GEN LED acolyte® Architectural Lighting Solutions

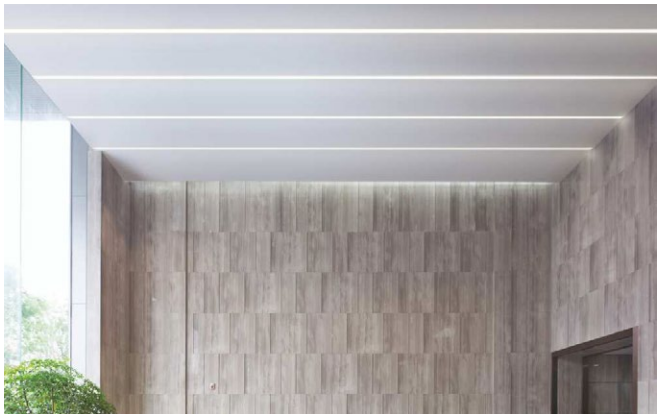
Date | Project

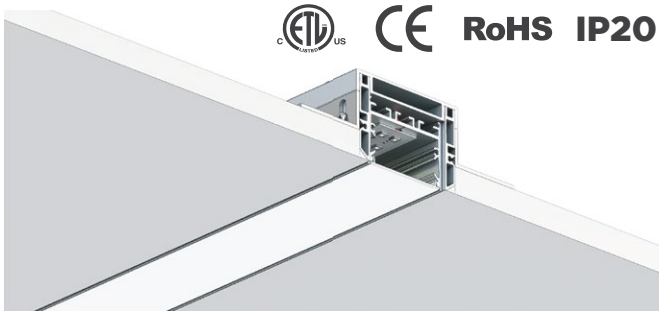
Notes

SIMPLY CLEAN™ RECESSED FIXTURES SC1

Simply Clean™ SC1 channel lets you build custom recessed fixtures with our RibbonLyte products. Designed to use two rows of LED tape, SC1 channel is 2.13 in. (54.1 mm) wide and features a 60-degree beam angle. Display stunning seamless continuous lines of light flush to new or existing drywall or gypsum walls and ceilings. SC1 channel is compatible with a wide range of RibbonLyte, including nine white CCTs, four static colors, RGB, RGBW, RGBA, Variable White and Warm Dim.

- Available for field assembly or factory assembly
- Assembled in USA





RoHS IP20

HOUSING FINISHES

Silver Standard | **Black*** | **White*** | **Custom RAL***

*Additional fee applies

AVAILABLE LENS FINISHES

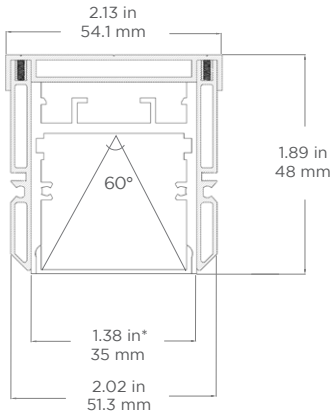
Milky Lens
70% Light Transmission

AVAILABLE COLORS & COLOR TEMPERATURES

1800K | 2000K | 2200K | 2400K | 2700K | 3000K | 3500K | 4000K | 6000K | Red | Amber | Green | Blue | RGB | RGBA | RGBW | VW | WD

DIMENSIONS

SC1 Channel



Width: 2.13 in. (54.1 mm)
Height: 1.89 in. (48 mm)
Internal Width: 1.38 in (35 mm)

*Width of visible light diffuser
Note: This channel does not require mounting clips. Please see our installation guide for instructions.

For installation, cut hole in ceiling:

For detailed installation instructions, please reference SC1 installation guide on the product page below:

https://genledbrands.com/acolyte/product/sc1/

MOUNTING OPTIONS:

Ceiling Mount

Horizontal Wall Mount

Vertical Wall Mount

Cross-Wall Mount

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SPECIFICATIONS & PARTS / EXPLODED VIEW

Beam Angle	60°
Lens Type	Milky Lens
Length	Channel is sold by the foot and cut to your exact desired length. Required amount of L Brackets or Spring Clips included.
Operating Voltage	24V
Dimming	MLV / 0-10 Volt / Lutron Hi-Lume 1% dimming LED drivers / Lutron VIVE code compliance available / ELV / DALI / DMX
Operating Temperature	-40° F to 158° F (-40° C to 70° C)
Colors	1800K, 2000K, 2200K, 2400K, 2700K, 3000K, 3500K, 4000K, 6000K, Red, Amber, Green, Blue, RGB, RGBA, RGBW, VW, RGB & RGBW Addressable, Warm Dim (1800K, 2000K, 2200K only available in IP20)
CRI	90+ CRI (Static white only)
Lamp Life	L70 at 50,000 Hours
MacAdam Ellipses (SDCM)	2-Step Binning (For Static White LEDs only)
Certifications	ETL Listed: UL 2108 Issued: 2004/02/27 Ed: 1 Rev: 2014/02/24 Low Voltage Lighting Systems CSA C22.2#9.0 Issued: 1996/06/01 Ed: 1 (R2011) General Requirements for Luminaries; with Gen. Inst. 1: 1997, Gen Inst. 2: 1998. ROHS compliant UL 2108 - Low Voltage Lighting Systems UL 8750 - Light Emitting Diode (LED) Equipment for Use in Lighting Products UL 1598 / CSA 250.0-08 - Luminaires
Width	2.13 in (54.1 mm)
Height	1.89 in (48 mm)
Length	Sold by the foot or meter. We recommend field cutting by contractor on site for any run lengths greater than 8 feet or 2.5 meters, to ensure that measurements align exactly with the architectural space.
Internal Width	1.38 in (35 mm)

