hrs					
Cuttable Length	1.52 in (38.5 mm)					
CRI - All Color Temp.	90+ CRI					
Constant Voltage	✓					
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.					
Warranty	3 years					

24V DIMENSIONS	Top View	Side View	Dimensions
IP20	CUTTABLE EVERY: 1.52 in (38.5 mm)		**Width** 0.2 in (3 mm) **Max Length** 9 ft 10.1 in. (3 m) **Height** 0.06 in (1.45 mm)

USAGE GUIDELINES

- IP65 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 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.

GENLED ACOLYTE® Architectural Lighting Solutions

CHANNEL COMPATIBILITY / CHANNEL OPTIONS

CHANNEL OPTIONS

LENS OPTIONS: M - Milky

SURFACE MOUNTED CHANNELS

AS8
M

WIRING DIAGRAMS

0-10V

Dimmer

Purple (0-10+)
Gray (0-10-)

AC L N G

0-10V Driver

Red (DC+)

Micro S RibbonLyte

Black (DC-)

24V +/-   24V +/-

MLV / ELV

Dimmer

AC L N Ground

ELV/MLV Driver

Red (DC+)

Micro S RibbonLyte

Black (DC-)

24V +/-   24V +/-

DMX

DMX Interface/Decoder

Micro S RibbonLyte

24V +/-   24V +/-

DMX in

Red +

Driver

Black -

L N G AC
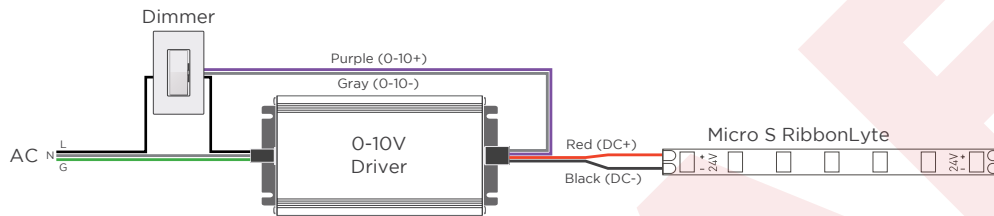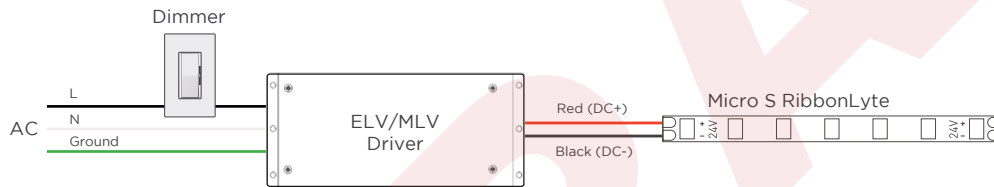
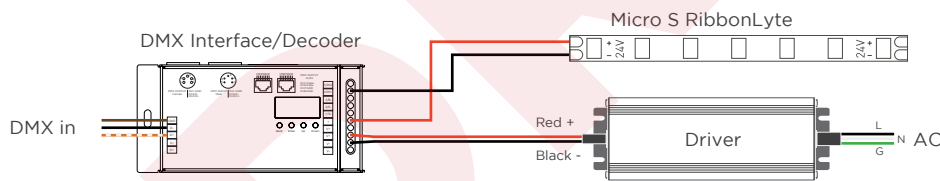
WIRE COLORS PER RIBBONLYTE COLOR

STATIC WHITE MICRO S

Red Wire (+) Positive

Black Wire (-) Negative

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.

REV.29ARP2022