

### STATIC WHITE SERIES 2 RIBBONLYTE 5.0

Our Series 2 Static White RibbonLyte provides a 40% or more increase in lumens per watt, lumens per foot and LEDs per foot. Our Series 2 product line offers a 90+ CRI with tighter LED spacing and shorter cuttable lengths for improved design flexibility.

- 5.0 W/ft (16.4 W/m)
- Create a custom fixture with our channels
- 9 white color temperatures
- 90+ CRI
- 2-Step MacAdam ellipse binning



#### Applications:

- |               |               |             |
|---------------|---------------|-------------|
| Commercial    | Hospitality   | Residential |
| Entertainment | Museums       | Retail      |
| Healthcare    | Public Spaces |             |



**RoHS**

**IP20**

**IP65**

**IP68**

\* 1800K, 2000K, 2200K are not available in IP65 and IP68



5-Day QuickShip program applies to IP20 options from 2700K to 4000K only



### ORDERING GUIDE

Category	CRI	Ribbon Type & IP Rating	Wattage & Color	
<b>RB</b>	<b>90</b>			
RB - RIBBONLYTE	90 - 90+ CRI Static White	<b>SWS220</b> - Static White Series 2 IP20	<b>5.018</b> - 5.0 W/ft 1800K (IP20 Only)	<b>5.030</b> - 5.0 W/ft 3000K
		<b>SWS265</b> - Static White Series 2 IP65 (2400K, 2700K, 3000K, 3500K, 4000K, 6000K Only)	<b>5.020</b> - 5.0 W/ft 2000K (IP20 Only)	<b>5.035</b> - 5.0 W/ft 3500K
		<b>SWS268</b> - Static White Series 2 IP68 (2400K, 2700K, 3000K, 3500K, 4000K, 6000K Only)	<b>5.022</b> - 5.0 W/ft 2200K (IP20 Only)	<b>5.040</b> - 5.0 W/ft 4000K
			<b>5.024</b> - 5.0 W/ft 2400K	<b>5.060</b> - 5.0 W/ft 6000K
			<b>5.027</b> - 5.0 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

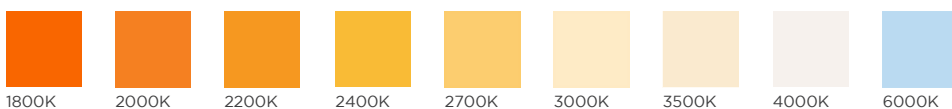


#### Standard cable length if not specified:

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)







Note: IP67 connectors are used for both IP20 and IP65/IP68 RibbonLyte

### AVAILABLE COLOR TEMPERATURES



SPECIFICATIONS / DIAGRAM / USAGE GUIDELINES

STATIC WHITE SERIES 2 RIBBONLYTE 5.0									
Operating Voltage	24 V								
Power Consumption	5.0 W/ft (16.4 W/m)								
Current (mA) - 24V	208 mA/ft (683 mA/m)								
LED Pitch	68 LEDs/ft (224 LEDs/m)								
Protection Rating	IP20, IP65, IP68 (1800K, 2000K, and 2200K are only available in IP20)								
Dimming/Control	ELV / MLV / 0-10 Volt / DMX / Lutron Hi-Lume 1% dimming LED drivers / DALI								
Operating Temperature	-40° F to 158° F (-40° C to 70° C)								
Colors Temperatures	1800K	2000K	2200K	2400K	2700K	3000K	3500K	4000K	6000K
MacAdam's Ellipses (SDCM)	2-Step Binning								
Lumens	417 lm/ft (1367 lm/m)	488 lm/ft (1602 lm/m)	533 lm/ft (1749 lm/m)	550 lm/ft (1804 lm/m)	620 lm/ft (2034 lm/m)	670 lm/ft (2198 lm/m)	675 lm/ft (2214 lm/m)	670 lm/ft (2198 lm/m)	650 lm/ft (2132 lm/m)
Binning Tolerance	+/- 100K								
LED Beam Angle	120°								
Lamp Life	50,000 Hrs								
Cutable Length	1.41 in (35.70 mm)								
CRI - All Color Temp.	90+ CRI								
Lumens/Watt	83 lm/W	98 lm/W	107 lm/W	110 lm/W	124 lm/W	134 lm/W	135 lm/W	134 lm/W	130 lm/W
Constant Voltage	✓								
Certifications	CE, ETL, RoHS								
Warranty	IP20: 6 years, IP65/68: 3 years								

24V DIMENSIONS	Top View	Side View	Dimensions
IP20	 CUTTABLE EVERY: 1.41 in (35.70 mm)		Width 0.39 in (10 mm) Max Length* 33 ft 4 in (10.1 m) Height 0.06 in (1.45 mm)
IP65	 CUTTABLE EVERY: 1.41 in (35.70 mm)		Width 0.39 in (10 mm) Max Length* 32 ft 8 in (10 m) Height 0.1 in (2.5 mm)
IP68	 CUTTABLE EVERY: 1.41 in (35.70 mm)		Width 0.52 in (13.21 mm) Max Length* 32 ft 8 in (10 m) Height 0.18 in (4.5 mm)

\*Max length before additional power is introduced  
Maximum run length for IP68 waterproof RibbonLyte is 10 m (32 ft 8 in). For single runs longer than 9.14 m, RibbonLyte will be daisy chained.