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ORDERING GUIDE

STEP 1 Complete Channel Part Number

CHANNEL	LENS	HOUSING COLOR	
CHSC1	M		
CHSC1 - Simply Clean™ SC1 Recessed Fixture	**M** - Milky Lens	**SV** - Silver (default)	**WH** - White
		BK - Black	Consult factory for custom colors

STEP 2 Complete RibbonLyte Part Number

CATEGORY	CRI	RIBBON TYPE & IP RATING		
RB				
RB - RibbonLyte	**0** - Static Color, Color Changing	**SWS220** - Static White Series 2 IP20	**RGBWADD** - Addressable RGBW IP67	**RGBWA20** - RGBW/A IP20
	90 - 90+ CRI Static White	**SWS265** - Static White Series 2 IP65	**VWS220** - VW Series 2 IP20	**RGBWA65** - RGBW/A IP65
		SWS268 - Static White Series 2 IP68	**VWS265** - VW Series 2 IP65	**RGBWA68** - RGBW/A IP68
		SCS220 - Static Color Series 2 IP20	**VWS268** - VW Series 2 IP68	**WD20** - Warm Dim IP20
		SCS265 - Static Color Series 2 IP65	**RGB20** - RGB IP20	**WD65** - Warm Dim IP65
		SCS268 - Static Color Series 2 IP68	**RGB65** - RGB IP65	**WD68** - Warm Dim IP68
NOTE: To ensure waterproofing standards are met, IP65, IP67, and IP68 RibbonLyte can NOT be cut in the field.		**RGBADD** - Addressable RGB IP67	**RGB68** - RGB IP68	

Note: This product uses two rows of LED strips, so a 3W/ft fixture uses two rows of 1.5 W/ft LED strips. An 8.8 W/ft fixture uses two rows of 4.4 W/ft strips.

WATTAGE	COLOR	
1.5 - 1.5 W/ft (4.92 W/m - Static White, Static Color)	**18** - 1800K	**VW** - Variable White
2.0 - 2.0 W/ft (6.6 W/m - Variable White)	**20** - 2000K	**RGB** - Red, Green, Blue
3.0 - 3.0 W/ft (9.8 W/m - Static White, Static Color)	**22** - 2200K	**RGB30** - Red, Green, Blue + 3000K
4.4 - 4.4 W/ft (14.4 W/m - Static White, Static Color, RGB)	**24** - 2400K	**RGB40** - Red, Green, Blue + 4000K (5.5W only)
6.0 - 6.0 W/ft (19.6 W/m - Static White, Static Color, Variable White)	**27** - 2700K	**RGB60** - Red, Green, Blue + 6000K
7.4 - 7.4 W/ft (24.2 W/m - Addressable RGB)	**30** - 3000K	**RGBA** - Red, Green, Blue + Amber
8.8 - 8.8 W/ft (28.8 W/m - Static White, Static Color, RGB, RGBW/RGBA)	**35** - 3500K	**RGBW30** - RGB + 3000K Addressable
10.0 - 10.0 W/ft (32.8 W/m - Static White, Static Color)	**40** - 4000K	**RGBW60** - RGB + 6000K Addressable
10.4 - 10.4 W/ft (34.2 W/m - Warm Dim)	**60** - 6000K	**2920** - Warm Dim 2900K - 2000K (IP20)
10.8 - 10.8 W/ft (35.4 W/m - Addressable RGBW)	**R** - Red	**2721** - Warm Dim 2700K - 2100K (IP65+IP68)
11.0 - 11.0 W/ft (36.0 W/m - RGBW/RGBA)	**A** - Amber	**Z** - Undecided**
12.0 - 12.0 W/ft (39.4 W/m - Static White, Static Color, Variable White)	**G** - Green	** For quotes only. Must be chosen before final order.
	B - Blue	

CONNECTION OPTIONS (See diagrams on the right)

Custom Length (ft.)

