

SIMPLY CLEAN™ RECESSED FIXTURES SC5

Simply Clean™ SC5 channel lets you build custom recessed fixtures with our RibbonLyte products. Display stunning seamless continuous lines of light flush to new or existing drywall or gypsum walls and ceilings.

- 2.5 in. (63.4 mm) wide by 0.94 in. (24 mm) deep
- Beam angle: 110°
- Wattage Range from 0.75 W/ft (2.46 W/m) to 12 W/ft (39.4 W/m)
- Static White delivered lumen range from 44 lm/ft (145 lm/m) up to 1246 lm/ft (4087 lm/m)
- Milky or Black lens
- For interior applications only



HOUSING FINISH



Silver

LENS FINISHES



Milky Lens

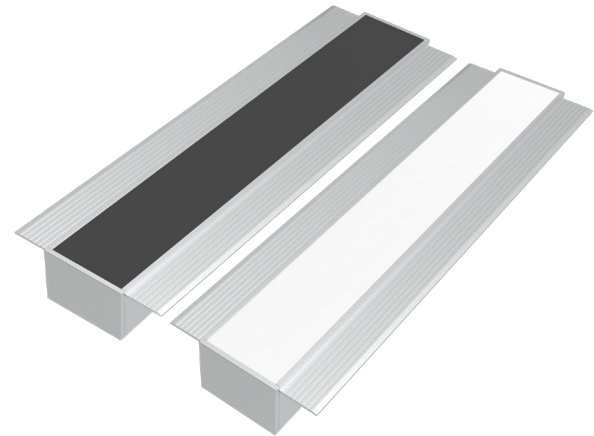
75% Light Transmission



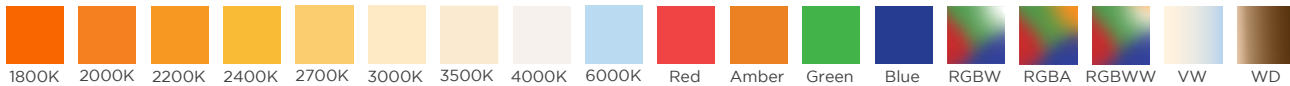
Black Lens**

70% Light Transmission

** Our black lens offers great diffusion and helps hide fixtures that aren't in use.

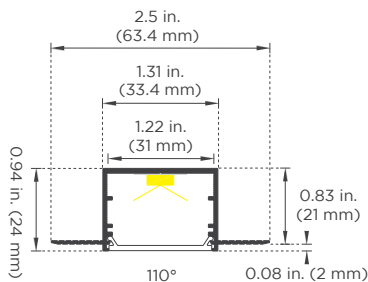


AVAILABLE COLORS & COLOR TEMPERATURES



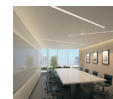
DIMENSIONS

SC5 Channel



Width: 2.5 in. (63.4 mm)
Height: 0.94 in. (24 mm)
Internal Width: 1.22 in. (31 mm)
Internal Height: 0.83 in. (21 mm)

MOUNTING OPTIONS:



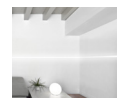
Ceiling Mount



Vertical Wall Mount



Horizontal Wall Mount



Cross-Wall Mount

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

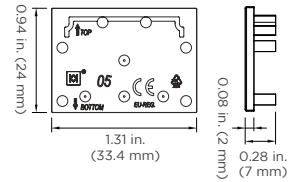
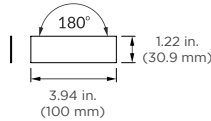
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SPECIFICATIONS

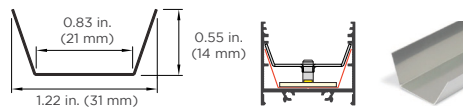
Beam Angle	110°
Lens Type	Milky Lens, Black Lens
Length	Channel is sold by the foot and cut to your exact desired length
Operating Voltage	24 V
Dimming	MLV / 0-10 Volt / ELV / DALI / DMX
Operating Temperature	-40 – 158 °F (-40 – 70 °C)
Colors	1800K, 2000K, 2200K, 2400K, 2700K, 3000K, 3500K, 4000K, 6000K, Red, Amber, Green, Blue, RGBA, RGBW, RGBWW, VW, 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 ellipse (SDCM)	2-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

ACCESSORIES (SEE PART NUMBERS AT STEP 4 ON PAGE 3)

180° Coupler	End Cap
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Reflector



STEP 1 Complete Channel Part Number

CHANNEL	LENS	HOUSING COLOR
CHSC5		SV
CHSC5 - SC5 Channel	M - Milky Lens BK - Black Lens	SV - Silver

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	LINEA20 - Linea RibbonLyte IP20 SWS220 - Static White Series 2 IP20 SWS265 - Static White Series 2 IP65 SWS268 - Static White Series 2 IP68 SWDR20 - Static White Double Row IP20 SCS220 - Static Color Series 2 IP20 SCS265 - Static Color Series 2 IP65 SCS268 - Static Color Series 2 IP68	RGBWW20 - RGBWW 5-in-1 IP20 RGBWS220 - RGBW Series 2 IP20 RGBWS265 - RGBW Series 2 IP65 RGBWS268 - RGBW Series 2 IP68 RGBWADD - Addressable RGBW IP67 RGBWADR20 - RGBW/A Double Row IP20 RGBWW20 - RGBWW 5-in-1 IP20 VWDR20 - Variable White Double Row IP20	VWS220 - VW Series 2 IP20 VWS265 - VW Series 2 IP65 VWS268 - VW Series 2 IP68 WD20 - Warm Dim IP20 WD65 - Warm Dim IP65 WD68 - Warm Dim IP68

NOTE: To ensure waterproofing standards are met, IP65, IP67, and IP68 RibbonLyte can NOT be cut in the field.

