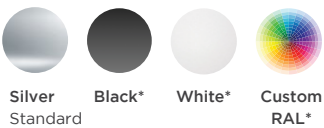


SIMPLY CLEAN™ CORNER FIXTURES: SC-CORNER2

This inside corner fixture, part of the Acolyte Simply Clean™ series, is designed to blend harmoniously with a room's existing attributes – no joist modification needed! These extrusions can be installed into new or existing drywall/gypsum walls and ceilings. For detailed installation instructions, please reference our Simply Clean™ SC-Corner2 Installation Guide.

- Available for field assembly or factory assembly
- Use with Static White, Static Color, RGB, RGBWA, Warm Dim or Variable White Series 2 RibbonLyte
- Assembled in USA

HOUSING FINISHES



*Additional fee applies

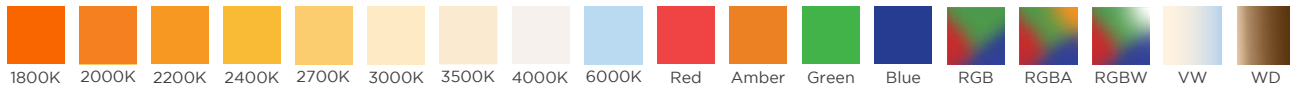
AVAILABLE LENS FINISHES



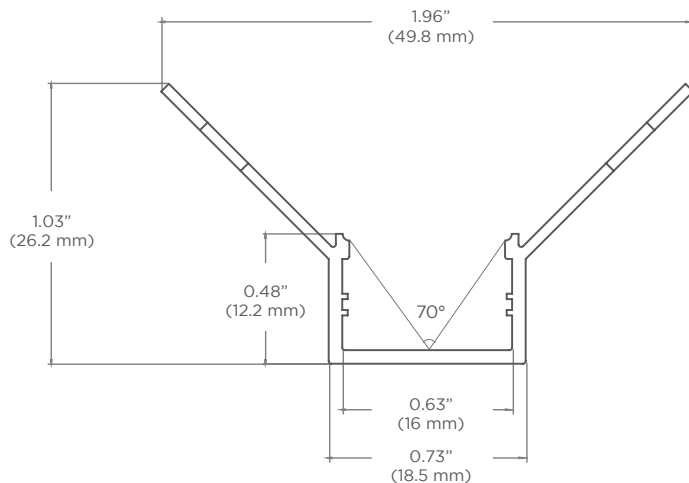
Milky Lens

70% Light Transmission

AVAILABLE COLORS & COLOR TEMPERATURES



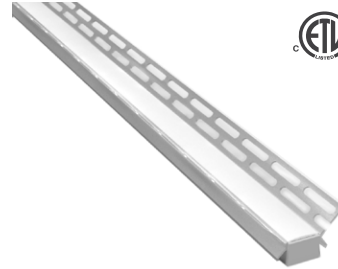
DIMENSIONS



Width: 1.96 in. (49.8 mm)
Height: 1.03 in. (26.2 mm)
Internal Width: 0.63 in. (16 mm)

Note: This channel does not require mounting clips. Please see our installation guide for instructions.

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.