1 - End Feed Bare Wire Connection

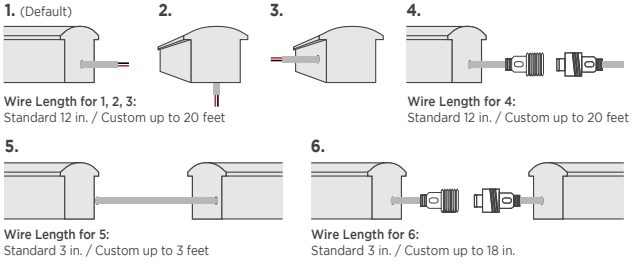
2 - Back Feed Bare Wire Connection

3 - Side Feed Bare Wire Connection

4 - End Feed with IP67 Male Coupler

5 - Soldered Daisy Chain

6 - Daisy Chain With IP67 Couplers



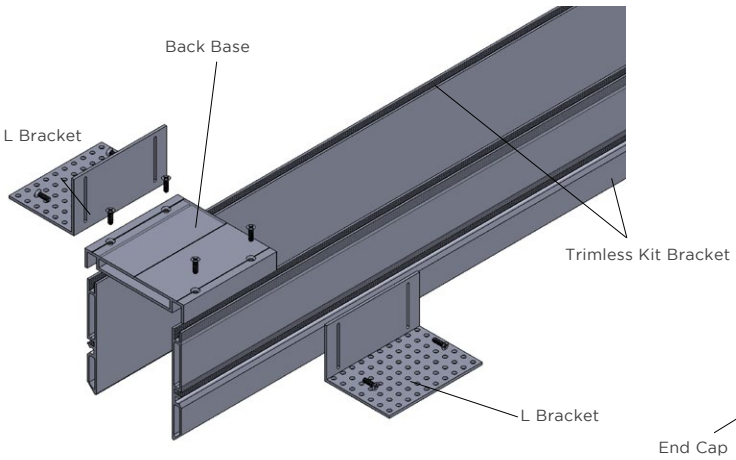
STEP 3 Complete Assembly Option & Length

ASSEMBLY OPTION	LENGTH (Standard factory assembled length up to 78 in. / 2 m)
FI - Field Assembly	
FA - Factory Assembly	

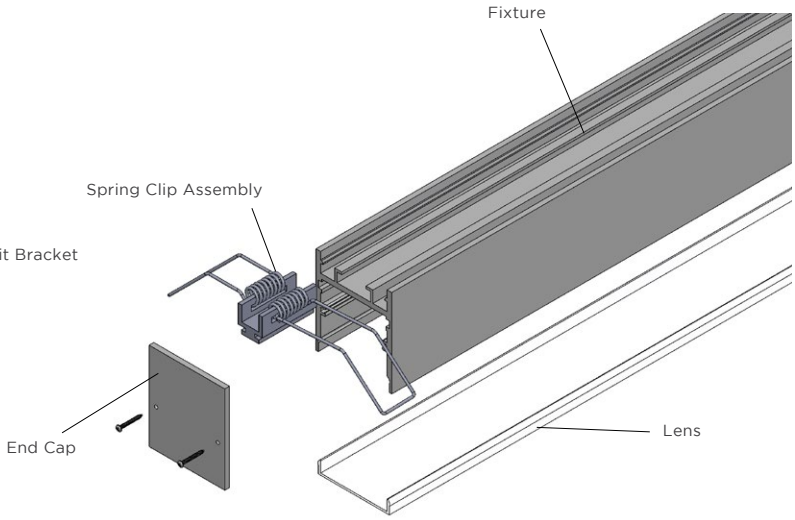
SPECIFICATIONS & PARTS

EXPLODED VIEW

RECESSED ASSEMBLY
(to be assembled first)

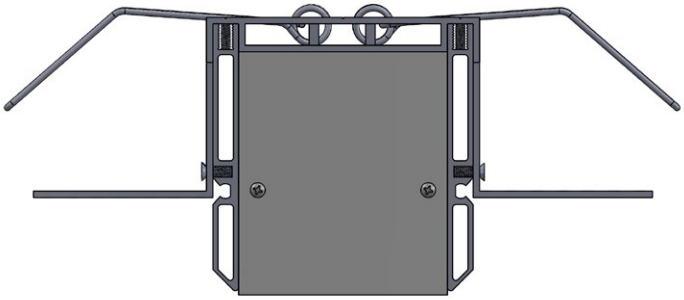


LIGHT ENGINE ASSEMBLY
(to be assembled 2nd and then be snapped into the Recessed Assembly)

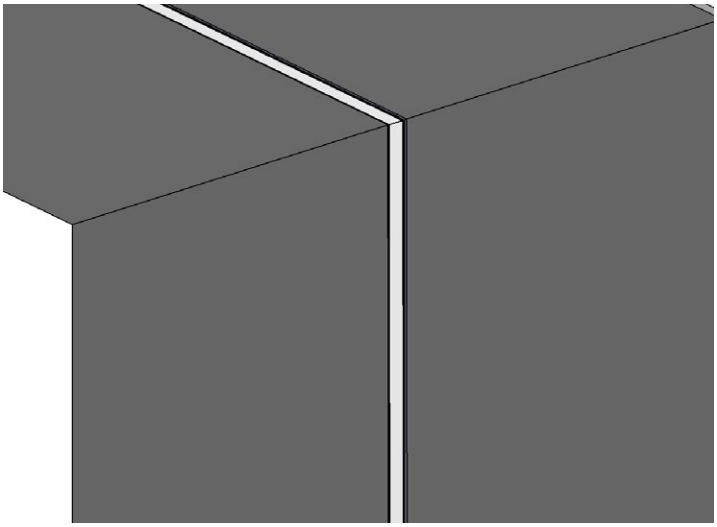


Note when installing this product: This product uses two rows of LED strips, so a 3W/ft fixture uses two rows of 1.5 W/ft LED strips. An 8.8 W/ft fixture uses two rows of 4.4 W/ft strips.