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 GENLED Acolyte<sup>®</sup> drivers, 0-10V dimming modules and interface controllers (DMXINF models).
- Use with non-GENLED Acolyte<sup>®</sup> supplied Triac, MLV or ELV 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.

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CHANNEL COMPATIBILITY / CHANNEL OPTIONS

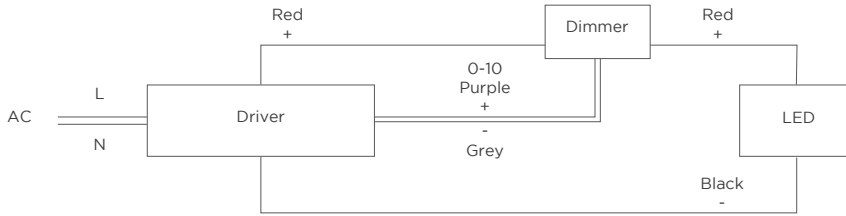
CHANNEL	IP20 IP65	IP68	SURFACE MOUNTED CHANNELS																
			LENS OPTIONS: C - Clear F - Frosted K - Black M - Milky NP - Narrow Prismatic WP - Wide Prismatic RM - Round Milky SM - Square Milky																
AC1	✓	✓																	
AC2	✓	✓																	
AC3	✓																		
AC4	✓	✓																	
AC5	✓	✓																	
AC14	✓																		
AP1	✓	✓	AC1 C, F, M	AC2 C, F, M	AC3 C, F, M	AC4 C, F, M	AC5 C, F, M	AC14 SM	AP1 C, K, M, SM	AS1 C, F, M									
AR1	✓																		
AR2	✓																		
AR3	✓	✓																	
AR5																			
AR8																			
AR10	✓		AS2 C, F, M	AS3 C, F, M	AS6 C, F, M	AS10 C, M	AS12 RM	AS13 RM, SM	AS14 SM	AS16 C, K, M									
AR14	✓																		
AR16	✓	✓																	
AR20	✓	✓																	
AR23	✓																		
AR25	✓	✓																	
AR30	✓	✓	AS20G G	AS23 C, K, M, SM	AS28 M, NP, WP	AS30 M, RM, SM	AS53 M, NP, WP	AT4 C, F, M	AT5 C, F, M	AT11 C, F, M									
AR33	✓	✓																	
AS1	✓																		
AS2	✓																		
AS3	✓	✓																	
AS6	✓	✓																	
AS10	✓		AW10 C, K, M	AW12 C, K, M, RM	AW14 C, K, M	AW35 C, F, M	AW38 M, RM, SM	AW38 C, F, M	B1 C, F, M	B2 RM									
AS12	✓	✓																	
AS13	✓	✓																	
AS14	✓																		
AS16	✓	✓																	
AS20G	✓																		
AS23	✓	✓	C22 C, F, M	GL2 C, F, M	ROUND C, F, M	ROUND12 C, K, M	ROUND20 C, K, M	ST10 C, F, M	WH35 C, F, M										
AS28	✓	✓																	
AS30	✓	✓																	
AS53	✓	✓																	
AT4	✓	✓																	
AT5	✓	✓																	
AT11	✓																		
AW10	✓																		
AW12	✓																		
AW14	✓																		
AW35	✓	✓																	
AW38	✓	✓																	
AW40	✓		AR1 C, F, M	AR2 C, F, M	AR3 C, F, M	AR10 C, M	AR14 SM	AR16 C, K, M	AR20 C, K, M, SM	AR23 C, K, M									
B1	✓																		
B2	✓																		
C22	✓	✓																	
GL1	✓	✓																	
GL2	✓	✓																	
ROUND	✓	✓	AR25 M, RM, SM	AR30 M, RM, SM	AR33 M, NP, WP	GL1 C, F, M	SC1 M	SC2 M	SC3 M	SC4 M, RM, SM									
ROUND12	✓																		
ROUND20	✓	✓																	
SC1	✓	✓																	
SC2	✓	✓																	
SC3	✓																		
SC4	✓	✓	SC5 M, RM, SM	SC6 C, K, M, SM	SC-CORNER1 M	SC-CORNER2 M	W31 C, F, M												
SC5	✓	✓																	
SC6	✓	✓																	
SC-CORNER1	✓																		
SC-CORNER2	✓																		
ST10	✓																		
W31	✓	✓																	
WH35	✓	✓																	

**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**

**0-10V**



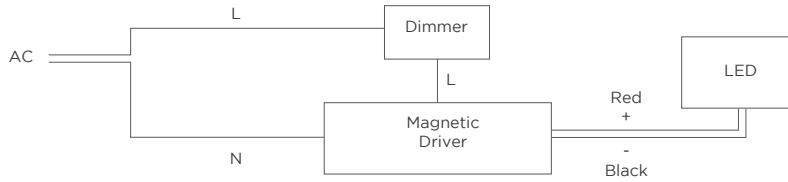
**WIRE COLORS PER RIBBONLYTE COLOR**

**STATIC WHITE SERIES 2**

Red Wire (+) Positive

Black Wire (-) Negative

**MAGNETIC + ELV**



**DMX**