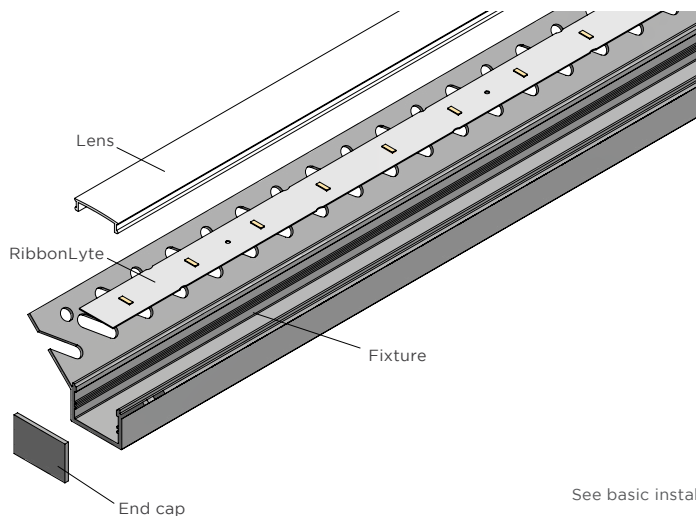


RoHS IP20

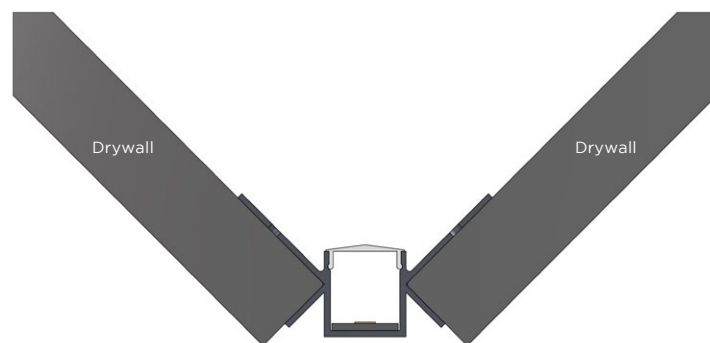
specifications

Beam Angle	70°
Lens Type	Milky Lens
Length	Channel is sold by the foot and cut to your exact desired length
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 Luminaires; 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	1.96 in (49.8 mm)
Height	1.03 in (26.2 mm)
Length	Sold by the foot - factory cuttable to any length
Internal Width	0.63 in (16 mm)

EXPLODED VIEW



END VIEW



See basic installation steps on page 6.

STEP 1 Complete Channel Part Number

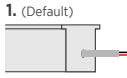
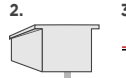
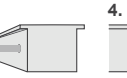
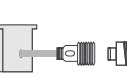
CHANNEL	LENS	HOUSING COLOR	
CHSCC2	M		
CHSCC2 - Simply Clean™ SC2 Recessed Corner Fixture	M - Milky Lens	SV - Silver (default) BK - Black	WH - White Consult factory for custom colors

STEP 2 Complete RibbonLyte Part Number

CATEGORY	CRI	RIBBON TYPE & IP RATING	
RB			
RB - RibbonLyte	0 - Static Color, Color Changing 90 - 90+ CRI Static White	SWS220 - Static White S2 IP20 SCS220 - Static Colors S2 IP20 VWS220 - VW Series 2 IP20	RGB20 - RGB IP20 RGBWA20 - RGBW/RGBA IP20 WD20 - Warm Dim IP20

WATTAGE	COLOR
0.75 - 0.75 W/ft (2.46 W/m - Static White, Static Color)	18 - 1800K 20 - 2000K 22 - 2200K 24 - 2400K 27 - 2700K 30 - 3000K 35 - 3500K 40 - 4000K 60 - 6000K R - Red A - Amber G - Green B - Blue
1.0 - 1.0 W/ft (3.3 W/m - Variable White)	VW - Variable White
1.5 - 1.5 W/ft (4.9 W/m - Static White, Static Color)	RGB - Red, Green, Blue
2.2 - 2.2 W/ft (7.2 W/m - Static White, Static Color, RGB)	RGB30 - Red, Green, Blue + 3000K
3.0 - 3.0 W/ft (9.8 W/m - Static White, Static Color, Variable White)	RGB40 - Red, Green, Blue + 4000K (5.5W only)
4.4 - 4.4 W/ft (14.4 W/m - Static White, Static Color, RGB, RGBW/RGBA)	RGB60 - Red, Green, Blue + 6000K
5.0 - 5.0 W/ft (16.4 W/m - Static White, Static Color)	RGBA - Red, Green, Blue + Amber
5.2 - 5.2 W/ft (17.1 W/m - Warm Dim)	2920 - Warm Dim 2900K - 2000K (IP20)
5.5 - 5.5 W/ft (18.0 W/m - RGBW/RGBA)	2721 - Warm Dim 2700K - 2100K (IP65+IP68)
6.0 - 6.0 W/ft (19.7 W/m - Static White, Static Color, Variable White)	Z - Undecided** ** For quotes only. Must be chosen before final order.

