STATIC WHITE SERIES 2 RIBBONLYTE 6.0

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.

- 6.0 W/ft (19.7 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

ETL   CE   RoHS   IP20   IP65   IP68

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

QuickShip
5-Day QuickShip program applies to IP20 options from 2400K to 6000K only

ORDERING GUIDE

Category	CRI	Ribbon Type & IP Rating	Wattage & Color	
RB	**90**			
RB - RIBBONLYTE	**90** - 90+ CRI Static White	**SWS220** - Static White Series 2 IP20	**6.018** - 6.0 W/ft 1800K (IP20 Only)	**6.030** - 6.0 W/ft 3000K
		SWS265 - Static White Series 2 IP65	**6.020** - 6.0 W/ft 2000K (IP20 Only)	**6.035** - 6.0 W/ft 3500K
		(2400K, 2700K, 3000K, 3500K, 4000K, 6000K Only**)**	**6.022** - 6.0 W/ft 2200K (IP20 Only)	**6.040** - 6.0 W/ft 4000K
		SWS268 - Static White Series 2 IP68	**6.024** - 6.0 W/ft 2400K	**6.060** - 6.0 W/ft 6000K
		(2400K, 2700K, 3000K, 3500K, 4000K, 6000K Only**)**	**6.027** - 6.0 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
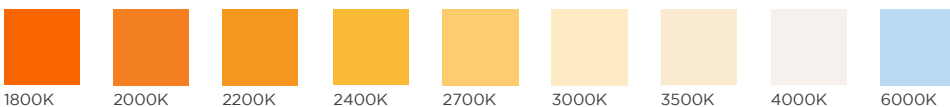
5. Bare Wire on Both Ends

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.)
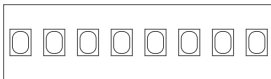**5.** Standard 12 in. cable with bare wire (custom length up to 10 feet)
Note: IP67 connectors are used for both IP20 and IP65/IP68 RibbonLyte
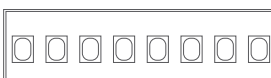
AVAILABLE COLOR TEMPERATURES

1800K	2000K	2200K	2400K	2700K	3000K	3500K	4000K	6000K

SPECIFICATIONS / DIAGRAM / USAGE GUIDELINES

STATIC WHITE SERIES 2 RIBBONLYTE 6.0									
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 (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	490 lm/ft (1607 lm/m)	570 lm/ft (1870 lm/m)	634 lm/ft (2080 lm/m)	660 lm/ft (2165 lm/m)	732 lm/ft (2401 lm/m)	792 lm/ft (2598 lm/m)	792 lm/ft (2598 lm/m)	780 lm/ft (2558 lm/m)	768 lm/ft (2519 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	82 lm/W	95 lm/W	106 lm/W	110 lm/W	122 lm/W	132 lm/W	132 lm/W	130 lm/W	128 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*** 28 ft (8.5 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*** 28 ft (8.5 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*** 28 ft (8.5 m) **Height** 0.18 in (4.5 mm)

*Max length before additional power is introduced
Maximum run length for IP68 waterproof RibbonLyte is 8.5 m (28 ft). For single runs longer than 8.5 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.**GEN**LEDBrands.com/Acolyte.
- Compatible with a wide variety of control products including the entire line of Lutron dimming systems.
- For use with **GEN**LED Acolyte® drivers, 0-10V dimming modules and interface controllers (DMXINF models).
- Use with non-**GEN**LED Acolyte® supplied Triac, MLV or ELV 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.

CHANNEL COMPATIBILITY / CHANNEL OPTIONS

CHANNEL	IP20 IP65	IP68
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	✓	✓

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 — 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

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

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

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

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

RECESSED CHANNELS

LENS OPTIONS: **C** - Clear **F** - Frosted **K** - Black **M** - Milky **NP** - Narrow Prismatic **WP** - Wide Prismatic **RM** - Round Milky **SM** - Square Milky

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

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

SC5 — M, RM, SM
SC6 — C, K, M, SM
SC-CORNER1 — M
SC-CORNER2 — M
W31 — C, F, M

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.
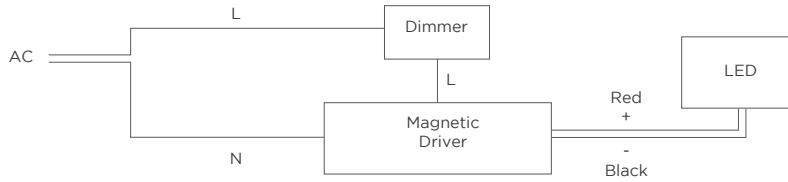
WIRING DIAGRAMS

0-10V
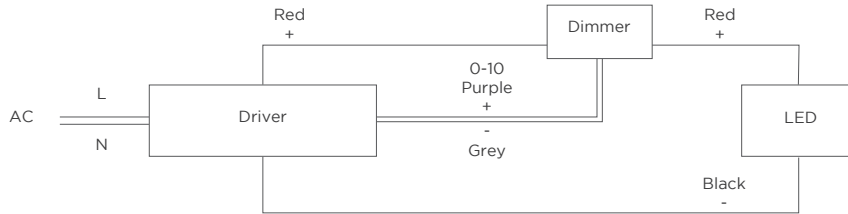
WIRE COLORS PER RIBBONLYTE COLOR

STATIC WHITE + STATIC COLOR SERIES 2

Red Wire (+) Positive

Black Wire (-) Negative

MAGNETIC + ELV

DMX

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