FINISHED FIXTURE END-VIEW



CEILING-TO-WALL OR WALL-TO-WALL CONNECTED RUN



Corner installations can be field cut and installed on-site by contractor.
See installation guide for details.

RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

Available Wattages	Cuttable Length	LED Pitch	Color Temp.	lm/W without Lens	Delivered Lumens with Milky Lens	Max Length	Compatible with Channel		
							IP20	IP65	IP68
1.5 Static White Series 2	1.97 in (50 mm)	96 LEDs/ft (320 LEDs/m)	1800K	84	88.2 lm/ft (289.2 lm/m)	IP20: 49 ft (15 m) IP65/IP68: 32.8 ft (10 m)	✓	✓	✓
			2000K	99	104 lm/ft (341.2 lm/m)				
			2200K	109	114.4 lm/ft (375.2 lm/m)				
			2400K	113	118.6 lm/ft (389 lm/m)				
			2700K	123	129.2 lm/ft (423.8 lm/m)				
			3000K	123	129.2 lm/ft (423.8 lm/m)				
			3500K	130	136.6 lm/ft (448 lm/m)				
			4000K	134	140.8 lm/ft (461.8 lm/m)				
			6000K	131	137.6 lm/ft (451.4 lm/m)				
3.0 Static White Series 2	1.97 in (50 mm)	96 LEDs/ft (320 LEDs/m)	1800K	84	176.4 lm/ft (578.6 lm/m)	IP20: 36 ft (11 m) IP65/IP68: 32.8 ft (10 m)	✓	✓	✓
			2000K	98	205.8 lm/ft (675 lm/m)				
			2200K	109	229 lm/ft (751.2 lm/m)				
			2400K	113	237.4 lm/ft (778.6 lm/m)				
			2700K	123	258.4 lm/ft (847.6 lm/m)				
			3000K	123	258.4 lm/ft (847.6 lm/m)				
			3500K	129	271 lm/ft (888.8 lm/m)				
			4000K	134	281.4 lm/ft (923 lm/m)				
			6000K	131	275.2 lm/ft (902.6 lm/m)				
4.4 Static White Series 2	1.97 in (50 mm)	96 LEDs/ft (320 LEDs/m)	1800K	83	255.6 lm/ft (838.4 lm/m)	28 ft 4 in. (8.64 m)	✓	✓	✓
			2000K	96	295.6 lm/ft (969.6 lm/m)				
			2200K	106	326.4 lm/ft (1070.6 lm/m)				
			2400K	111	341.8 lm/ft (1121.2 lm/m)				
			2700K	120	369.6 lm/ft (1212.2 lm/m)				
			3000K	122	375.8 lm/ft (1232.6 lm/m)				
			3500K	127	391.2 lm/ft (1283.2 lm/m)				
			4000K	133	409.6 lm/ft (1343.4 lm/m)				
			6000K	128	394.2 lm/ft (1293 lm/m)				
6.0 Static White Series 2	1.97 in (50 mm)	96 LEDs/ft (320 LEDs/m)	2400K	109.8	461.2 lm/ft (1513 lm/m)	28 ft (8.5 m)	✓	✓	✓
			2700K	122.9	516.2 lm/ft (1693.4 lm/m)				
			3000K	130	546 lm/ft (1790.6 lm/m)				
			3500K	133	558.6 lm/ft (1832.2 lm/m)				
			4000K	133	558.6 lm/ft (1832.2 lm/m)				
			6000K	127	533.2 lm/ft (1749 lm/m)				
8.8 Static White Series 2	1.97 in (50 mm)	96 LEDs/ft (320 LEDs/m)	2400K	109	771.4 lm/ft (2202.4 lm/m)	28 ft (8.5 m)	✓	✓	✓
			2700K	122	751.6 lm/ft (2465 lm/m)				
			3000K	129	794.6 lm/ft (2606.4 lm/m)				
			3500K	132	813.2 lm/ft (2667 lm/m)				
			4000K	132	813.2 lm/ft (2667 lm/m)				
			6000K	126	776.2 lm/ft (2545.8 lm/m)				
10.0 Static White Series 2	1.4 in (35.7 mm)	136 LEDs/ft (448 LEDs/m)	2400K	109.8	768.8 lm/ft (2521.6 lm/m)	28 ft (8.5 m)	✓	✓	✓
			2700K	122.9	860.4 lm/ft (2822.4 lm/m)				
			3000K	130	909.8 lm/ft (2984.2 lm/m)				
			3500K	133	931 lm/ft (3053.6 lm/m)				
			4000K	133	931 lm/ft (3053.6 lm/m)				
			6000K	127	888.6 lm/ft (2914.8 lm/m)				

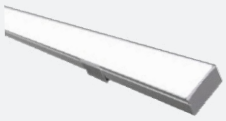
RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

