



Date _____ Project _____

Notes _____

12.0 STATIC WHITE DOUBLE ROW RIBBONLYTE

This LED tape is twice as nice! Static White Double Row RibbonLyte provides powerful 90+ CRI light output for our widest channels. Doubling the number of diodes helps light blend for superior dot-free solutions. Design custom channel fixtures with our aluminum extrusions and any of 9 dimmable Static White CCTs.

- Static White (1800K-6000K)
- 136 LEDs/ft
- 0.7 in. (17.9 mm) cut lengths
- IP20 for interior use
- Provides premium blending for consistent output

Applications:

Commercial Hospitality Residential
Entertainment Museums Retail
Healthcare Public Spaces



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	SWDR20		
RB - RibbonLyte	90 - 90+ CRI Static White	SWDR20 - Static White Double Row IP20	12.018 - 12.0 W/ft 1800K	12.030 - 12.0 W/ft 3000K
			12.020 - 12.0 W/ft 2000K	12.035 - 12.0 W/ft 3500K
			12.022 - 12.0 W/ft 2200K	12.040 - 12.0 W/ft 4000K
			12.024 - 12.0 W/ft 2400K	12.060 - 12.0 W/ft 6000K
			12.027 - 12.0 W/ft 2700K	

CONNECTION OPTIONS

1. End Feed Bare Wire Connection (Default Option)



2. IP67 Connector Input



3. Soldered Daisy Chain



4. Daisy Chain with IP67 Connectors



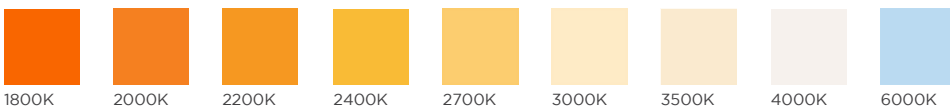
5. Bare Wire on Both Ends



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)

AVAILABLE COLOR TEMPERATURES



SPECIFICATIONS / DIAGRAM / USAGE GUIDELINES

12.0 STATIC WHITE DOUBLE ROW RIBBONLYTE									
Operating Voltage	24 V								
Power Consumption	12.2 W/ft (39.9 W/m)								
Current (mA) - 24V	507.2 mA/ft (1662.8 mA/m)								
LED Pitch	136 LEDs/ft (448 LEDs/m)								
Protection Rating	IP20								
Dimming/Control	MLV / 0-10 Volt / Lutron Hi-lume 1% dimming & Hi-lume Premier 0.1% L3DO LED drivers / Lutron VIVE code compliance available / ELV / DALI								
Operating Temperature	-22° F to 140° F (-30° C to 60° C)								
Colors Temperatures	1800K	2000K	2200K	2400K	2700K	3000K	3500K	4000K	6000K
MacAdam's Ellipses (SDCM)	2-Step Binning								
Lumens	836 lm/ft (2742 lm/m)	973 lm/ft (3191 lm/m)	1082 lm/ft (3549 lm/m)	1127 lm/ft (3694 lm/m)	1250 lm/ft (4097 lm/m)	1352 lm/ft (4433 lm/m)	1352 lm/ft (4433 lm/m)	1331 lm/ft (4365 lm/m)	1311 lm/ft (4298 lm/m)
Binning Tolerance	+/- 100K								
LED Beam Angle	120°								
Lamp Life	50,000 Hrs								
Cutable Length	0.7 in (17.9 mm)								
CRI - All Color Temp.	90+ CRI								
Lumens/Watt	68.5 lm/W	79.8 lm/W	88.7 lm/W	92.4 lm/W	102.5 lm/W	110.8 lm/W	110.8 lm/W	109.1 lm/W	107.5 lm/W
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	6 years								

24V DIMENSIONS	Top View	Side View	Dimensions
IP20	 <p>CUTTABLE EVERY: 0.7 in (17.9 mm)</p>		<p>Width 0.94 in (24 mm)</p> <p>Max Length XXX ft (XXX m)</p> <p>Height 0.06 in (1.45 mm)</p>

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 140 °F (60 °C) maximum that our product is rated for. High risk locations like this should be avoided.
- 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 warranted.
- 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	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							
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									

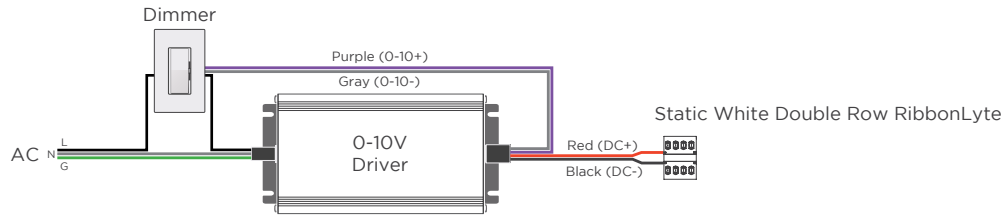
RECESSED CHANNELS	
	LENS OPTIONS: C - Clear F - Frosted K - Black M - Milky NP - Narrow Prismatic WP - Wide Prismatic RM - Round Milky SM - Square Milky
AR25	C, M, K, RM, SM
AR30	C, M, K, RM, SM
AR33	M, NP, WP
SC4	M, K, RM, SM
SC5	M, K, RM, SM

DISCLAIMER

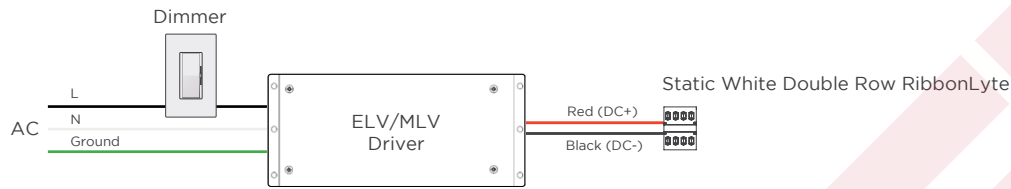
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WIRING DIAGRAMS

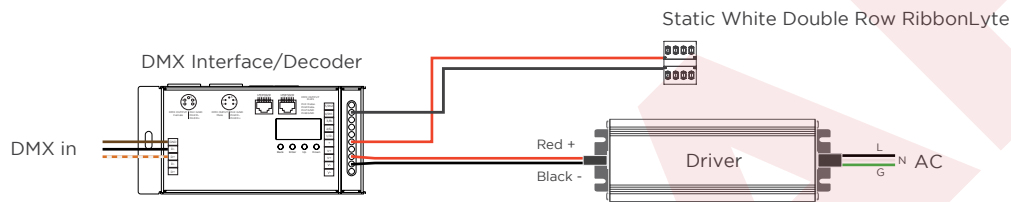
0-10V



MLV / ELV



DMX



WIRE COLORS PER RIBBONLYTE COLOR

STATIC WHITE DOUBLE ROW RIBBONLYTE
Red Wire (+) Positive
Black Wire (-) Negative