WATTAGE

- 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, RGBW, RGBA)
- 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)
- 5.0 - 5.0 W/ft (16.4 W/m - Static White, Static Color)
- 5.2 - 5.2 W/ft (17.1 W/m - Warm Dim)
- 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, RGBW, RGBA, RGBW Addressable)
- 6.1 - 6.1 W/ft (20 W/m - Variable White Linea)
- 8.8 - 8.8 W/ft (28.9 W/m - RGBW, RGBA, RGBWW)
- 12.0 - 12.0 W/ft (39.4 W/m - Static White, Variable White, RGBW, RGBA)

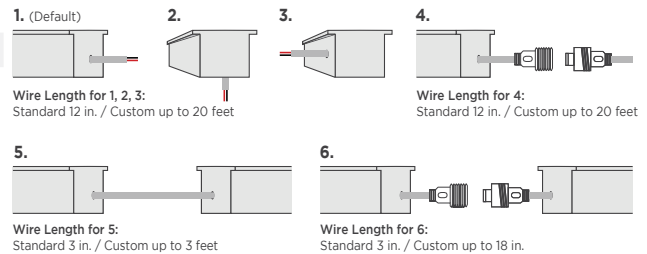
COLOR

- 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
 - VW - Variable White
 - RGB27 - Red, Green, Blue + 2700K
 - RGB30 - Red, Green, Blue + 3000K
 - RGB40 - Red, Green, Blue + 4000K
 - RGB2465 - Red, Green, Blue + 2400K + 6500K
 - RGBA - Red, Green, Blue + Amber
 - RGBW30 - RGB + 3000K Addressable
 - RGBW40 - RGB + 4000K Addressable
 - RGBW60 - RGB + 6000K Addressable
 - 2920 - Warm Dim 2900K - 2000K (IP20)
 - 2721 - Warm Dim 2700K - 2100K (IP65+IP68)
 - Z - Undecided**
- ** For quotes only. Must be chosen before final order.

CONNECTION OPTIONS (See diagrams on the right)

- 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

Custom Length (ft.)



STEP 3 Add Accessories

ACCESSORIES

- CHCOUP180SC5SV - 180° Coupler Silver
- CHREFLECTASAWSV - Reflector

RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

Available Wattage	Cutttable Length	LED Pitch	Color Temp.	lm/W without Lens	Delivered Lumens with Milky Lens (lm/ft / lm/m)	Delivered Lumens with Black Lens (lm/ft / lm/m)	Max Length	Compatible with Channel		
								IP20	IP65	IP68
0.75 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	84	47 / 155	44 / 145	IP20: 49 ft (15 m) IP65/IP68: 32.8 ft (10 m)	✓	✓	✓
			2000K	99	56 / 183	52 / 171				
			2200K	109	61 / 201	57 / 188				
			2400K	113	64 / 209	59 / 195				
			2700K	123	69 / 227	65 / 212				
			3000K	123	69 / 227	65 / 212				
			3500K	130	73 / 240	68 / 224				
			4000K	134	75 / 247	70 / 231				
			6000K	131	74 / 242	69 / 226				
1.5 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	84	95 / 310	88 / 289	IP20: 49 ft (15 m) IP65/IP68: 32.8 ft (10 m)	✓	✓	✓
			2000K	98	110 / 362	103 / 338				
			2200K	109	123 / 402	114 / 375				
			2400K	113	127 / 417	119 / 389				
			2700K	123	138 / 454	129 / 424				
			3000K	123	138 / 454	129 / 424				
			3500K	129	145 / 476	135 / 444				
			4000K	134	151 / 495	141 / 462				
			6000K	131	147 / 484	138 / 451				
2.2 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	83	137 / 449	128 / 419	IP20: 42 ft (12.8 m) IP65/IP68: 32.8 ft (10 m)	✓	✓	✓
			2000K	96	158 / 520	148 / 485				
			2200K	106	175 / 574	163 / 536				
			2400K	111	183 / 601	171 / 561				
			2700K	120	198 / 650	185 / 606				
			3000K	122	201 / 660	188 / 616				
			3500K	127	210 / 687	196 / 642				
			4000K	133	219 / 720	205 / 672				
			6000K	128	211 / 693	197 / 647				
3.0 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	84	189 / 620	176 / 579	IP20: 36 ft (11 m) IP65/IP68: 32.8 ft (10 m)	✓	✓	✓
			2000K	98	221 / 723	206 / 675				
			2200K	108	243 / 797	227 / 744				
			2400K	109.8	247 / 811	231 / 756				
			2700K	122.9	277 / 907	258 / 847				
			3000K	130	293 / 960	273 / 896				
			3500K	133	299 / 982	279 / 916				
			4000K	133	299 / 982	279 / 916				
			6000K	128	288 / 945	269 / 882				
4.4 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	81	267 / 877	249 / 818	28 ft 4 in. (8.64 m)	✓	✓	✓
			2000K	95	314 / 1029	293 / 960				
			2200K	105	347 / 1137	323 / 1061				
			2400K	109	360 / 1180	336 / 1101				
			2700K	122	403 / 1321	376 / 1233				
			3000K	129	426 / 1397	397 / 1304				
			3500K	132	436 / 1429	407 / 1334				
			4000K	132	436 / 1429	407 / 1334				
			6000K	126	416 / 1364	388 / 1273				
5.0 Static White Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	1800K	83	311 / 1021	291 / 953	IP20: 33 ft 4 in. (10.1 m) IP65/IP68: 32.8 ft (10 m)	✓	✓	✓
			2000K	98	368 / 1206	343 / 1125				
			2200K	107	401 / 1316	375 / 1229				
			2400K	110	412 / 1351	384 / 1261				
			2700K	123	461 / 1512	430 / 1411				
			3000K	130	488 / 1599	455 / 1493				
			3500K	133	499 / 1636	466 / 1527				
			4000K	133	499 / 1636	466 / 1527				
			6000K	127	476 / 1562	445 / 1458				
6.0 Static White Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	1800K	82	369 / 1211	344 / 1130	28 ft (8.5 m)	✓	✓	✓
			2000K	95	428 / 1403	399 / 1309				
			2200K	106	477 / 1565	445 / 1461				
			2400K	109	491 / 1609	458 / 1502				
			2700K	122	549 / 1801	512 / 1681				
			3000K	129	581 / 1905	542 / 1778				
			3500K	132	594 / 1949	554 / 1819				
			4000K	132	594 / 1949	554 / 1819				
			6000K	126	567 / 1860	529 / 1736				



RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

Available Wattages	Cuttable Length	LED Pitch	Color Temp.	lm/W without Lens	Delivered Lumens with Milky Lens (lm/ft / lm/m)	Delivered Lumens with Black Lens (lm/ft / lm/m)	Max Length	Compatible with Channel		
								IP20	IP65	IP68
3.0 Static White Double Row	0.7 in. (17.9 mm)	136 LEDs/ft (448 LEDs/m)	1800K	73	202 / 662	153 / 504	65 ft 7 in. (20 m)	✓	N/A	N/A
			2000K	86	238 / 781	181 / 595				
			2200K	94	260 / 853	198 / 649				
			2400K	97	267 / 877	203 / 667				
			2700K	109	301 / 989	229 / 752				
			3000K	118	326 / 1069	248 / 813				
			3500K	119	328 / 1077	250 / 819				
			4000K	118	326 / 1069	248 / 813				
6.0 Static White Double Row	0.7 in. (17.9 mm)	136 LEDs/ft (448 LEDs/m)	1800K	73	403 / 1324	307 / 1007	39 ft (12 m)	✓	N/A	N/A
			2000K	86	476 / 1563	362 / 1189				
			2200K	94	520 / 1707	396 / 1298				
			2400K	97	535 / 1754	407 / 1335				
			2700K	109	603 / 1978	459 / 1505				
			3000K	118	651 / 2137	496 / 1626				
			3500K	119	656 / 2153	499 / 1638				
			4000K	118	651 / 2137	496 / 1626				
12.0 Static White Double Row	0.7 in. (17.9 mm)	136 LEDs/ft (448 LEDs/m)	1800K	69	766 / 2513	583 / 1912	26 ft 3 in. (8 m)	✓	N/A	N/A
			2000K	82	904 / 2967	688 / 2257				
			2200K	89	987 / 3239	751 / 2465				
			2400K	92	1015 / 3330	772 / 2534				
			2700K	104	1144 / 3754	871 / 2856				
			3000K	112	1236 / 4057	941 / 3087				
			3500K	113	1246 / 4087	948 / 3110				
			4000K	112	1236 / 4057	941 / 3087				
0.75 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	41	23 / 76	22 / 71	IP20: 49 ft (15 m) IP65/IP68: 32.8 ft (10 m)	✓	✓	✓
			Green	175	98 / 323	92 / 301				
			Blue	19	11 / 35	10 / 33				
			Amber	34	19 / 63	18 / 59				
1.5 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	42	47 / 155	44 / 145	IP20: 49 ft (15 m) IP65/IP68: 32.8 ft (10 m)	✓	✓	✓
			Green	160	180 / 591	168 / 551				
			Blue	18	20 / 66	19 / 62				
			Amber	34	38 / 125	36 / 117				
2.2 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	42	69 / 227	65 / 212	IP20: 42 ft (12.8 m) IP65/IP68: 32.8 ft (10 m)	✓	✓	✓
			Green	145	239 / 785	223 / 733				
			Blue	18	30 / 97	28 / 91				
			Amber	34	56 / 184	52 / 172				
3.0 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	40	90 / 295	84 / 267	32.8 ft (10 m)	✓	✓	✓
			Green	127	286 / 937	267 / 875				
			Blue	25	56 / 185	53 / 172				
			Amber	29	65 / 214	61 / 200				
4.4 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	38	125 / 411	117 / 384	29 ft (8.8 m)	✓	✓	✓
			Green	117	386 / 1267	360 / 1182				
			Blue	24	79 / 260	74 / 243				
			Amber	25	83 / 271	77 / 253				
5.0 Static Color Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	Red	37	139 / 455	130 / 425	30 ft (9.14 m)	✓	✓	✓
			Green	116	435 / 1427	406 / 1332				
			Blue	24	90 / 295	84 / 276				
			Amber	26	98 / 320	91 / 299				

RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

Available Wattages	Cutttable Length	LED Pitch	Color Temp.	lm/W without Lens	Delivered Lumens with Milky Lens (lm/ft / lm/m)	Delivered Lumens with Black Lens (lm/ft / lm/m)	Max Length	Compatible with Channel		
								IP20	IP65	IP68
6.0 Static Color Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	Red	37	167 / 546	155 / 510	28 ft (8.5 m)	✓	✓	✓
			Green	113	509 / 1668	475 / 1557				
			Blue	23	104 / 340	97 / 317				
			Amber	24	108 / 354	101 / 331				
2.4 Static White Linea	1.97 in. (50 mm)	146 LEDs/ft (480 LEDs/m)	2700K	67	120.8 / 396	112.7 / 369.6	21.3 ft (6.5 m)	✓	N/A	N/A
			3000K	71	127.5 / 419.3	119 / 391.3				
			3500K	83	149.3 / 490.5	139.3 / 457.8				
			4000K	83	149.3 / 490.5	139.3 / 457.8				
3.0 Static White Linea	1.97 in. (50 mm)	146 LEDs/ft (480 LEDs/m)	2700K	66	148.5 / 487.5	138.6 / 455	21.3 ft (6.5 m)	✓	N/A	N/A
			3000K	73	164.3 / 539.3	153.3 / 503.3				
			3500K	78	175.5 / 576	163.8 / 537.6				
			4000K	83	186.8 / 612.8	174.3 / 571.9				
4.3 Static White Linea	1.97 in. (50 mm)	146 LEDs/ft (480 LEDs/m)	2700K	75	242.3 / 793.5	226.1 / 740.6	24.6 ft (7.5 m)	✓	N/A	N/A
			3000K	78	251.3 / 825	234.5 / 770				
			3500K	86	277.5 / 910.5	259 / 849.8				
			4000K	86	277.5 / 910.5	259 / 849.8				
6.1 Variable White Linea	1.09 in. (27.78 mm)	175 LEDs/ft (576 LEDs/m)	2700K + 6500K	95	435 / 427.3	406 / 332.1	16.4 ft (5 m)	✓	N/A	N/A
1.0 Variable White Series 2	1.97 in. (50 mm)	42 LEDs/ft (140 LEDs/m)	2000K + 6500K	85	64 / 209	60 / 195	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	180 / 591	168 / 551	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	338 / 1107	315 / 1033	19 ft 8 in. (6 m)	✓	✓	✓
3.0 Variable White Double Row	1.97 in. (50 mm)	84 LEDs/ft (280 LEDs/m)	2000K + 6500K	87	240 / 788	183 / 599	65 ft 7 in. (20 m)	✓	N/A	N/A
6.0 Variable White Double Row	1.97 in. (50 mm)	84 LEDs/ft (280 LEDs/m)	2000K + 6500K	82	453 / 1485	344 / 1130	45 ft 11 in. (14 m)	✓	N/A	N/A
12.0 Variable White Double Row	1.97 in. (50 mm)	84 LEDs/ft (280 LEDs/m)	2000K + 6500K	71	784 / 2572	596 / 1957	22 ft 11 in. (7 m)	✓	N/A	N/A
4.4 RGBW Series 2	1.97 in. (50 mm)	36 LEDs/ft (120 LEDs/m)	RGBW	45	148.5 / 487.2	138.6 / 454.7	19 ft 8 in. (6 m)	✓	N/A	N/A
5.5 RGBW Series 2	1.97 in. (50 mm)	36 LEDs/ft (120 LEDs/m)	RGBW	59	243.3 / 798.5	227.2 / 745.3	IP65: 16 ft 4 in. (5 m) IP68: 19 ft 7.9 in. (6 m)	N/A	✓	✓
8.8 RGBW Series 2	1.97 in. (50 mm)	36 LEDs/ft (120 LEDs/m)	RGBW	61	402.6 / 1320.9	375.8 / 1232.9	16 ft 4 in. (5 m)	✓	N/A	N/A

RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

Available Wattages	Cuttable Length	LED Pitch	Color Temp.	lm/W without Lens	Delivered Lumens with Milky Lens (lm/ft / lm/m)	Delivered Lumens with Black Lens (lm/ft / lm/m)	Max Length	Compatible with Channel		
								IP20	IP65	IP68
3.0 RGBW Double Row	1.3 in. (33 mm)	72 LEDs/ft (240 LEDs/m)	RGBW	91	251 / 824	191 / 627	26 ft 3 in. (8 m)	✓	N/A	N/A
3.0 RGBA Double Row	1.3 in. (33 mm)	72 LEDs/ft (240 LEDs/m)	RGBA	78	251 / 824	191 / 627	26 ft 3 in. (8 m)	✓	N/A	N/A
6.0 RGBW Double Row	1.3 in. (33 mm)	72 LEDs/ft (240 LEDs/m)	RGBW	91	502 / 1648	382 / 1254	22 ft 11 in. (7 m)	✓	N/A	N/A
6.0 RGBA Double Row	1.3 in. (33 mm)	72 LEDs/ft (240 LEDs/m)	RGBA	80	502 / 1648	382 / 1254	22 ft 11 in. (7 m)	✓	N/A	N/A
12.0 RGBW Double Row	1.3 in. (33 mm)	72 LEDs/ft (240 LEDs/m)	RGBW	79	872 / 2862	664 / 2177	14 ft 9 in. (4.5 m)	✓	N/A	N/A
12.0 RGBA Double Row	1.3 in. (33 mm)	72 LEDs/ft (240 LEDs/m)	RGBA	75	872 / 2862	664 / 2177	14 ft 9 in. (4.5 m)	✓	N/A	N/A
4.4 5-in-1 RGBA	2.46 in. (62.5 mm)	29 LED/ft (96 LED/m)	RGBWW	59	194.7 / 638.8	181.7 / 596.2	16 ft 4 in (5 m)	✓	N/A	N/A
8.8 5-in-1 RGBA	2.46 in. (62.5 mm)	29 LED/ft (96 LED/m)	RGBWW	50	330.0 / 1082.7	308.0 / 1010.5	11 ft 6 in (3.5 m)	✓	N/A	N/A
RGBW Addressable	3.94 in. (100 mm)	18 LEDs/ft (60 LEDs/m)	Red	33.5	23.5 / 77	23.5 / 77	16 ft 5.64 in. (5.02 m)	N/A	N/A	✓ IP67
			Green	82	57.4 / 188.3	57.4 / 188.3				
			Blue	15.5	10.8 / 35.6	10.8 / 35.6				
			White	103	72.1 / 236.6	72.1 / 236.6				
			All	40	169.5 / 556.1	169.5 / 556.1				
5.2 Warm Dim	3.94 in. (100 mm)	36 LEDs/ft (120 LEDs/m)	Warm Dim	55	215 / 704	200.2 / 657	16 ft 4 in. (5 m)	✓	✓	✓

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

<p>No Visible Diode = N Note: Linea RibbonLyte has no visible diode</p>				<p>With Visible Diode = Y</p>								
Static White & Static Color RibbonLyte			Static White	Color Changing RibbonLyte								
0.75/1.5/2.2	3.0/4.4	5.0/6.0	3.0/6.0/12.0 Double Row	4.4 RGBW Series 2	5.5 RGBW Series 2	8.8 RGBW Series 2	3.0/6.0/12.0 RGBW/A Double Row	4.4/8.8 5-in-1 RGBWW	Warm Dim	Variable White Series 2	3.0/6.0/12.0 Variable White Double Row	RGBW Addressable
IP20 IP65 IP68	IP20 IP65 IP68	IP20 IP65 IP68	IP20	IP20	IP65 IP68	IP20	IP20	IP20	IP20	IP20 IP65 IP68	IP20 IP65 IP68	IP67
Y	N	N	N	N	N	N	N	Y	N	N	N	N

AVAILABLE DRIVERS / CONTROLLERS AND DIMMING OPTIONS / WIRE GAUGE CHART

NON-DIMMING ELECTRONIC DRIVERS ELV & MLV DRIVERS DIMMABLE DALI DRIVERS



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

Part No.:
• DRVW2430 (30 Watt)
• DRVW2460 (60 Watt)
• DRVW2496 (96 Watt)
Output Voltage: 24 VDC
Input Voltage: 120-277 VAC
IP65, dry/damp location
UL Listed



240W, 320W Non-Dimming Electronic Drivers

Part No.:
• DRVW24240 (240 Watt)
• DRVW24320 (320 Watt)
Output Voltage: 24 VDC
Input Voltage: 90-305 VAC
IP65, dry/damp location
UL Recognized



60W, 96W Non-Dimming Compact Drivers

Part No.:
• DRV2460C (60 Watt)
• DRV2496C (96 Watt)
Output Voltage: 24 VDC
Input Voltage: 120-277 VAC
IP20, dry location
UL Class P



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 VDC
Input Voltage: 100-277 VAC
IP67, damp/wet location
UL, CE, and CSA Listed



100W 1 Channel, 100W 2 Channel, 150W 4 Channel Dimmable DALI Drivers

Part No.:
• DRV100DALI1CH (100W 1 channel)
• DRV100DALI2CH (100W 2 channel)
• DRV150DALI4CH (150W 4 channel)
Output Voltage: 24 VDC
Input Voltage: 120-277 VAC
IP20, dry location
CE, UL Recognized, FCC, RoHS, SELV