CONNECTION OPTIONS (See diagrams on the right)

CONNECTION OPTIONS		Custom Length (ft.)	1. (Default)	2.	3.	4.
1 - End Feed Bare Wire Connection	4 - End Feed with IP67 Male Coupler					
2 - Back Feed Bare Wire Connection	5 - Soldered Daisy Chain		Wire Length for 1, 2, 3: Standard 12 in. / Custom up to 20 feet		Wire Length for 4: Standard 12 in. / Custom up to 20 feet	
3 - Side Feed Bare Wire Connection	6 - Daisy Chain With IP67 Couplers				Wire Length for 5: Standard 3 in. / Custom up to 3 feet	
					Wire Length for 6: Standard 3 in. / Custom up to 18 in.	

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	



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
0.75 Static White Series 2	1.97 in (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	84	44.1 lm/ft (144.6 lm/m)	49 ft (15 m)	✓
			2000K	99	52 lm/ft (170.6 lm/m)		
			2200K	109	57.2 lm/ft (187.6 lm/m)		
			2400K	113	59.3 lm/ft (194.5 lm/m)		
			2700K	123	64.6 lm/ft (211.9 lm/m)		
			3000K	123	64.6 lm/ft (211.9 lm/m)		
			3500K	130	68.3 lm/ft (224 lm/m)		
			4000K	134	70.4 lm/ft (230.9 lm/m)		
			6000K	131	68.8 lm/ft (225.7 lm/m)		
1.5 Static White Series 2	1.97 in (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	84	88.2 lm/ft (289.3 lm/m)	49 ft (15 m)	✓
			2000K	98	102.9 lm/ft (337.5 lm/m)		
			2200K	109	114.5 lm/ft (375.6 lm/m)		
			2400K	113	118.7 lm/ft (389.3 lm/m)		
			2700K	123	129.2 lm/ft (423.8 lm/m)		
			3000K	123	129.2 lm/ft (423.8 lm/m)		
			3500K	129	135.5 lm/ft (444.4 lm/m)		
			4000K	134	140.7 lm/ft (461.5 lm/m)		
			6000K	131	137.6 lm/ft (451.3 lm/m)		
2.2 Static White Series 2	1.97 in (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	83	127.8 lm/ft (419.2 lm/m)	42 ft (12.8 m)	✓
			2000K	96	147.8 lm/ft (484.8 lm/m)		
			2200K	106	163.2 lm/ft (535.3 lm/m)		
			2400K	111	170.9 lm/ft (560.6 lm/m)		
			2700K	120	184.8 lm/ft (606.1 lm/m)		
			3000K	122	187.9 lm/ft (616.3 lm/m)		
			3500K	127	195.6 lm/ft (641.6 lm/m)		
			4000K	133	204.8 lm/ft (671.7 lm/m)		
			6000K	128	197.1 lm/ft (646.5 lm/m)		
3.0 Static White Series 2	1.97 in (50 mm)	48 LEDs/ft (160 LEDs/m)	2400K	109.8	230.6 lm/ft (756.5 lm/m)	36 ft (11 m)	✓
			2700K	122.9	258.1 lm/ft (846.7 lm/m)		
			3000K	130	273 lm/ft (895.3 lm/m)		
			3500K	133	279.3 lm/ft (916.1 lm/m)		
			4000K	133	279.3 lm/ft (916.1 lm/m)		
4.4 Static White Series 2	1.97 in (50 mm)	48 LEDs/ft (160 LEDs/m)	6000K	127	266.6 lm/ft (874.5 lm/m)	28 ft 4 in. (8.64 m)	✓
			2400K	109	335.7 lm/ft (1101.2 lm/m)		
			2700K	122	375.8 lm/ft (1232.5 lm/m)		
			3000K	129	397.3 lm/ft (1303.2 lm/m)		
			3500K	132	406.6 lm/ft (1333.5 lm/m)		
			4000K	132	406.6 lm/ft (1333.5 lm/m)		
5.0 Static White Series 2	1.4 in (35.7 mm)	68 LEDs/ft (224 LEDs/m)	6000K	126	388.1 lm/ft (1272.9 lm/m)	33 ft 4 in. (10.1 m)	✓
			2400K	109.8	384.4 lm/ft (1260.8 lm/m)		
			2700K	122.9	430.2 lm/ft (1411.2 lm/m)		
			3000K	130	454.9 lm/ft (1492.1 lm/m)		
			3500K	133	465.5 lm/ft (1526.8 lm/m)		
			4000K	133	465.5 lm/ft (1526.8 lm/m)		
			6000K	127	444.3 lm/ft (1457.4 lm/m)		

