

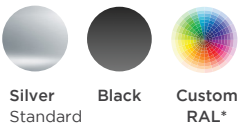
SIMPLY CLEAN™ RECESSED FIXTURE SC38C

SC38C channel is an aluminum fixture designed to create a curved cove for mud-in applications set above sheetrock. It features a hidden lens. Design custom mud-in fixtures with SC38C channel and our RibbonLyte products.

- Mud-in, corner cove fixture
- Sold by the foot. Factory or field cuttable to any length.
- Adds an element of style and design to existing spaces
- Beam angle for Milky lens (PC): 49x107°
- Clear, Frosted, Milky (PMMA) or Milky (PC) lens
- For interior applications only



HOUSING FINISHES



*Additional fee applies



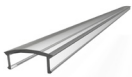
RoHS

Declare.

IP20



AVAILABLE LENS FINISHES



Clear Lens (PMMA)
92% Light Transmission



Frosted Lens (PMMA)
82% Light Transmission



Milky Lens (PMMA)
51% Light Transmission



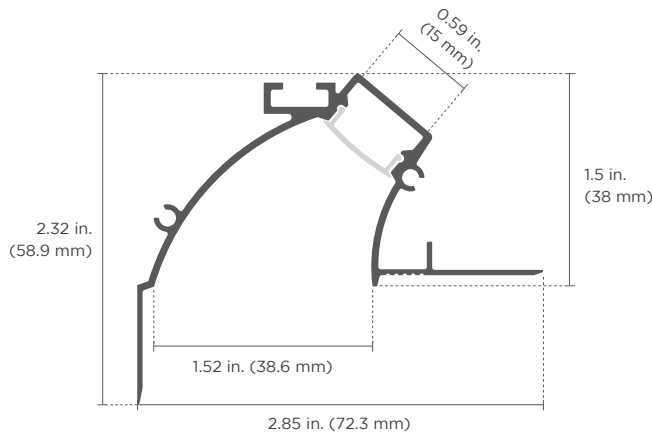
Milky Lens (PC)
78% Light Transmission

AVAILABLE COLORS & COLOR TEMPERATURES



DIMENSIONS

SC38C Channel



Overall Width: 2.85 in. (72.3 mm)
Visible Width: 1.52 in. (38.6 mm)
Height: 2.32 in. (58.9 mm)
Internal Width: 0.59 in. (15 mm)

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

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SPECIFICATIONS

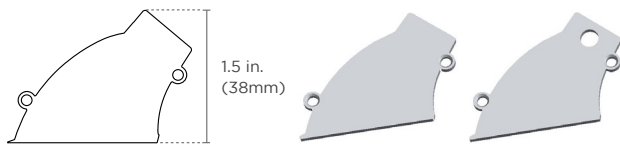
Beam Angle	Clear Lens: 37x112°, Frosted Lens: 41x85°, Milky Lens (PMMA): 52x104°, Milky Lens (PC): 49x107°
Lens Type	Clear Lens (PMMA), Frosted Lens (PMMA), Milky Lens (PMMA), Milky Lens (PC)
Length	Channel is sold by the foot and cut to your exact desired length
Operating Voltage	24 V
Dimming	MLV / 0-10 Volt / ELV / DALI / DMX / CASAMBI
Operating Temperature	-40 — 158 °F (-40 — 70 °C)
Colors	1800K, 2000K, 2200K, 2400K, 2700K, 3000K, 3500K, 4000K, 6000K, Red, Amber, Green, Blue, Pixel RGB, RGBA, RGBW, RGBWW, VW, Warm Dim (1800K, 2000K, 2200K, Pixel RGB only available in IP20)
CRI	90+ CRI (for Static White LEDs only)
Lamp Life	L70 at 50,000 hours
MacAdam ellipse (SDCM)	1-Step Binning (for Static White LEDs only)
Certifications	UL 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
Recessed Cutout Width	2.05 in. (52 mm)
Depth In Wall	1.38 in. (35 mm)
Length	Sold by the foot. Factory cuttable to any length. Max individual length of each piece is 78.7" (2m), but the fixture can be installed end-to-end to create long continuous recessed fixtures.
Visible Width	1.52 in. (38.6 mm)

ACCESSORIES

End Cap without Hole (Part #: CHSC38CECNH)

