

Date Project

Notes

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
- Closet rated (standalone or surface channels)

Applications:

Commercial Hospitality Residential Entertainment Museums Retail Healthcare Public Spaces





RoHS

IP20

IP65

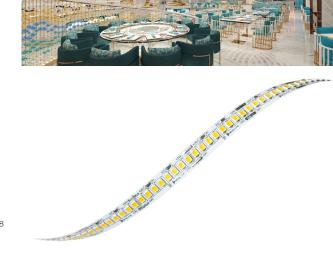
IP68

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





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





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

CONNECTION OPTIONS





2. IP67 Connector Input



5. Bare Wire on Both Ends



4. Daisy Chain with IP67 Connectors



Standard cable length if not specified:

- 1. 12 in. cable with bare wire (custom length up to 20 feet)
- ${\bf 2.}$ 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.)
- $\textbf{4.} \ \textbf{3} \ \textbf{in.} \ \textbf{cable between IP67 connector and RibbonLyte (custom length up to 18 in.)}$
- 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 WHI	TE SERIES 2 RIBE	BONLYTE 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 L	EDs/ft (224 LED	s/m)			
Protection Rating			IP20, IP65	i, IP68 (1800K, 20	000K, and 2200K	are only availab	ole in IP20)		
Dimming/Control	MLV / 0-10 V	olt / Lutron Hi-lu	ıme 1% dimming	& Hi-lume Premie	er 0.1% L3D0 LED	drivers / Lutror	NIVE code com	pliance available	/ELV/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							
Cuttable 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		Suitable	CSA	: 2016/06/17 Ed: C22.2 No. 250.0, ROF s, compliant with	General Require	ments for Lumin 2108.	aires.	6 (C)(5).	
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)
I P68	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)

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.
- 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.