0-10V DRIVERS ATHENA WIRELESS COMPATIBLE DIMMABLE DALI-2 DRIVERS



0-10V Dimmable Waterproof Drivers

• Part No.: DRVW249610P (96 Watt)
• Part No.: DRVW2428810P (288 Watt)
Output Voltage: 24 VDC (+/- 0.5 V)
Input Voltage: 100-277 VAC
UL wet location
UL Listed



0-10V Dimmable 90W VW/WD Driver

• Part No.: DRVRFWDVW2490120
Output Voltage: 24 VDC
Input Voltage: 100-277 VAC
IP23, dry/damp location
UL Listed



94W Athena Wireless Compatible Drivers

• Part No.: DRVW2494ATH1CH (1 channel)
• Part No.: DRVW2494ATH2CH (2 channel)
Output Voltage: 24 VDC
Input Voltage: 100-277 VAC
Dry location
UL Listed



96W DIMMABLE DALI-2 DT6 D4I & DALI-2 DT8 D4I DRIVERS

• Part No.: DRVW2496DALI1CH (1 channel)
• Part No.: DRVW2496DALI2CH (2 channel)
Output Voltage: 24-26 VDC
Input Voltage: 120-277 VAC
IP67, wet location
UL Listed

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



GLASS TOUCH WALL CONTROLLERS
Part No.: AWCRGBWWBK
AWCVWBK



1 ZONE WALL CONTROLLER
Part No.: DMXCTRLG



5 ZONE WALL CONTROLLER
Part No.: DMXCTRL



10 ZONE WALL CONTROLLER
Part No.: DMXCTRLD



2 UNIVERSE DMX CONTROLLER
Part No.: DMXCTRLDR2U
6 UNIVERSE DMX CONTROLLER
Part No.: DMXCTRLDR6U



VARIABLE WHITE DIMMER
Part No.: RFDIMVWH (White)
RFDIMWBK (Black)



WARM DIM DIMMER
Part No.: RFDIMWDWH (White)
RFDIMWDBK (Black)



4 CHANNEL WATERPROOF DMX INTERFACE
Part No.: DMXINFWLCD4



5 CHANNEL DMX INTERFACE
Part No.: DMXINFOLED5



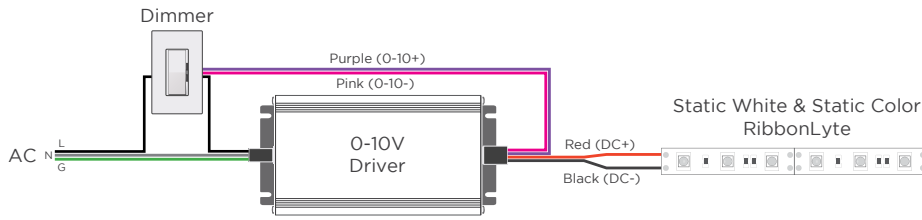
DMX OPTO SPLITTER
Part No.: DMXOS8

DRIVER AND RIBBONLYTE AT FULL LOAD

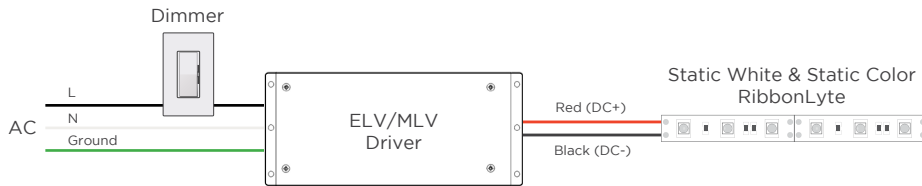
Wattages	30		60		96		150		200		240		300		320	
	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters
24 AWG / 0.25 mm ²	14	4.27	9	2.74	5.5	1.68	3.75	1.14	2.75	0.84	2.25	0.69	1.75	0.53	1.75	0.53
22 AWG / 0.34 mm ²	22	6.71	14	4.27	9	2.74	5.75	1.75	4.5	1.37	3.5	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