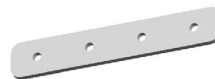
End Cap with Hole (Part #: CHSC38CRECH)

Material: ABS



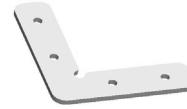
180° Connector (Part #: CHSC38C180)

Material: stainless steel



90° Connector (Part #: CHSC38C90)

Material: stainless steel



90° Vertical Connector (Part #: CHSC38C90V)

Material: stainless steel



STATIC WHITE SERIES 2 RIBBONLYTE SPECIFICATIONS, COMPATIBILITY & DELIVERED LUMEN OUTPUT

RibbonLyte Type	Wattage	CCT	Incremental Length	LED Pitch	Max. Length (IP20)	A Delivered Lumen at 3000K with Milky Lens (PC)		Compatibility with SC38 Channel				Diode Visibility Visible = Y Not Visible = N
						lm/ft	lm/m	IP20	IP65	IP68	IP69	
Static White Series 2	3.0 W/ft	3000K	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	36 ft (11 m)	199	654	✓	✓	✓	✓	N

Lumen Multiplier by CCT (Static White Series 2 RibbonLyte)

CCT (3.0 W/ft)	1800K	2000K	2200K	2400K	2700K	3000K	3500K	4000K	6000K
B Multiplier	0.67	0.79	0.85	0.91	0.97	1.00	1.03	1.00	1.08

Lumen Multiplier by Wattage (Static White Series 2 RibbonLyte)

Wattage	0.75 w/ft	1.5 w/ft	2.2 w/ft	3.0 w/ft	4.4 w/ft	5.0 w/ft	6.0 w/ft
C Multiplier	0.26	0.51	0.73	1.00	1.45	1.60	1.96

A x B x C = Lumen Output

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STEP 1 Complete Channel Part Number

CHANNEL	LENS	HOUSING COLOR
CHSC38C		
CHSC38C - Simply Clean™ SC38C Recessed Fixture	C - Clear Lens (PMMA) PMMAM - Milky Lens (PMMA) F - Frosted Lens (PMMA) PCM - Milky Lens (PC)	SV - Silver (default) BK - Black Consult factory for custom colors (additional fee applies)

STEP 2 Complete RibbonLyte Part Number

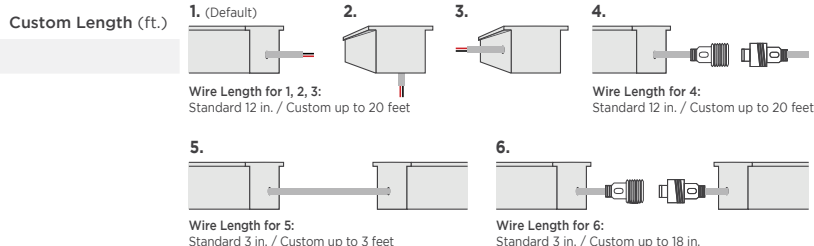
CATEGORY	CRI	RIBBON TYPE & IP RATING
RB		
RB - RibbonLyte	0 - Static Color, Color Changing 90 - 90+ CRI Static White	SWS220 - Static White Series 2 IP20 RGBWW20 - RGBWW 5-in-1 IP20 RGBADD - Pixel RGB IP20 SWS265 - Static White Series 2 IP65 RGBWS220 - RGBW Series 2 IP20 WD20 - Warm Dim IP20 SWS268 - Static White Series 2 IP68 RGBWS265 - RGBW Series 2 IP65 WD65 - Warm Dim IP65 SWS269 - Static White Series 2 IP69 RGBWS268 - RGBW Series 2 IP68 WD68 - Warm Dim IP68 SCS220 - Static Color Series 2 IP20 RGBWS269 - RGBW Series 2 IP69 WD69 - Warm Dim IP69 SCS265 - Static Color Series 2 IP65 VWS220 - VW Series 2 IP20 XACTA20 - Xacta RibbonLyte IP20 SCS268 - Static Color Series 2 IP68 VWS265 - VW Series 2 IP65 SCS269 - Static Color Series 2 IP69 VWS268 - VW Series 2 IP68 LINEA20 - Linea RibbonLyte IP20 VWS269 - VW Series 2 IP69

NOTE: To ensure waterproofing standards are met, IP65/IP68/IP69 RibbonLyte can NOT be cut in the field.