Available Wattages	Cuttable Length	LED Pitch	Color Temp.	lm/W without Lens	Delivered Lumens with Milky Lens	Max Length	Compatible with Channel		
							IP20	IP65	IP68
12.0 Static White Series 2	1.4 in (35.7 mm)	136 LEDs/ft (448 LEDs/m)	2400K	109	915.6 lm/ft (3003.2 lm/m)	28 ft (8.5 m)	✓	✓	✓
			2700K	122	1024.8 lm/ft (3361.4 lm/m)				
			3000K	129	1083.6 lm/ft (3554.2 lm/m)				
			3500K	132	1108.8 lm/ft (3636.8 lm/m)				
			4000K	132	1108.8 lm/ft (3636.8 lm/m)				
			6000K	126	1058.4 lm/ft (3471.6 lm/m)				
1.5 Static Color Series 2	1.97 in (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	41	44 lm/ft (141.2 lm/m)	IP20: 49 ft (15 m) IP65/ IP68: 32.8 ft (10 m)	✓	✓	✓
			Green	175	184 lm/ft (602.8 lm/m)				
			Amber	19	20 lm/ft (65.4 lm/m)				
			Blue	34	36 lm/ft (117.2 lm/m)				
3.0 Static Color Series 2	1.97 in (50 mm)	96 LEDs/ft (320 LEDs/m)	Red	42	88 lm/ft (289.4 lm/m)	32.8 ft (10 m)	✓	✓	✓
			Green	160	336 lm/ft (1102.2 lm/m)				
			Blue	18	38 lm/ft (124 lm/m)				
			Amber	34	72 lm/ft (234.2 lm/m)				
4.4 Static Color Series 2	1.97 in (50 mm)	96 LEDs/ft (320 LEDs/m)	Red	42	130 lm/ft (424.4 lm/m)	29 ft (8.8 m)	✓	✓	✓
			Green	145	446 lm/ft (1464.8 lm/m)				
			Blue	18	56 lm/ft (181.8 lm/m)				
			Amber	33	102 lm/ft (333.4 lm/m)				
6.0 Static Color Series 2	1.97 in (50 mm)	96 LEDs/ft (320 LEDs/m)	Red	40	168 lm/ft (551.04 lm/m)	28 ft (8.5 m)	✓	✓	✓
			Green	127	533.4 lm/ft (1749.6 lm/m)				
			Blue	25	105 lm/ft (344.4 lm/m)				
			Amber	29	121.8 lm/ft (399.5 lm/m)				
8.8 Static Color Series 2	1.97 in (50 mm)	96 LEDs/ft (320 LEDs/m)	Red	38	234 lm/ft (767.8 lm/m)	29 ft (8.8 m)	✓	✓	✓
			Green	117	720.8 lm/ft (2364 lm/m)				
			Blue	24	147.8 lm/ft (485 lm/m)				
			Amber	25	154 lm/ft (505.12 lm/m)				
10.0 Static Color Series 2	1.4 in (35.7 mm)	136 LEDs/ft (448 LEDs/m)	Red	37	259 lm/ft (849.52 lm/m)	30 ft (9.14 m)	✓	✓	✓
			Green	116	812 lm/ft (2663.4 lm/m)				
			Blue	24	168 lm/ft (551.04 lm/m)				
			Amber	26	182 lm/ft (597 lm/m)				
12.0 Static Color Series 2	1.4 in (35.7 mm)	136 LEDs/ft (448 LEDs/m)	Red	37	310.8 lm/ft (1019.42 lm/m)	28 ft (8.5 m)	✓	✓	✓
			Green	113	949.2 lm/ft (3113.4 lm/m)				
			Blue	23	633.7 lm/ft (3554.2 lm/m)				
			Amber	24	661.25 lm/ft (3636.8 lm/m)				
2.0 Variable White Series 2	1.97 in (50 mm)	84 LEDs/ft (280 LEDs/m)	2000K + 6500K	85	120 lm/ft (400 lm/m)	32.8 ft (10 m)	✓	✓	✓
6.0 Variable White Series 2	1.97 in (50 mm)	84 LEDs/ft (280 LEDs/m)	2000K + 6500K	80	336 lm/ft (1102.4 lm/m)	32.8 ft (10 m)	✓	✓	✓
12.0 Variable White Series 2	1.97 in (50 mm)	84 LEDs/ft (280 LEDs/m)	2000K + 6500K	75	630 lm/ft (2067 lm/m)	32.8 ft (10 m)	✓	✓	✓

RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

Available Wattages	Cuttable Length	LED Pitch	Color Temp.	lm/W without Lens	Delivered Lumens with Milky Lens	Max Length	Compatible with Channel		
							IP20	IP65	IP68
4.4 RGB	6.55 in (166.4 mm)	18 LEDs/ft (60 LEDs/m)	**RGB**	37	114.8 lm/ft (376.6 lm/m) All LEDs at 100%	19 ft 7.9 in. (6 m)	✓	✓	✓
8.8 RGB	3.94 in (100 mm)	36 LEDs/ft (120 LEDs/m)	**RGB**	37	331 lm/ft (757.4 lm/m) All LEDs at 100%	19 ft 7.9 in. (6 m)	✓	✓	✓
8.8 RGBW	6.55 in (166.4 mm)	36 LEDs/ft (120 LEDs/m)	**RGBW**	65	401.8 lm/ft (1317.4 lm/m) All LEDs at 100%	19 ft 7.9 in. (6 m)	✓	✓	✓
8.8 RGBA	6.55 in (166.4 mm)	36 LEDs/ft (120 LEDs/m)	**RGBA**	33	401.8 lm/ft (1317.4 lm/m) All LEDs at 100%	19 ft 7.9 in. (6 m)	✓	✓	✓
11.0 4-in-1 RGBW	3.94 in (100 mm)	36 LEDs/ft (120 LEDs/m)	**RGBW**	51	390.6 lm/ft (1281 lm/m) All LEDs at 100%	19 ft 7.9 in. (6 m)	✓	✓	✓
11.0 4-in-1 RGBA	3.94 in (100 mm)	36 LEDs/ft (120 LEDs/m)	**RGBA**	27	390.6 lm/ft (1281 lm/m) All LEDs at 100%	19 ft 7.9 in. (6 m)	✓	✓	✓
7.4 RGB Addressable	3.94 in (100 mm)	36 LEDs/ft (120 LEDs/m)	**Red**	15	26 lm/ft (85 lm/m)	16 ft 5 in. (5 m)	N/A	N/A	✓ IP67
			Green	37	63.8 lm/ft (209.6 lm/m)				
			Blue	9	15.6 lm/ft (51 lm/m)				
			All	24	124.4 lm/ft (407.8 lm/m)				
10.8 RGBW Addressable	3.94 in (100 mm)	36 LEDs/ft (120 LEDs/m)	**Red**	15	28.4 lm/ft (93 lm/m)	16 ft 5 in. (5 m)	N/A	N/A	✓ IP67
			Green	38	71.8 lm/ft (235.6 lm/m)				
			Blue	8	15.2 lm/ft (49.6 lm/m)				
			White	38	71.8 lm/ft (335.6 lm/m)				
			All	31	234.4 lm/ft (768.8 lm/m)				
10.4 Warm Dim	3.94 in (100 mm)	72 LEDs/ft (240 LEDs/m)	**WARM DIM**	55	403.2 lm/ft (1323 lm/m)	16 ft 4 in. (5 m)	✓	✓	✓

DIODE VISIBILITY CHART (Data below applies to installations with Milky lens only)



No Visible Diode = N

With Visible Diode = Y

Static White & Static Color RibbonLyte			Color Changing RibbonLyte					
1.5/3.0/4.4	**6.0/8.8**	**10.0/12.0**	**4.4 RGB**	**8.8 RGB**	**8.8 RGBW/A**	**11.0 4-in-1 RGBW/A**	**Warm Dim**	**Variable White**
IP20 IP65 IP68	IP20 IP65 IP68	IP20 IP65 IP68	IP20 IP65 IP68	IP20 IP65 IP68	IP20 IP65 IP68	IP20 IP65 IP68	IP20 IP65 IP68	IP20 IP65 IP68
N	**N**	**N**	**Y**	**N**	**Y**	**N**	**N**	**N**

AVAILABLE DRIVERS

NON-DIMMING ELECTRONIC DRIVERS

30W, 60W, 96W
Non-Dimming Electronic
Class 2 Drivers

Part No.:
• DRVW2430 (30 Watt)
• DRVW2460 (60 Watt)
• DRVW2496 (96 Watt)

Output Voltage: 24 V
Voltage Range: 120-277 VAC
IP Rating: Dry or Damp
UL Listed

240W, 320W
Non-Dimming
Electronic Drivers

Part No.:
• DRVW24240 (240 Watt)
• DRVW24320 (320 Watt)

Output Voltage: 24 V
Voltage Range: 90-305 VAC
IP Rating: Dry or Damp
UL Recognized

LUTRON HI-LUME DRIVERS

40W
Lutron Hi-Lume 1% Dimming
Class 2 Drivers

Part No.:
• DRVLUT24403W (40 Watt, 3-wire)
• DRVLUT24402W (40 Watt, 2-wire)

Output Voltage: 24 V
Voltage Range: 120-277 VAC (3-wire model)
or 120V (2-wire model)
IP Rating: Dry or Damp
Dimmable using 2-wire forward phase,
3-wire+G or digital EcoSystem
UL Listed

ELV & MLV DRIVERS WITH COMPATIBLE DIMMERS

60W, 96W, 150W, 300W
ELV/MLV Dimmable Drivers

Part No.:
• DRVW2460ELVMLV (60 Watt)
• DRVW2496ELVMLV (96 Watt)
• DRVW24150ELVMLV (150 Watt)
• DRVW24300ELVMLV (300 Watt)

Line Voltage Dimmable Drivers
Output Voltage: 24 V
Voltage Range: 100-277 VAC
IP Rating: IP67
Dimmable
UL, CE, and CSA Listed

LUTRON Skylark Contour Dimmer

Part No.: TRIDIMSKY
Width: 2.94 in (75 mm)
Length: 4.69 in (120 mm)
Depth: 0.30 in (7.6 mm)

