

### AS13 CHANNEL FIXTURE

The AS13 is a shallow aluminum surface mounted channel available with round milky or square milky lens. This sleek, wide channel mounts flush to the surface. Create a custom fixture with AS13, your choice of round milky or square milky lenses and our RibbonLyte products.

- Available for field assembly or factory assembly
- 1.31 in. (33.4 mm) wide by 1.29 in. (32.7 mm) deep with round lens, 1.37 in. (34.8 mm) deep with square lens
- Beam angles: 100°x140° with Round Lens, 100°x150° with Square Lens
- Wattage range: 0.75 W/ft (2.46 W/m) to 8.8 W/ft (28.9 W/m)
- Static White delivered lumen range: 47 lm/ft (155 lm/m) up to 602 lm/ft (1975 lm/m)
- Round Milky Lens or Square Milky Lens
- Suitable for use in closets with RibbonLyte (6.0 W/ft and less)

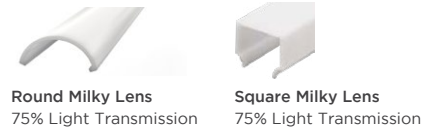


### HOUSING FINISHES

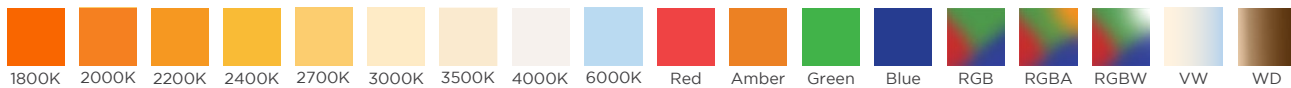


\*Additional fee applies

### LENS FINISHES

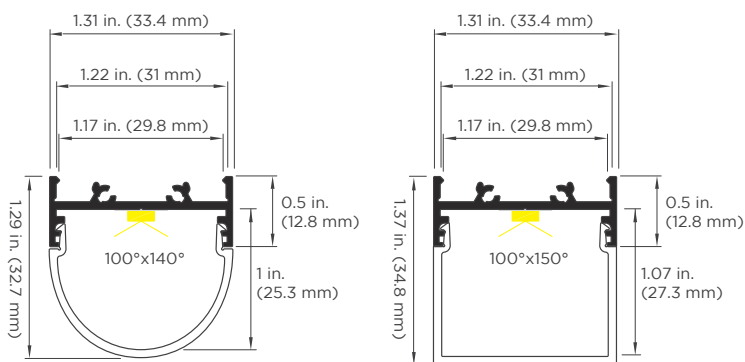


### AVAILABLE COLORS & COLOR TEMPERATURES



### DIMENSIONS

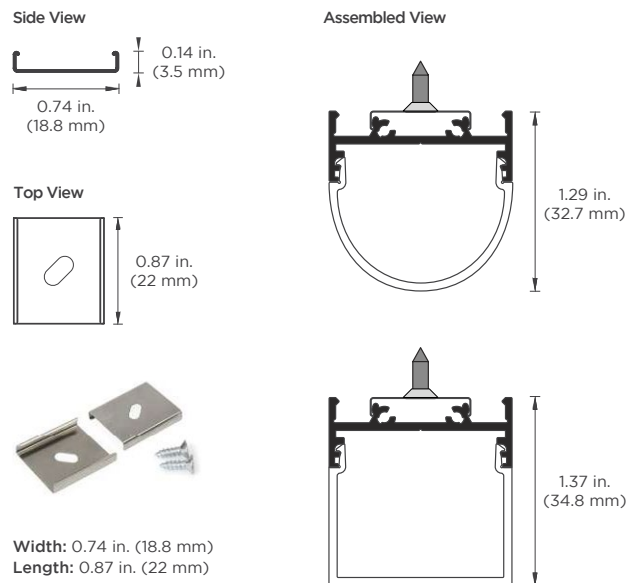
#### AS13 Channel



**Width:** 1.31 in. (33.4 mm)  
**Height:** 1.29 in. (32.7 mm)  
**Internal Width:** 1.22 in. (31 mm)  
**Internal Height:** 1 in. (25.3 mm)

**Width:** 1.31 in. (33.4 mm)  
**Height:** 1.37 in. (34.8 mm)  
**Internal Width:** 1.22 in. (31 mm)  
**Internal Height:** 1.07 in. (27.3 mm)