WATTAGE	COLOR
0.75 - 0.75 W/ft (2.46 W/m - Static White, Static Color) 1.0 - 1.0 W/ft (3.3 W/m - Variable White) 1.5 - 1.5 W/ft (4.9 W/m - Static White, Static Color) 2.2 - 2.2 W/ft (7.2 W/m - Static White, Static Color) 2.4 - 2.4 W/ft (8 W/m - Static White Linea) 3.0 - 3.0 W/ft (9.8 W/m - Static White, Static Color, Variable White) 4.3 - 4.3 W/ft (14 W/m - Static White Linea) 4.4 - 4.4 W/ft (14.4 W/m - Static White, Static Color, RGBW, RGBWW, RGBA) 5.2 - 5.2 W/ft (17.1 W/m - Warm Dim) 5.0 - 5.0 W/ft (16.4 W/m - Static White, Static Color) 5.5 - 5.5 W/ft (18.0 W/m - RGBW, RGBA) 6.0 - 6.0 W/ft (19.7 W/m - Static White, Static Color, Variable White) 6.1 - 6.1 W/ft (20 W/m - Variable White Linea, Pixel RGB) 8.8 - 8.8 W/ft (28.86 W/m - RGBW, RGBWW)	18 - 1800K VW - Variable White 2000K-6500K 20 - 2000K VW1833 - Variable White 1800K-3300K (IP20) 22 - 2200K RGB27 - Red, Green, Blue + 2700K 24 - 2400K RGB30 - Red, Green, Blue + 3000K 27 - 2700K RGB40 - Red, Green, Blue + 4000K 30 - 3000K RGB2465 - Red, Green, Blue + 2400K + 6500K 35 - 3500K RGBA - Red, Green, Blue + Amber 40 - 4000K RGBS - Pixel RGB (SPI) 60 - 6000K 2920 - Warm Dim 2900K-2000K (IP20) R - Red 1830 - Warm Dim 3000K-1800K (IP20) A - Amber 2721 - Warm Dim 2700K-2100K (IP65/IP68/IP69) G - Green Z - Undecided (For quotes only. Must be chosen before final order.) B - Blue

CONNECTION OPTIONS (See diagrams on the right)

- | | |
|------------------------------------|-------------------------------------|
| 1 - End Feed Bare Wire Connection | 4 - End Feed with IP67 Male Coupler |
| 2 - Back Feed Bare Wire Connection | 5 - Soldered Daisy Chain |
| 3 - Side Feed Bare Wire Connection | 6 - Daisy Chain With IP67 Couplers |



STEP 3 Add Accessories

ACCESSORIES
CHSC38C180 - 180° Connector
CHSC38C90 - 90° Connector
CHSC38C90V - 90° Vertical Connector

AVAILABLE DRIVERS / CONTROLLERS AND DIMMING OPTIONS / WIRE GAUGE CHART

0-10V/ELV/MLV 3-IN-1	ELV	0-10V VW/WD	COMPACT
			
60W, 96W, 288W 0-10V/ELV/MLV 3-in-1 Dimmable Drivers Part No.: • DRVW2460TRI010 (60 W) • DRVW2496TRI010 (96 W) • DRVW24288TRI010 (288 W) 24 VDC 120-277 VAC IP65, dry/damp/wet locations UL Listed	60W Dimmable Driver Part No.: • DRVW2460ELV 24 VDC 100-130 VAC Fits in single-gang switch boxes IP20, dry locations UL Recognized	0-10V Dimmable 90W VW/WD Driver Part No.: • DRVRFWDVW2490120 24 VDC 100-277 VAC IP23, dry/damp locations UL Listed	60W, 96W Non-Dimming Compact Drivers Part No.: • DRV2460C (60 W) • DRV2496C (96 W) 24 VDC 120-277 VAC IP20, dry locations UL Class P