• Single pole and 3-way versions
• Compatible with Acolyte MLV drivers
• Slide adjusts brightness and On/Off control
• 30 mA max control current
• Available in white finish

LUTRON NOVA-T Dimmer

Part No.: TRIDIMNOVA
Width: 2.75 in (70 mm)
Length: 4.56 in (116 mm)
Depth: 0.30 in (7.6 mm)

• Slide adjusts brightness and On/Off control
• 30 mA max control current
• Available in white finish

LUTRON DIVA Dimmer

Part No.: TRIDIMDIVA
(With Locator Light) TRIDIMDIVAL
Width: 2.94 in (75 mm)
Length: 4.69 in (120 mm)
Depth: 0.30 in (7.6 mm)

• Large paddle switch with a captive linear-slide dimmer
• 30 mA max control current
• Available in white finish
• Available with locator light which glows green when the switch is off

Note: For more options, please reference the Optional Dimmer List on Acolyte product website page.

AVAILABLE DRIVERS / CONTROLLERS AND DIMMING OPTIONS / WIRE GAUGE CHART

0-10V DRIVERS AND DIMMERS

0-10V Dimmable Waterproof Drivers

96W Part No.: DRVW249610P
288W Part No.: DRVW2428810P
Output Voltage: 24 V (+/- 0.5V)
Voltage Range: 100-277 VAC
Environmental Rating: UL Wet Location
UL Listed

LUTRON DIVA Dimmer

Part No.: LVDIMDIVA
Width: 2.94 in (75 mm)
Length: 4.69 in (120 mm)
Depth: 0.30 in (7.6 mm)

- Compatible with 0-10 V Dimming Module
- Large paddle switch with a captive linear-slide dimmer
- 30 mA max control current
- Available in white finish

LUTRON NOVA-T Dimmer

Part No.: LVDIMNOVA
Width: 2.75 in (70 mm)
Length: 4.56 in (116 mm)
Depth: 0.30 in (7.6 mm)

- Compatible with 0-10 V Dimming Module
- Slide adjusts brightness and On/Off control
- 30 mA max control current
- Available in white finish

DIMMING MODULE

Variable White Dimming Module

Part No.: VWDIMMOD
- 1 dimming module required per 30 ft (9.1 m)
- This product is only compatible with Variable White RibbonLyte, not Variable White Amber or Variable White Red. Works with any 0-10V dimmers to provide CCT change with one dimmer and brightness change with the other.

Note: Max length before additional power is introduced

DMX CONTROLLER AND PART NUMBER - FOR COLOR CHANGING VERSIONS

GLASS TOUCH WALL CONTROLLER
Part Number: AWCRGBWW
AWCVWW

1 ZONE WALL CONTROLLER
Part Number: DMXCTRLG

5 ZONE WALL CONTROLLER
Part Number: DMXCTRL

10 ZONE WALL CONTROLLER
Part Number: DMXCTRLD

4 CHANNEL WATERPROOF DMX INTERFACE
Part Number: DMXINFWLCD4

5 CHANNEL DMX INTERFACE
Part Number: DMXINFLCD5

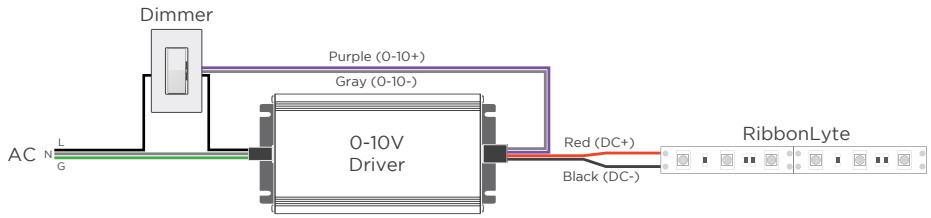
DMX OPTO SPLITTER
Part Number: DMXOS8

DRIVER AND RIBBONLYTE AT FULL LOAD

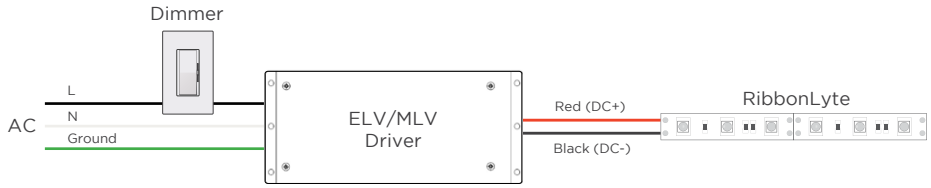
Wattages	30		60		96		150		200		240		300		320	
Wire Gauge	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters
24 AWG	14	4.27	9	2.74	5.5	1.68	3.75	1.14	2.75	0.84	2.25	0.69	1.75	0.53	1.75	0.53
22 AWG	22	6.71	14	4.27	9	2.74	5.75	1.75	4.5	1.37	3.5	1.07	2.75	0.84	2.75	0.84
20 AWG	35	10.67	23	7.01	14	4.27	9	2.74	7	2.13	5.75	1.75	4.5	1.37	4.25	1.30
18 AWG	56	17.07	37	11.28	23	7.01	15	4.57	11	3.35	9	2.74	7.5	2.29	7	2.13
16 AWG	90	27.44	60	18.29	37	11.28	24	7.32	18	5.49	15	4.57	12	3.66	11	3.35
14 AWG	142	43.29	95	28.96	59	17.99	38	11.59	28	8.54	23	7.01	19	5.79	17	5.18
12 AWG	226	68.90	151	46.04	94	28.66	60	18.29	45	13.72	37	11.28	30	9.15	28	8.54
10 AWG	360	109.76	240	73.17	150	45.73	96	29.27	72	21.95	60	18.29	48	14.63	45	13.72
8 AWG	574	175.00	381	116.16	239	72.87	153	46.65	115	35.06	95	28.96	76	23.17	71	21.65

