

○ White



RIBBONLYTE 4.4

RoHS
Compliant



Dry or wet location flexible LEDs

12 or 24 Volt

4.4 Watts per foot, 18 LEDs per foot

IP65 and IP68 versions are UV resistant

2400K, 2700K, 3000K, 3500K, 4100K, and 6000K

Cuttable every 1.97 inches (12V) or 3.94 inches (24V)

DIMENSIONS

4.4 - 12 Volt

LED on center: 0.66 Inches / 16.7 mm

Height: 0.09 Inches / 2.3 mm

Width: 0.39 Inches / 10 mm

Length between cuttable points: 1.97 Inches / 50 mm

4.4 - 24 Volt

LED on center: 0.66 Inches / 16.7 mm

Height: 0.09 Inches / 2.3 mm

Width: 0.39 Inches / 10 mm

Length between cuttable points: 3.94 Inches / 100 mm



PART NUMBER BUILDER

Category	CRI	Waterproof	Voltage	Wattage	Color / Temp.					
RB	+		+		+	4.4	+		=	Your Part Number
	Blank - Regular HI - High CRI	65 - IP65 68 - IP68 Blank - None (IP20)	12 - 12V 24 - 24V		24 - 2400K 27 - 2700K 30 - 3000K 35 - 3500K 41 - 4100K 60 - 6000K	Example: RB124.427				

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SPECIFICATIONS RIBBONLYTE 4.4

Operating Voltage	12 Volt / 24 Volt
Power Consumption	4.4 Watts / Linear Foot
Milliamperes	12v: 366 mA / Foot 24v: 183 mA / Foot
Protection Rating	IP20/IP65/IP68
Dimming	Triac / 0-10 Volt / DMX / Lutron A-Series 1% dimming LED drivers
Operating Temperature	-40° C to 70° C
Color Temperature	2400K, 2700K, 3000K, 3500K, 4100K and 6000K
Lumen Output	2400K: 362.6 lm/ft; 2700K: 352.7 lm/ft; 3000K: 375.2 lm/ft; 3500K: 416.5 lm/ft; 4100K: 406.8 lm/ft; 6000K: 378.4 lm/ft
Binning Tolerance	+/- 100K
LED Beam Angle	160°
Lamp Life	50,000 Hours
Cutttable	12v: Every 1.97" (50 mm) 24v: Every 3.94" (100 mm)
CRI	70-80 CRI for all color temperatures *CRI greater than 90 is available upon request
Lumens per Watt (per ft)	2400K: 82.4 lm/W; 2700K: 80.2 lm/W; 3000K: 85.3 lm/W; 3500K: 94.7 lm/W; 4100K: 92.5 lm/W; 6000K: 86.0 lm/W
Constant Voltage	Yes
Maximum Run Length	IP20: 12V: 16' 4.9" (5 Meters) IP20: 24V: 26' 3" (8 Meters) IP65 + IP68: 16' 5" (5 Meters)

DIMENSIONS RIBBONLYTE 4.4

IP20 + IP65

Width	0.39" / 10 mm
Length	IP20: 12V: Up to 16' 5" (5 m); 24V: 26' 3" (8 m) IP65: Up to 16' 5" (5 m)
Height	IP65: 0.172" / 4.4 mm