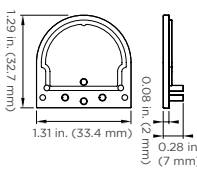
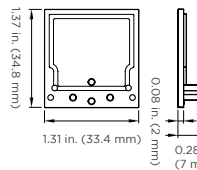
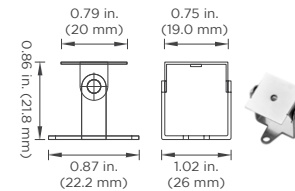
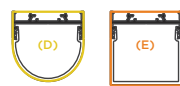
#### Mounting Clip (included accessory)



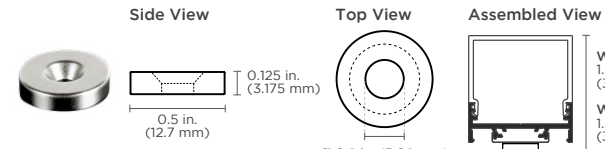
**SPECIFICATIONS**

<b>Beam Angle</b>	100°x140° with Round Milky Lens, 100°x150° with Square Milky Lens
<b>Lens Type</b>	Round Milky Lens, Square Milky Lens
<b>Length</b>	Channel is sold by the foot and cut to your exact desired length. Required amount of mounting clips included.
<b>Operating Voltage</b>	24V
<b>Dimming</b>	MLV / 0-10 Volt / Lutron Hi-Lume 1% dimming LED drivers / Lutron VIVE code compliance available / ELV / DALI / DMX
<b>Operating Temperature</b>	-40° F to 158° F (-40° C to 70° C)
<b>Colors</b>	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)
<b>CRI</b>	90+ CRI (Static white only)
<b>Lamp Life</b>	L70 at 50,000 Hours
<b>MacAdam Ellipses (SDCM)</b>	2-Step Binning (For Static White LEDs only)
<b>Certifications</b>	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 Suitable for use in closets, compliant with NFPA® 70, NEC® Section 410.16 (A)(3) and 410.16 (C)(5).

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

<p><b>End Cap (D) for channel with Round Lens</b></p> 	<p><b>End Cap (E) for channel with Square Lens</b></p> 	<p><b>Tiltable Stand</b></p>  <p>Assembled Height with channel &amp; Round Lens: 2.15 in. (54.5 mm) Assembled Height with channel &amp; Square Lens: 2.23 in. (56.6 mm)</p>
<p><b>End Cap options when using channel with Round Lens or Square Lens:</b></p> <ol style="list-style-type: none"> <li>1. Use End Cap (D) for channel with Round Lens</li> <li>2. Use End Cap (E) for channel with Square Lens</li> </ol> 		

**Magnetic Mount (Part #: CHMAGO.5)**



**Features:**

- High-energy neodymium magnets come attached to mounting clips with countersink hex nuts
- Create easy-mount magnetic channels with minimal surface gaps; no tools or drilling necessary
- Magnets rated for 8 lbs. of pull force with static load

**Applications:**

- Industrial lighting retrofits for troffers and other metal fixtures
- Metal retail shelf lighting
- Temporary light fixture installations

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ORDERING GUIDE

**STEP 1** Complete Channel Part Number

CHANNEL	LENS	HOUSING COLOR	END CAPS
CHAS13			
CHAS13 - AS13 Channel	RM - Round Milky Lens SM - Square Milky Lens	SV - Silver (standard) BK - Black WH - White Consult factory for custom colors	D - End Cap for channel with Round Milky Lens E - End Cap for channel with Square Milky Lens

**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 SWS265 - Static White Series 2 IP65 SWS268 - Static White Series 2 IP68 SCS220 - Static Color Series 2 IP20 SCS265 - Static Color Series 2 IP65 SCS268 - Static Color Series 2 IP68 RGBADD - Addressable RGB IP67	RGBWADD - Addressable RGBW IP67 VWS220 - VW Series 2 IP20 VWS265 - VW Series 2 IP65 VWS268 - VW Series 2 IP68 RGB20 - RGB IP20 RGB65 - RGB IP65 RGB68 - RGB IP68	RGBWA20 - RGBW/A IP20 RGBWA65 - RGBW/A IP65 RGBWA68 - RGBW/A 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, RGB)
- 3.0 - 3.0 W/ft (9.8 W/m - Static White, Static Color, Variable White)
- 3.7 - 3.7 W/ft (12.1 W/m - Addressable RGB)
- 4.4 - 4.4 W/ft (14.4 W/m - Static White, Static Color, RGB, RGBW/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)
- 5.4 - 5.4 W/ft (17.7 W/m - Addressable RGBW)
- 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)
- 8.8 - 8.8 W/ft (28.9 W/m - RGB, RGBW/RGBA)