ATHENA WIRELESS COMPATIBLE	CASAMBI COMPATIBLE DRIVERS	DIMMABLE DALI-2 DRIVERS	DIMMABLE DALI-2 DRIVERS
			
94W Athena Wireless Compatible Drivers Part No.: • DRVW2494ATH1CH (1 channel) • DRVW2494ATH2CH (2 channel) 24 VDC 100-277 VAC Dry locations UL Listed	100W & 200W Casambi Compatible 4 Channel Drivers Part No.: • DRVW24100CAS4CH (100 W) • DRVW24200CAS4CH (200 W) 24 VDC 100-277 VAC IP66, dry/damp/wet locations UL Listed, CE, RoHS, Bluetooth, CASAMBI	96W DIMMABLE DALI-2 DT6 D4I & DALI-2 DT8 D4I DRIVERS Part No.: • DRVW2496DALI1CH (1 channel) • DRVW2496DALI2CH (2 channel) 24-26 VDC 120-277 VAC IP67, dry/damp/wet locations UL Listed	75W, 150W, 240W DALI-2 Dimmable Drivers Part No.: • DRVW2475DALI1CH (75 W, 1 channel) • DRVW24150DALI1CH (150 W, 1 channel) • DRVW24240DALI1CH (240 W, 1 channel) • DRVW24150DALI2CH (150 W, 2 channels) • DRVW24150DALI4CH (150 W, 4 channels) 24 VDC 120-277 VAC IP67, damp/wet locations (1-channel drivers only) IP20, dry location (2-channel & 4-channel drivers only) CE, RoHS, SELV

DMX CONTROLLERS, VARIABLE WHITE DIMMER, WARM DIM DIMMER - FOR COLOR CHANGING FIXTURES

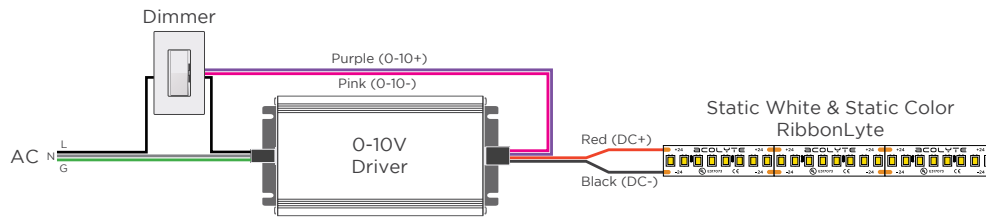
				
GLASS TOUCH WALL CONTROLLERS Part No.: • AWCRCBWWBK • AWCWVBK	1 ZONE WALL CONTROLLER Part No.: DMXCTRLG	5 ZONE WALL CONTROLLER Part No.: DMXCTRL	10 ZONE WALL CONTROLLER Part No.: DMXCTRLD	6 UNIVERSE DMX CONTROLLER Part No.: DMXCTRLDR6U
				
VARIABLE WHITE DIMMER Part No.: • RFDIMVWWH (White) • RFDIMVWBK (Black)	WARM DIM DIMMER Part No.: • RFDIMVDWH (White) • RFDIMVDBK (Black)	4 CHANNEL WATERPROOF DMX INTERFACE Part No.: DMXINFWLC4D	5 CHANNEL DMX DECODER Part No.: DMXINF5	DMX OPTO SPLITTER Part No.: DMXOS8

DRIVER AND RIBBONLYTE AT FULL LOAD

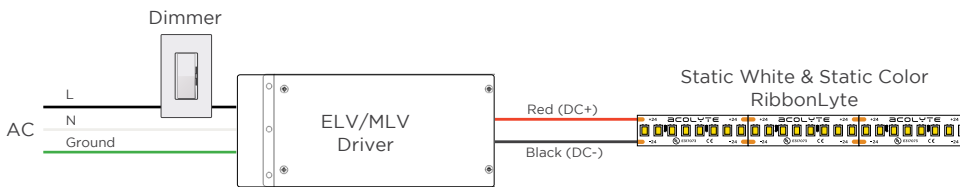
Wattages	30		60		96		150		200		240		300		320	
Wire Gauge	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters
24 AWG / 0.25 mm ²	14	4.27	9	2.74	5.5	1.68	3.75	1.14	2.75	0.84	2.25	0.69	1.75	0.53	1.75	0.53
22 AWG / 0.34 mm ²	22	6.71	14	4.27	9	2.74	5.75	1.75	4.5	1.37	3.5	1.07	2.75	0.84	2.75	0.84
20 AWG / 0.5 mm ²	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 / 0.75 mm ²	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 / 1.5 mm ²	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 / 2.5 mm ²	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 / 4 mm ²	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 / 6 mm ²	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 / 10 mm ²	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 - STATIC WHITE / STATIC COLOR / RGBW / RGBA / RGBWW