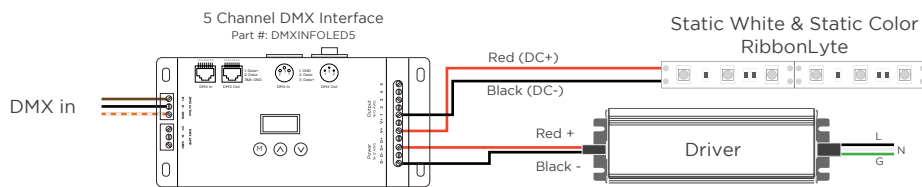
0-10 V



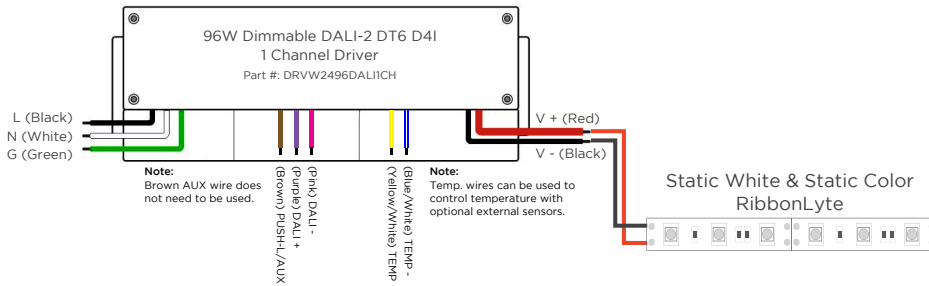
MLV / ELV



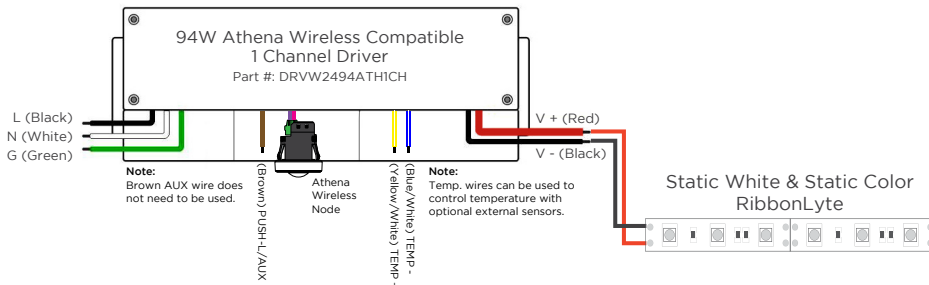
DMX WIRING WITH STATIC WHITE & STATIC COLOR RIBBONLYTE



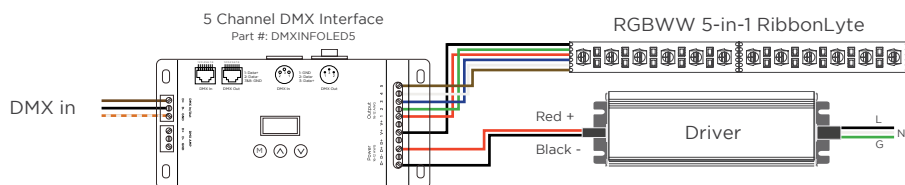
DALI-2 WIRING WITH STATIC WHITE & STATIC COLOR RIBBONLYTE



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

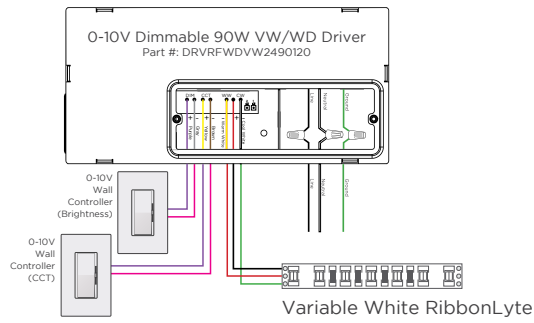
Black Wire (+) Positive
Green Wire (-) goes to Green Channel
Red Wire (-) goes to Red Channel
Blue Wire (-) goes to Blue Channel
White Wire (-) goes to White Channel