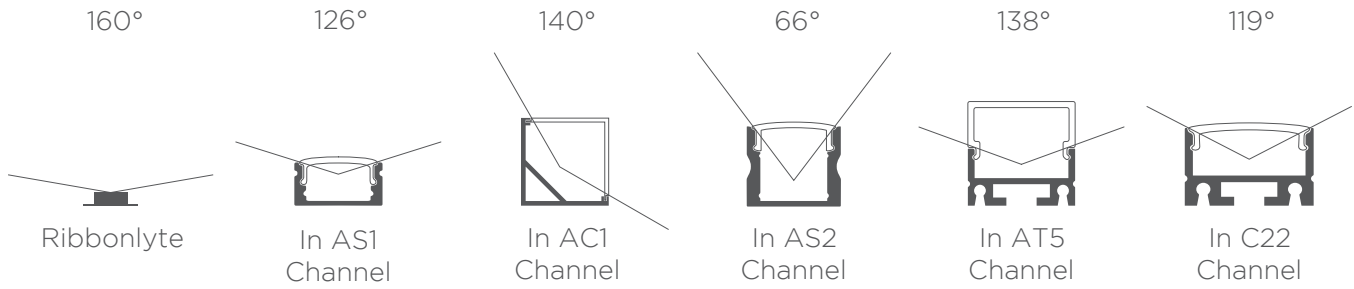
OUTDOOR - IP68

Width	0.52" / 13.3 mm
Length	Up to 16' 5" (5 m)
Height	0.19" / 4.8 mm

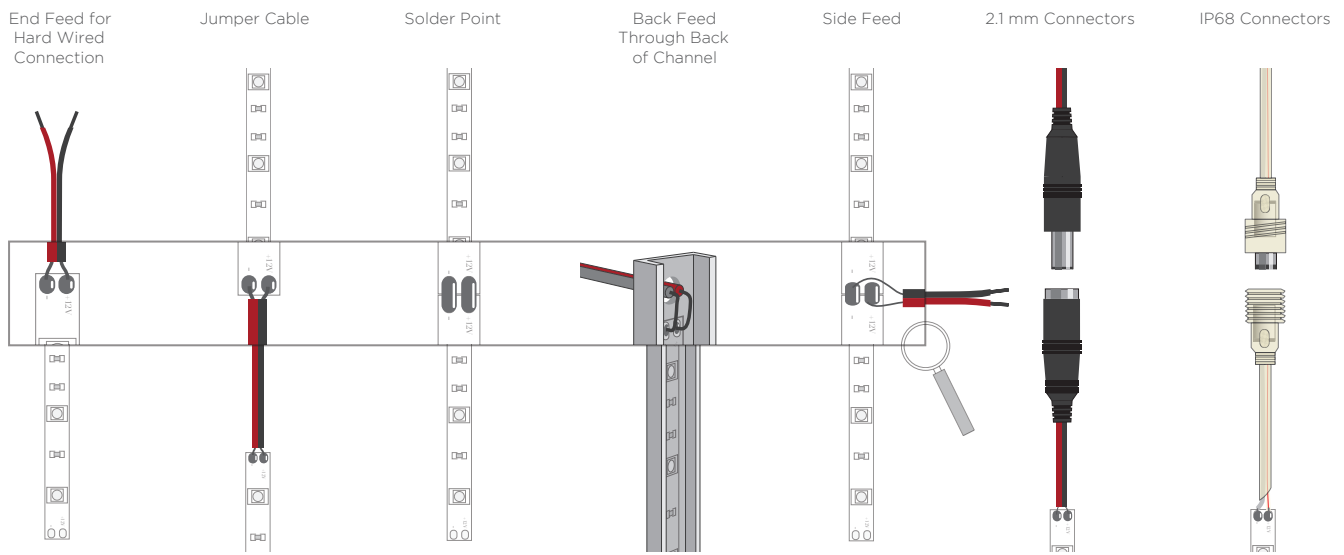
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SAMPLE BEAM ANGLES



CONNECTION OPTIONS



CHANNEL COMPATIBILITY

Protection

Non-Waterproof (IP20)
+IP65

IP68

Compatible Channels

All Channel

AC1, AC2, AC4, AC5, AR3, AS3, AS6, AT1, AT2, AT4, AT5, AT11, C22, AP1, GL1

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USAGE GUIDELINES

Compatible with a wide variety of control products including the entire line of Lutron dimming systems.

For use with Acolyte drivers, triac dimming modules, 0-10 modules and interface controllers (DMXINF models).

Use with non-Acolyte 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.

IP65 and IP68 versions can be used in wet, outdoor locations around swimming pools and spa tubs, but not submerged in swimming pools and spa tubs.

We reserve the right to make changes to product lineup, specifications, design and finishes at any time without notice.

ACCESSORIES RIBBONLYTE 4.4



CHANNEL
See Channel Guide



DRIVERS
See Drivers Guide



CONTROLLERS
See Controllers Guide



PARTS AND ACCESSORIES
See Parts and Accessories Guide

STATIC WHITE RIBBONLYTE COMPARISON GUIDE

SPECIFICATIONS	1.5	2.2	3.0	4.4	5.0	6.0	8.8
Operating Voltage	12 V and 24 V versions						24 V
Power Consumption	1.5 W / Ft	2.2 W / Ft	3.0 W / Ft	4.4 W / Ft	5.0 W / Ft	6.0 W / Ft	8.8 W / Ft
Current (mA) - 12 V	125	183	250	366	417	500	--
Current (mA) - 24 V	63	92	125	183	208	250	367
Protection Rating	IP20, IP65, IP67 and IP68						
Beam Angle	160°						
Color Temperatures	2400K, 2700K, 3000K, 3500K, 4100K, 6000K						
LED's / Foot	18	9	36	18	15	72	36
Width - IP20 / IP45 / IP65	0.31"	0.39"	0.31"	0.39"	0.41"	0.50"	0.59"
Width - IP67 / IP68	0.41"	0.52"	0.41"	0.52"	0.54"	0.66"	0.77"
Cuttable Length - 12 V	1.97"	3.94"	0.98"	1.97"	2.46"	0.98"	--
Cuttable Length - 24 V	3.94"	6.55"	1.97"	3.94"	4.92"	1.97"	1.97"
Max Length - 12 V	29' 4.6"	26' 3"	19' 8.2"	16' 4.9"	16' 4.9"	16' 4.9"	--
Max Length - 24 V	68' 7.5"	45' 10.3"	32' 9.7"	26' 3"	32' 9.7"	26' 3.0"	25' 7.1"
Max Length IP65 + IP68	16' 5"	16' 5"	16' 5"	16' 5"	16' 5"	16' 5"	16' 5"
Lumen / Ft - 2400 K	122.2	196.1	228.9	362.6	542.3	485.2	681.8
Lumen / Ft - 2700 K	118.8	193.6	234.0	352.7	506.5	463.5	730.3
Lumen / Ft - 3000 K	129.0	206.1	259.1	375.2	568.2	523.8	744.9
Lumen / Ft - 3500 K	127.1	221.7	252.4	416.5	576.2	550.0	801.7
Lumen / Ft - 4100 K	131.2	223.8	254.7	406.8	699.7	514.0	782.2
Lumen / Ft - 6000 K	139.7	207.0	281.5	378.4	619.6	537.5	765.7
Lumens / Watt - 2400 K	81.5	89.1	76.3	82.4	108.5	80.9	77.5
Lumens / Watt - 2700 K	79.2	88.0	78.0	80.2	101.3	77.3	83.0
Lumens / Watt - 3000 K	86.0	93.7	86.4	85.3	113.6	87.3	84.6
Lumens / Watt - 3500 K	84.7	100.8	84.1	94.7	115.2	91.7	91.1
Lumens / Watt - 4100 K	87.5	101.7	84.9	92.5	139.9	85.7	88.9
Lumens / Watt - 6000 K	93.1	94.1	93.8	86.0	123.9	89.6	87.0
CRI - All Color Temperatures	70-80 CRI						

*CRI greater than 90 is available upon request