WIRING DIAGRAMS

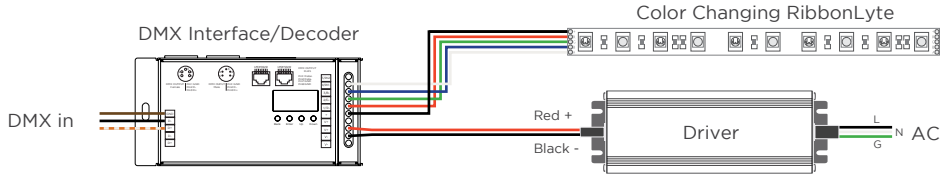
0-10V



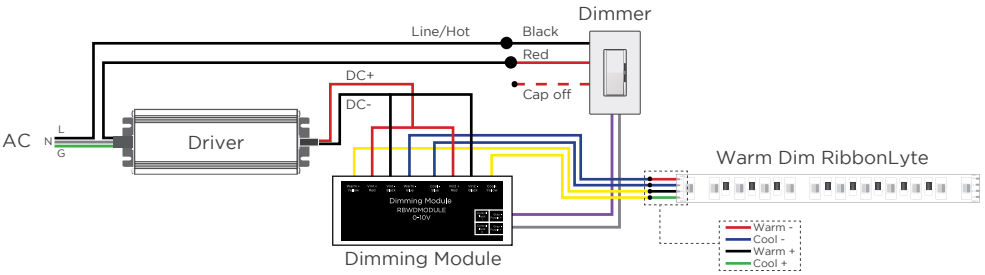
MLV / ELV



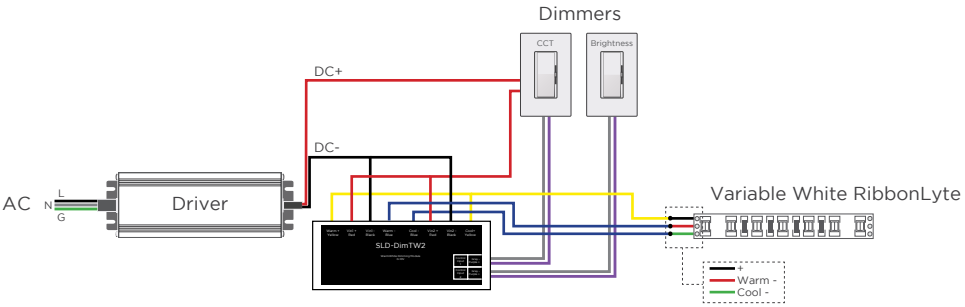
DMX



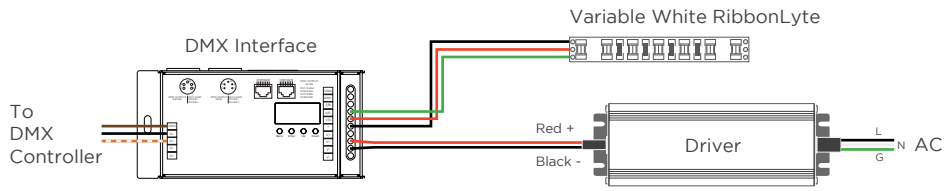
WARM DIM



2-CHANNEL VARIABLE WHITE DIMMING



DMX WIRING DIAGRAM - COMPATIBLE WITH ALL MODELS OF VARIABLE WHITE RIBBONLYTE



WIRE COLORS PER RIBBONLYTE COLOR

STATIC WHITE + STATIC COLOR
Red Wire (+) Positive
Black Wire (-) Negative

RGB
Black Wire (+) Positive
Red Wire (-) goes to Red Channel
Green Wire (-) goes to Green Channel
Blue Wire (-) goes to Blue Channel

RGBW/A
Black Wire (+) Positive
Red Wire (-) goes to Red Channel
Green Wire (-) goes to Green Channel
Blue Wire (-) goes to Blue Channel
White Wire (-) goes to White Channel

WARM DIM
Red Wire (-) goes to Warm White Channel
Blue Wire (-) goes to Cool White Channel
Black Wire (+) goes to Warm White Channel
Green Wire (+) goes to Cool White Channel

VARIABLE WHITE
Black Wire (+) Positive
Red Wire (-) goes to Warm White Channel
Green Wire (-) goes to Cool White Channel