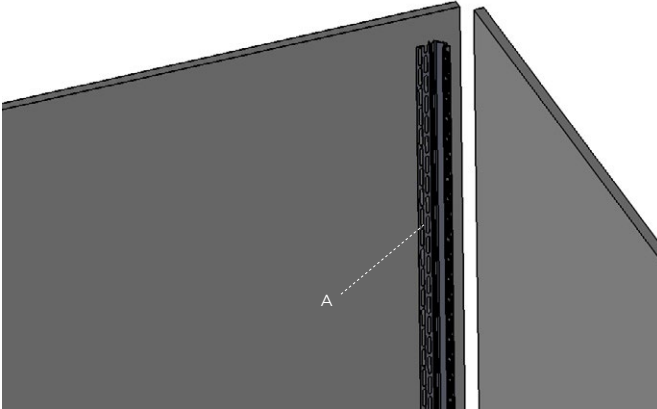


RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

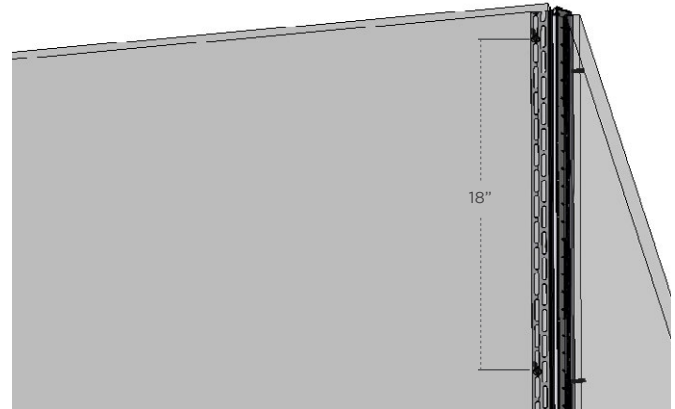
Available Wattages	Cuttable Length	LED Pitch	Color Temp.	lm/W Delivered	Delivered Lumens with Milky Lens	Max Length	Compatible with Channel IP20
6.0 Static White Series 2	1.4 in (35.7 mm)	68 LEDs/ft (224 LEDs/m)	2400K	109	457.8 lm/ft (1501.6 lm/m)	33 ft 4 in. (10.1 m)	✓
			2700K	122	512.4 lm/ft (1680.7 lm/m)		
			3000K	129	541.8 lm/ft (1777.1 lm/m)		
			3500K	132	554.4 lm/ft (1818.4 lm/m)		
			4000K	132	554.4 lm/ft (1818.4 lm/m)		
			6000K	126	529.2 lm/ft (1735.8 lm/m)		
0.75 Static Color Series 2	1.97 in (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	41	22 lm/ft (70.6 lm/m)	49 ft (15 m)	✓
			Green	175	92 lm/ft (301.4 lm/m)		
			Amber	19	10 lm/ft (32.7 lm/m)		
			Blue	34	18 lm/ft (58.6 lm/m)		
1.5 Static Color Series 2	1.97 in (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	42	44 lm/ft (144.7 lm/m)	49 ft (15 m)	✓
			Green	160	168 lm/ft (551.1 lm/m)		
			Amber	18	19 lm/ft (62 lm/m)		
			Blue	34	36 lm/ft (117.1 lm/m)		
2.2 Static Color Series 2	1.97 in (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	42	65 lm/ft (212.2 lm/m)	42 ft (12.8 m)	✓
			Green	145	223 lm/ft (732.4 lm/m)		
			Amber	18	28 lm/ft (90.9 lm/m)		
			Blue	33	51 lm/ft (166.7 lm/m)		
3.0 Static Color Series 2	1.97 in (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	40	84.0 lm/ft (275.52 lm/m)	32.8 ft (10 m)	✓
			Green	127	266.7 lm/ft (874.776 lm/m)		
			Amber	25	52.5 lm/ft (172.2 lm/m)		
			Blue	29	60.9 lm/ft (199.752 lm/m)		
4.4 Static Color Series 2	1.97 in (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	38	117.0 lm/ft (383.8912 lm/m)	29 ft (8.8 m)	✓