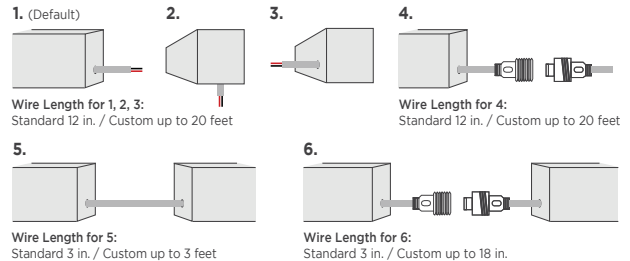
COLOR

- 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
- RGB - Red, Green, Blue
- RGB30 - Red, Green, Blue + 3000K
- RGB40 - Red, Green, Blue + 4000K (5.5W only)
- RGB60 - Red, Green, Blue + 6000K
- RGBA - Red, Green, Blue + Amber
- RGBW30 - RGB + 3000K Addressable
- RGBW60 - RGB + 6000K Addressable
- 2920 - Warm Dim 2900K - 2000K (IP20)
- 2721 - Warm Dim 2700K - 2100K (IP65+IP68)
- Z - Undecided\*\*

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	

**STEP 4** Add Accessories

ACCESSORIES

- TILTSTANDST - Tilttable Stand
- CHMAGO.5 - Magnetic Mount

RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

Available Wattage	Cutttable Length	LED Pitch	Color Temp.	lm/W without Lens	Delivered Lumens with Round Milky Lens (lm/ft / lm/m)	Delivered Lumens with Square Milky 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	47 / 155	IP20: 49 ft (15 m) IP65/IP68: 32.8 ft (10 m)	✓	✓	✓
			2000K	99	56 / 183	56 / 183				
			2200K	109	61 / 201	61 / 201				
			2400K	113	64 / 209	64 / 209				
			2700K	123	69 / 227	69 / 227				
			3000K	123	69 / 227	69 / 227				
			3500K	130	73 / 240	73 / 240				
			4000K	134	75 / 247	75 / 247				
			6000K	131	74 / 242	74 / 242				
1.5 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	84	95 / 310	95 / 310	IP20: 49 ft (15 m) IP65/IP68: 32.8 ft (10 m)	✓	✓	✓
			2000K	98	110 / 362	110 / 362				
			2200K	109	123 / 402	123 / 402				
			2400K	113	127 / 417	127 / 417				
			2700K	123	138 / 454	138 / 454				
			3000K	123	138 / 454	138 / 454				
			3500K	129	145 / 476	145 / 476				
			4000K	134	151 / 495	151 / 495				
			6000K	131	147 / 484	147 / 484				
2.2 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	83	137 / 449	137 / 449	IP20: 42 ft (12.8 m) IP65/IP68: 32.8 ft (10 m)	✓	✓	✓
			2000K	96	158 / 520	158 / 520				
			2200K	106	175 / 574	175 / 574				
			2400K	111	183 / 601	183 / 601				
			2700K	120	198 / 650	198 / 650				
			3000K	122	201 / 660	201 / 660				
			3500K	127	210 / 687	210 / 687				
			4000K	133	219 / 720	219 / 720				
			6000K	128	211 / 693	211 / 693				
3.0 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	84	189 / 620	189 / 620	IP20: 36 ft (11 m) IP65/IP68: 32.8 ft (10 m)	✓	✓	✓
			2000K	98	221 / 723	221 / 723				
			2200K	108	243 / 797	243 / 797				
			2400K	109.8	247 / 811	247 / 811				
			2700K	122.9	277 / 907	277 / 907				
			3000K	130	293 / 960	293 / 960				
			3500K	133	299 / 982	299 / 982				
			4000K	133	299 / 982	299 / 982				
			6000K	128	288 / 945	288 / 945				
4.4 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	81	267 / 877	267 / 877	28 ft 4 in. (8.64 m)	✓	✓	✓
			2000K	95	314 / 1029	314 / 1029				
			2200K	105	347 / 1137	347 / 1137				
			2400K	109	360 / 1180	360 / 1180				
			2700K	122	403 / 1321	403 / 1321				
			3000K	129	426 / 1397	426 / 1397				
			3500K	132	436 / 1429	436 / 1429				
			4000K	132	436 / 1429	436 / 1429				
			6000K	126	416 / 1364	416 / 1364				
5.0 Static White Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	1800K	83	311 / 1021	311 / 1021	IP20: 33 ft 4 in. (10.1 m) IP65/IP68: 32.8 ft (10 m)	✓	✓	✓
			2000K	98	368 / 1206	368 / 1206				
			2200K	107	401 / 1316	401 / 1316				
			2400K	110	412 / 1351	412 / 1351				
			2700K	123	461 / 1512	461 / 1512				
			3000K	130	488 / 1599	488 / 1599				
			3500K	133	499 / 1636	499 / 1636				
			4000K	133	499 / 1636	499 / 1636				
			6000K	127	476 / 1562	476 / 1562				