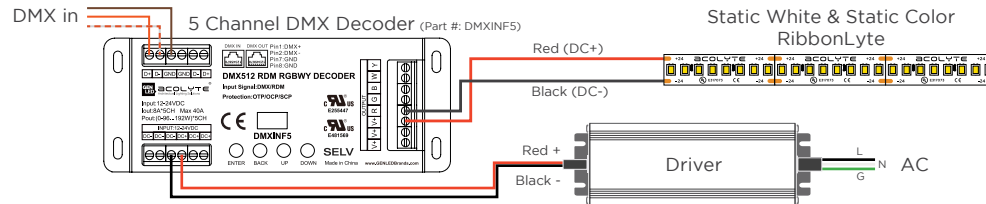
0-10 V



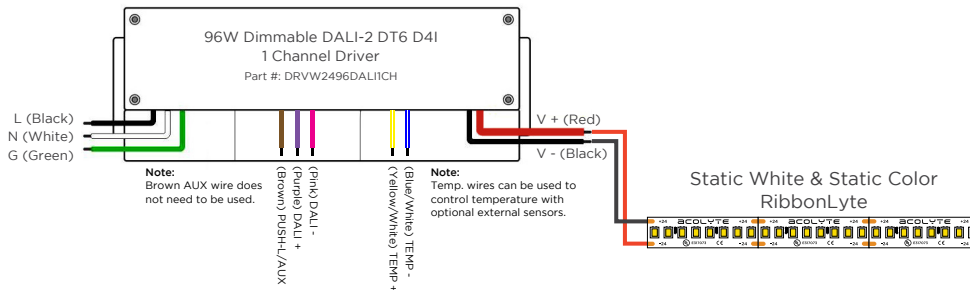
MLV / ELV



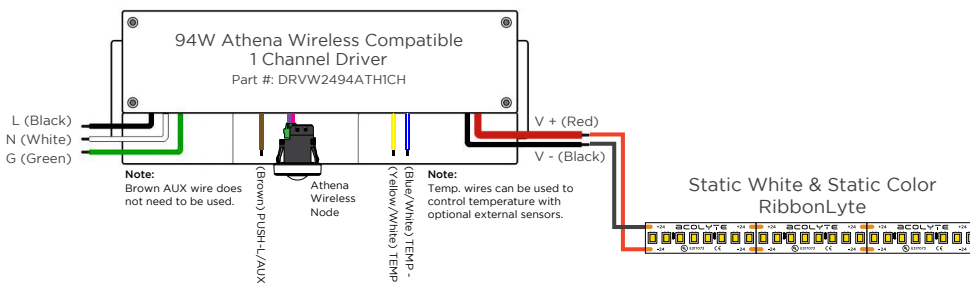
DMX WIRING WITH STATIC WHITE & STATIC COLOR RIBBONLYTE



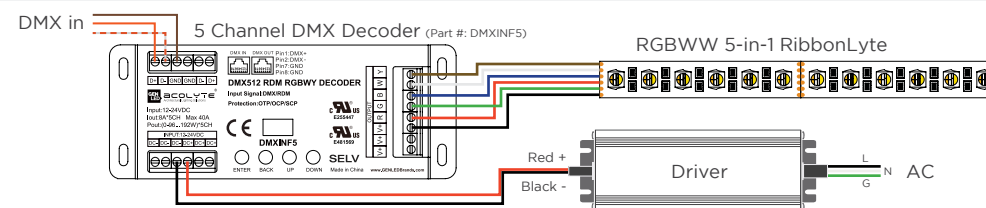
DALI-2 WIRING WITH STATIC WHITE & STATIC COLOR RIBBONLYTE



STATIC WHITE & STATIC COLOR RIBBONLYTE WIRING WITH ATHENA WIRELESS COMPATIBLE DRIVER



DMX WITH RGBWW 5-IN-1 RIBBONLYTE



WIRE COLORS PER RIBBONLYTE COLOR

STATIC WHITE + STATIC COLOR

Red Wire (+) Positive
Black Wire (-) Negative

RGBW + RGBA

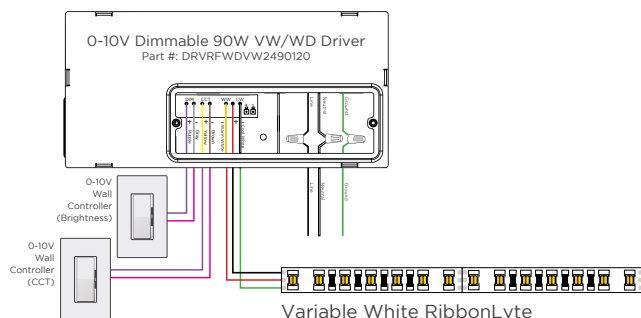
Black Wire (+) Positive
Green Wire (-) goes to Green Channel
Red Wire (-) goes to Red Channel
Blue Wire (-) goes to Blue Channel
White Wire (-) goes to White Channel