			Green	117	360.4 lm/ft (1181.981 lm/m)		
			Amber	24	73.9 lm/ft (242.4576 lm/m)		
			Blue	25	77.0 lm/ft (252.56 lm/m)		
5.0 Static Color Series 2	1.4 in (35.7 mm)	68 LEDs/ft (224 LEDs/m)	Red	37	129.5 lm/ft (424.76 lm/m)	30 ft (9.14 m)	✓
			Green	116	406.0 lm/ft (1331.68 lm/m)		
			Amber	24	84.0 lm/ft (275.52 lm/m)		
			Blue	26	91.0 lm/ft (298.48 lm/m)		
6.0 Static Color Series 2	1.4 in (35.7 mm)	68 LEDs/ft (224 LEDs/m)	Red	37	155.4 lm/ft (509.712 lm/m)	28 ft (8.5 m)	✓
			Green	113	474.6 lm/ft (1556.688 lm/m)		
			Amber	23	316.848 lm/ft (1777.1 lm/m)		
			Blue	24	330.624 lm/ft (1818.4 lm/m)		
1.0 Variable White Series 2	1.97 in (50 mm)	42 LEDs/ft (140 LEDs/m)	2000K + 6500K	85	60 lm/ft (200 lm/m)	32.8 ft (10 m)	✓
3.0 Variable White Series 2	1.97 in (50 mm)	42 LEDs/ft (140 LEDs/m)	2000K + 6500K	80	168.0 lm/ft (551.2 lm/m)	32.8 ft (10 m)	✓
6.0 Variable White Series 2	1.97 in (50 mm)	42 LEDs/ft (140 LEDs/m)	2000K + 6500K	75	315.0 lm/ft (1033.5 lm/m)	32.8 ft (10 m)	✓
2.2 RGB	6.55 in (166.4 mm)	9 LEDs/ft (30 LEDs/m)	RGB	26	57.4 lm/ft (188.3 lm/m) All LEDs at 100%	19 ft 7.9 in. (6 m)	✓
4.4 RGB	3.94 in (100 mm)	18 LEDs/ft (60 LEDs/m)	RGB	26	115.5 lm/ft (378.7 lm/m) All LEDs at 100%	19 ft 7.9 in. (6 m)	✓
5.5 4-in-1 RGBW	3.94 in (100 mm)	18 LEDs/ft (60 LEDs/m)	RGBW	36	195.3 lm/ft (640.5 lm/m) All LEDs at 100%	19 ft 7.9 in. (6 m)	✓
5.5 4-in-1 RGBA	3.94 in (100 mm)	18 LEDs/ft (60 LEDs/m)	RGBA	36	195.3 lm/ft (640.5 lm/m) All LEDs at 100%	19 ft 7.9 in. (6 m)	✓
5.2 Warm Dim	3.94 in (100 mm)	36 LEDs/ft (120 LEDs/m)	WARM DIM	39	201.6 lm/ft (661.5 lm/m)	16 ft 4 in. (5 m)	✓