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

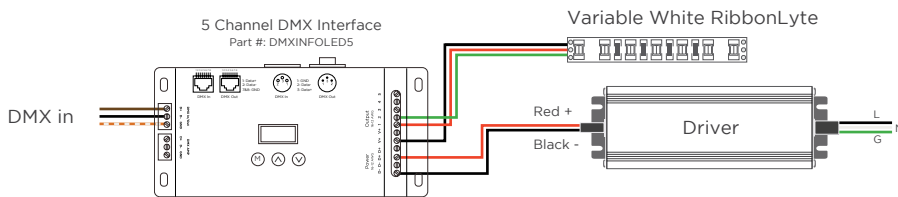
2-CHANNEL VARIABLE WHITE DIMMING



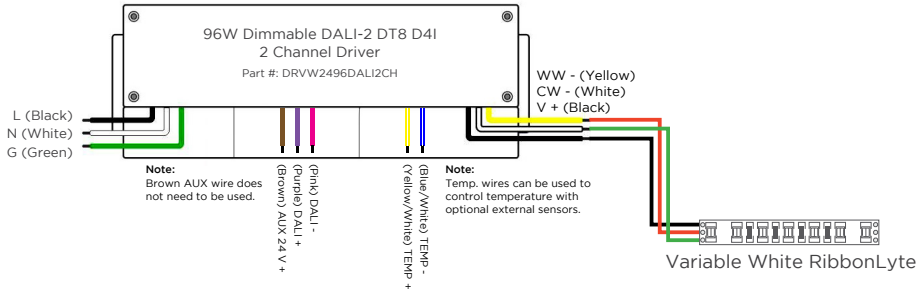
WIRE COLORS PER RIBBONLYTE COLOR

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

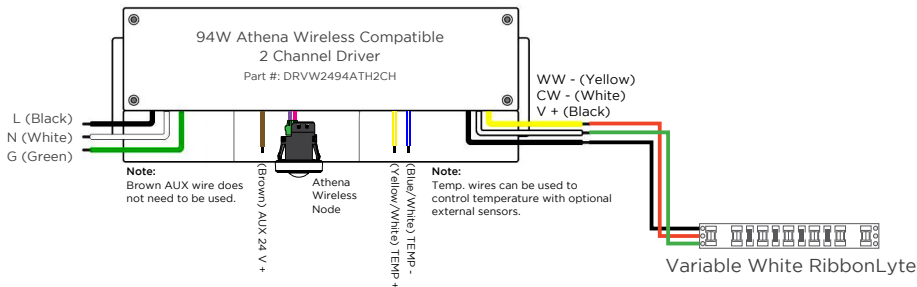
DMX WIRING WITH VARIABLE WHITE RIBBONLYTE



DALI-2 WIRING WITH VARIABLE WHITE RIBBONLYTE



VARIABLE WHITE RIBBONLYTE WIRING WITH ATHENA WIRELESS COMPATIBLE DRIVER



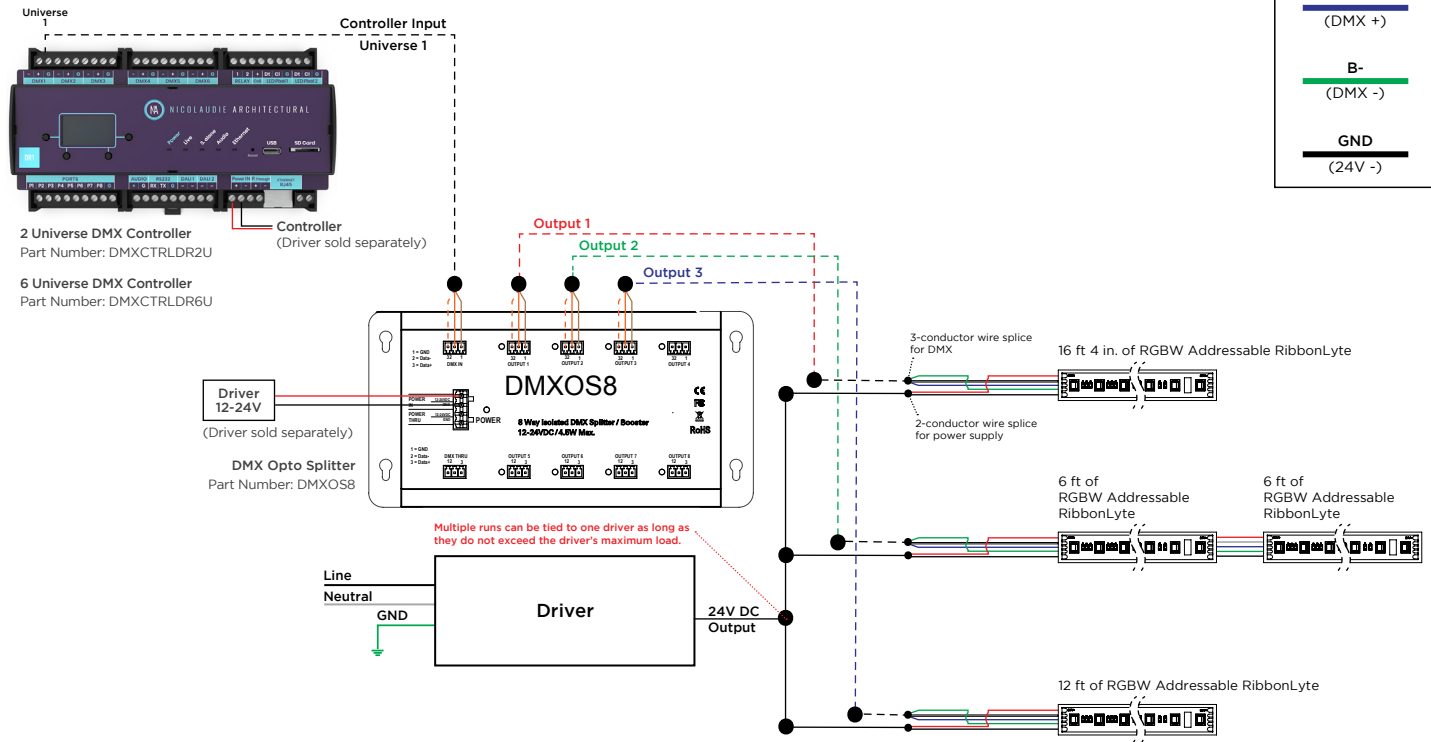
WIRING DIAGRAMS WITH RGBW ADDRESSABLE RIBBONLYTE

One DMX Universe consists of 128 addresses and 512 channels (42 ft, 8 in. of RibbonLyte).

Any single run of RibbonLyte that is less than 16 ft, 4 in. can be wired directly to the controller.

For additional runs, Opto Splitter must be used. Each individual run will need its own Opto Splitter output.

WIRE INDEX	
+	(24V +)
PI	(DMX GND)
A+	(DMX +)
B-	(DMX -)
GND	(24V -)



REV.02DEC2024

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