RGBWW

Black (+) Positive
Green Wire (-) goes to Green Channel
Red Wire (-) goes to Red Channel
Blue Wire (-) goes to Blue Channel
White Wire (-) goes to White Channel 1
Brown Wire (-) goes to White Channel 2

WIRING DIAGRAMS - VARIABLE WHITE

2-CHANNEL VARIABLE WHITE DIMMING

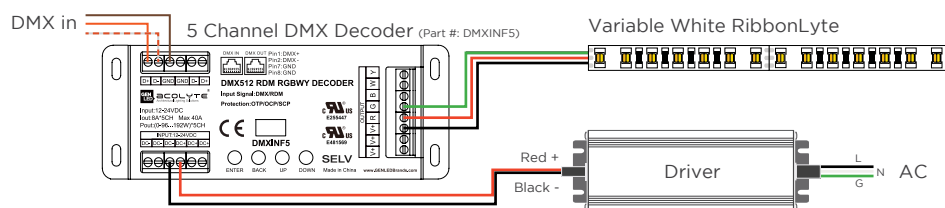


WIRE COLORS PER RIBBONLYTE COLOR

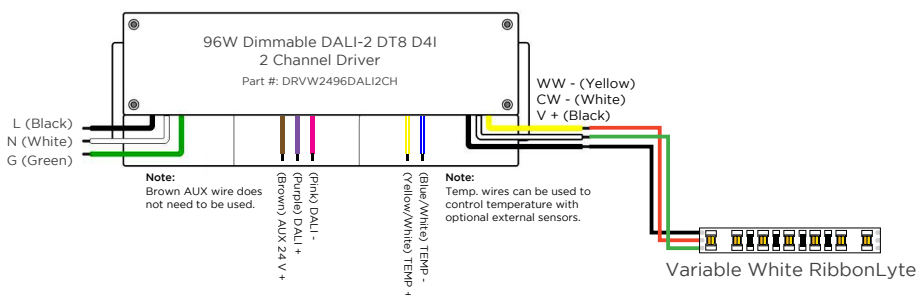
VARIABLE WHITE

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

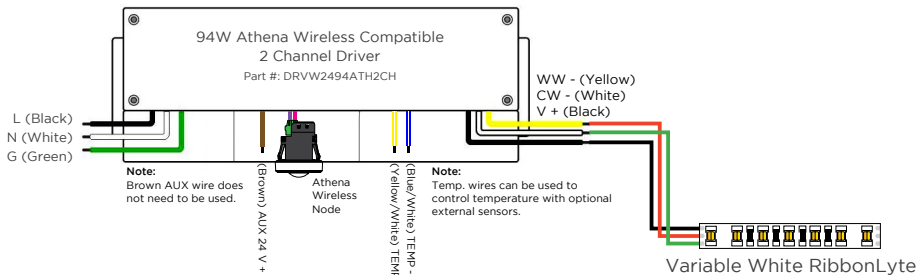
DMX WIRING WITH VARIABLE WHITE RIBBONLYTE



DALI-2 WIRING WITH VARIABLE WHITE RIBBONLYTE



VARIABLE WHITE RIBBONLYTE WIRING WITH ATHENA WIRELESS COMPATIBLE DRIVER



REV.16JUL2026

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