BASIC INSTALLATION

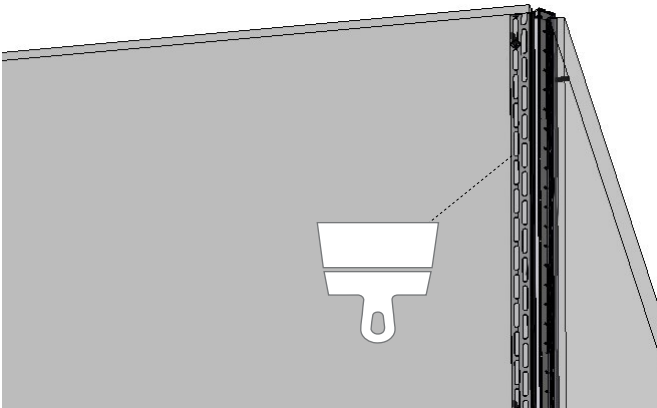
1. Measure and cut a recess of 0.84 inches in the drywall corner and place the Fixture (A) into the recess, making sure the flanges sit flush on both walls.



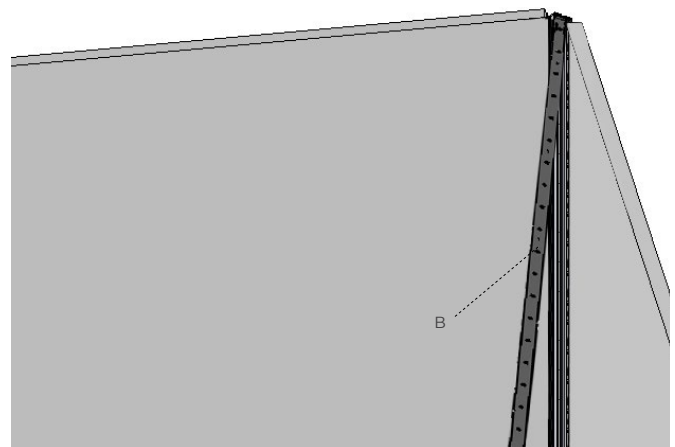
2. Fasten the Fixture (A) by inserting drywall screws** through the flanges on both sides approximately every 18".



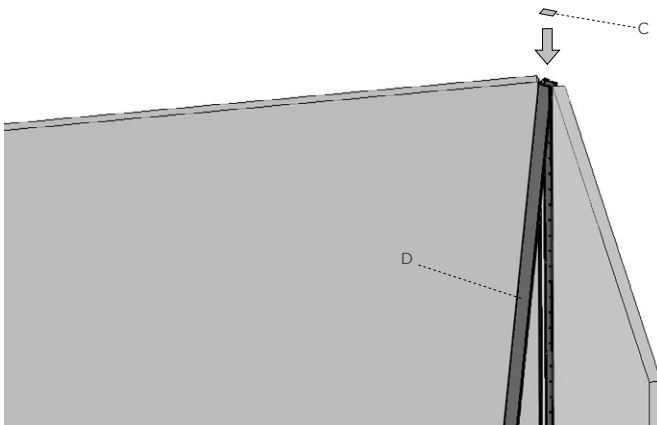
3. Plaster over the flanges and screws up to the lip in the fixture to create a seamless joint. Use plaster tape to preserve the lens and visible portion of the Fixture (A).



4. Insert the RibbonLyte (B) into the fixture.



5. Insert the Lens (D) by snapping it into place. Press fit the End Cap (C) to complete the assembly.



* See SC-Corner2 installation guide for full installation steps.
** Recommended screw size: 4-40/48 countersunk flathead.