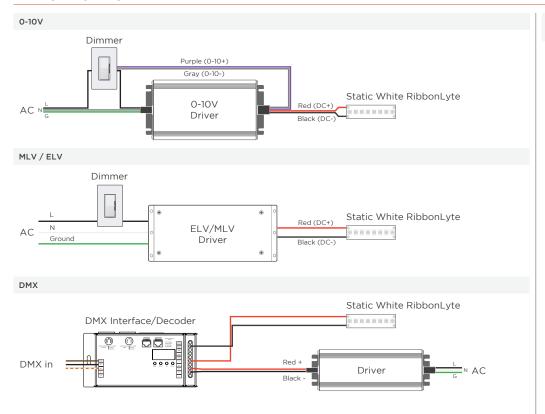


CHANNEL COMPATIBILITY / CHANNEL OPTIONS

CHANNEL	IP20 IP65	IP68	SURFACE MOUNT	TED CHANNELS						
AC1	√	✓	LENS OPTIONS:	C - Clear F - Fro	sted K - Black	M - Milky NP - Nar	row Prismatic W	P - Wide Prismatic	RM - Round Milky	SM - Square Milky
AC2	/	✓								
AC3	/									
AC4	/	/								
AC5	~	~								
AC14	/							10.41		
AP1	_	/	AC1	AC2	AC3	AC4	AC5	AC14	AP1	AS1
AR1	/		C, F, M	C, F, M	C, F, M	C, F, M	C, F, M	SM	C, K, M, SM	C, F, M
AR2	/							h		h
AR3	/	/								
AR5		•	I land							
AR8						130	- 2	is a		
AR10			AS2	AS3	AS6	AS12	AS13	AS14	AS16	AS20G
AR14			C, F, M	C, F, M	C, F, M	RM	RM, SM	SM	C, K, M	G
	/						b.			
AR16 AR20		~								
	/	~								
AR23	/					00	6 6	0 0	0 0	
AR25	/	/	4607	4.500	4.070	4057		4.75	A T44	414/95
AR30	/	/	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	AW10 C, F, M
AR33	/	~	-, . , . ,	.,,	,, 5. 1	.,,	2,1,11	-,.,	2,1,11	-, . ,
AS1	~							17		
AS2	~							_ //		
AS3	~	~								
AS6	/	/				1. 10.	40		1	
AS10			AW12	AW14	AW35	AW38	AW38	B1	B2	C22
AS12	/	/	C, K, M, RM	C, K, M	C, F, M	M, RM, SM	C, F, M	C, F, M	RM	C, F, M
AS13	~	/								
AS14	/									
AS16	/	/								
AS20G	/							0 0		
AS23	_	/	GL2	ROUND	ROUND12	ROUND20	ST10	WH35		
AS28	/	~	C, F, M	C, F, M	C, K, M	C, K, M	C, F, M	C, F, M		
AS30	/	~								
AS53	/	/								
AT4	/	/	RECESSED CHAN	INELS						
AT5	/	*	LENG OPTIONS	6 Chan 5 For	ated K Blade	M Miller NB Ne	Driverskie M	D. Wilds Dissessing	DM Daniel Miller	CM Common Millor
AT11	/	*	LENS OPTIONS:	C - Clear F - Fro	osted K - Black	M - Milky NP - Nar	row Prismatic W	P - Wide Prismatic	RM - Round Milky	SM - Square Milky
AW10	/									
AW12	/									
AW14	/									
AW35	/	/							- B.	
AW38	/	/	AR1	AR2	AR3	AR14	AR16	AR20	AR23	AR25
AW40	/		C, F, M	C, F, M	C, F, M	SM	C, K, M	C, K, M, SM	C, K, M	M, RM, SM
B1	~			.					L.	
B2	~									
C22	~	/						E. C.		
GL1	/	/					1	111		
GL2	✓	✓	4 P.70	4 D.7.7	CLI	561	562	567	554	SCE
ROUND	~	~	AR30 M, RM, SM	AR33 M, NP, WP	GL1 C, F, M	SC1 M	SC2 M	SC3 M	SC4 M, RM, SM	SC5 M, RM, SM
	✓				AD				, ,	, ,,
ROUND12	,	~		Co.	THE					
	/			199	B					
ROUND20		/		100	13					
ROUND20 SC1	~	/		100						
ROUND20 SC1 SC2	/	/		Al con						
ROUND20 SC1 SC2 SC3	\rightarrow \right	/	SC6	SC-CORNER1	SC-CORNER2	W31				
ROUND20 SC1 SC2 SC3 SC4		✓ ✓	SC6 C, K, M, SM	SC-CORNER1 M	SC-CORNER2 M	W31 C, F, M				
ROUND20 SC1 SC2 SC3 SC4 SC5	\rightarrow	\rightarrow \right								
ROUND20 SC1 SC2 SC3 SC4 SC5 SC6		✓ ✓								
ROUND20 SC1 SC2 SC3 SC4 SC5 SC6 SC6		\rightarrow \right	C, K, M, SM							
ROUND20 SC1 SC2 SC3 SC4 SC5 SC6 SC6 SC6-CORNER1	· · · · · · · · · · · · · · · · · · ·	\rightarrow \right								
ROUND20 SC1 SC2 SC3 SC4 SC5 SC6 SC-CORNER1 SC-CORNER2 ST10	· · · · · · · · · · · · · · · · · · ·	\rightarrow \right	C, K, M, SM DISCLAIMER When installing the	M his product take ir	M nto account the su	C, F, M irface temperature		his product is mou		
ROUND12 ROUND20 SC1 SC2 SC3 SC4 SC5 SC6 SC-CORNER1 SC-CORNER2 ST10 W31	· · · · · · · · · · · · · · · · · · ·	\rightarrow \right	DISCLAIMER When installing the are exposed to discontinuous series of the series of t	M his product take ir irect sunlight exce	M nto account the su sed the 70°C/158°	C, F, M irface temperature F maximum that c	ur product is rate	his product is mou ed for. High risk lor carry UL676 certif	cations like this sh	



WIRING DIAGRAMS



WIRE COLORS PER RIBBONLYTE COLOR

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