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

DIMMING MODULE



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



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

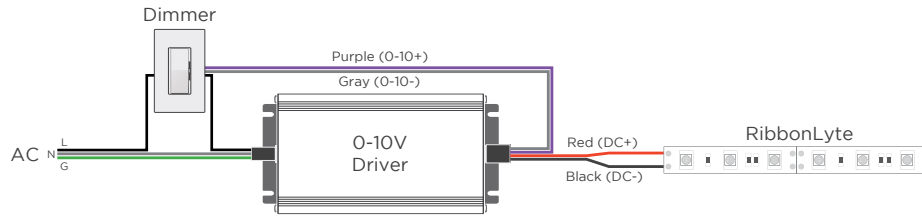
Part Number: DMXOS8

DRIVER AND RIBBONLYTE AT FULL LOAD

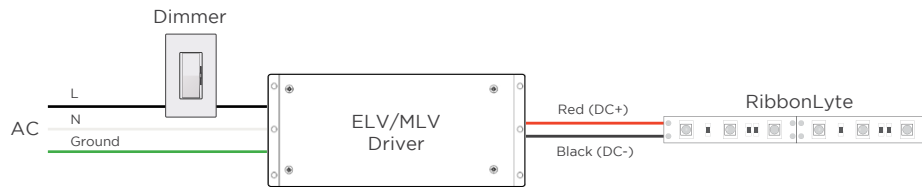
Wattages	30		60		96		150		200		240		300		320	
Wire Gauge	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters
24 AWG	14	4.27	9	2.74	5.5	1.68	3.75	1.14	2.75	0.84	2.25	0.69	1.75	0.53	1.75	0.53
22 AWG	22	6.71	14	4.27	9	2.74	5.75	1.75	4.5	1.37	3.5	1.07	2.75	0.84	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

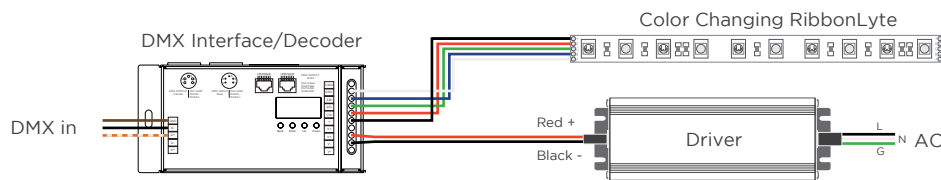
0-10V



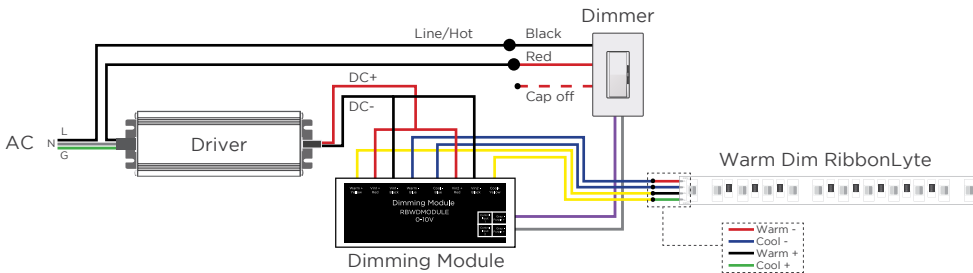
MLV / ELV



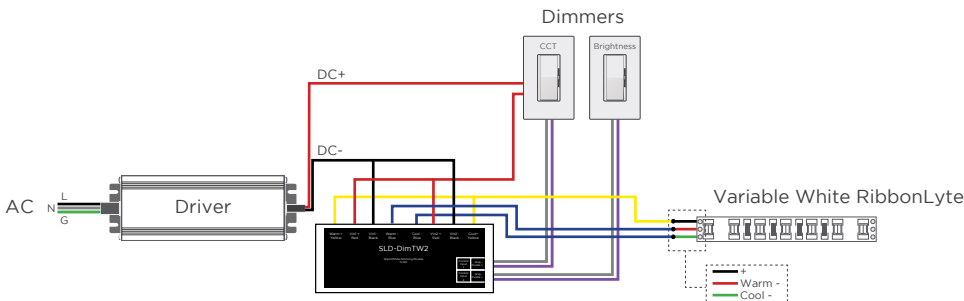
DMX



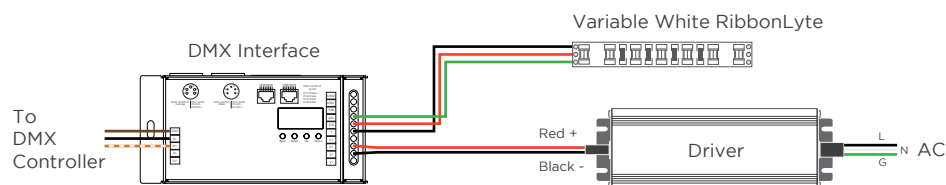
WARM DIM



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