**RIBBONLYTE SPECIFICATIONS & COMPATIBILITY**

Available Wattages	Cutable Length	LED Pitch	Color Temp.	lm/W without Lens	Delivered Lumens with Round Milky Lens (lm/ft / lm/m)	Delivered Lumens with Square Milky Lens (lm/ft / lm/m)	Max Length	Compatible with Channel		
								IP20	IP65	IP68
6.0 Static White Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	1800K	82	369 / 1211	369 / 1211	28 ft (8.5 m)	✓	✓	✓
			2000K	95	428 / 1403	428 / 1403				
			2200K	106	477 / 1565	477 / 1565				
			2400K	109	491 / 1609	491 / 1609				
			2700K	122	549 / 1801	549 / 1801				
			3000K	129	581 / 1905	581 / 1905				
			3500K	132	594 / 1949	594 / 1949				
			4000K	132	594 / 1949	594 / 1949				
0.75 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	41	23 / 76	23 / 76	IP20: 49 ft (15 m) IP65/ IP68: 32.8 ft (10 m)	✓	✓	✓
			Green	175	98 / 323	98 / 323				
			Blue	19	11 / 35	11 / 35				
			Amber	34	19 / 63	19 / 63				
1.5 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	42	47 / 155	47 / 155	IP20: 49 ft (15 m) IP65/ IP68: 32.8 ft (10 m)	✓	✓	✓
			Green	160	180 / 591	180 / 591				
			Blue	18	20 / 66	20 / 66				
			Amber	34	38 / 125	38 / 125				
2.2 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	42	69 / 227	69 / 227	IP20: 42 ft (12.8 m) IP65/ IP68: 32.8 ft (10 m)	✓	✓	✓
			Green	145	239 / 785	239 / 785				
			Blue	18	30 / 97	30 / 97				
			Amber	34	56 / 184	56 / 184				
3.0 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	40	90 / 295	90 / 295	32.8 ft (10 m)	✓	✓	✓
			Green	127	286 / 937	286 / 937				
			Blue	25	56 / 185	56 / 185				
			Amber	29	65 / 214	65 / 214				
4.4 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	38	125 / 411	125 / 411	29 ft (8.8 m)	✓	✓	✓
			Green	117	386 / 1267	386 / 1267				
			Blue	24	79 / 260	79 / 260				
			Amber	25	83 / 271	83 / 271				
5.0 Static Color Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	Red	37	139 / 455	139 / 455	30 ft (9.14 m)	✓	✓	✓
			Green	116	435 / 1427	435 / 1427				
			Blue	24	90 / 295	90 / 295				
			Amber	26	98 / 320	98 / 320				
6.0 Static Color Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	Red	37	167 / 546	167 / 546	28 ft (8.5 m)	✓	✓	✓
			Green	113	509 / 1668	509 / 1668				
			Blue	23	104 / 340	104 / 340				
			Amber	24	108 / 354	108 / 354				
1.0 Variable White Series 2	1.97 in. (50 mm)	42 LEDs/ft (140 LEDs/m)	2000K + 6500K	85	64 / 209	64 / 209	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	180 / 591	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	337.5 / 1107	337.5 / 1107	32.8 ft (10 m)	✓	✓	✓

**RIBBONLYTE SPECIFICATIONS & COMPATIBILITY**

Available Wattages	Cutttable Length	LED Pitch	Color Temp.	lm/W without Lens	Delivered Lumens with Round Milky Lens (lm/ft / lm/m)	Delivered Lumens with Square Milky Lens (lm/ft / lm/m)	Max Length	Compatible with Channel		
								IP20	IP65	IP68
2.2 RGB	6.55 in. (166.4 mm)	9 LEDs/ft (30 LEDs/m)	RGB	37	61 / 200	61 / 200	19 ft 7.9 in. (6 m)	✓	✓	✓
4.4 RGB	3.94 in. (100 mm)	18 LEDs/ft (60 LEDs/m)	RGB	37	61 / 200	61 / 200	19 ft 7.9 in. (6 m)	✓	✓	✓
8.8 RGB	1.97 in. (50 mm)	18 LEDs/ft (60 LEDs/m)	RGB	37	244 / 801	244 / 801	19 ft 7.9 in. (6 m)	✓	✓	✓
4.4 RGBW	6.55 in. (166.4 mm)	18 LEDs/ft (60 LEDs/m)	RGBW	65	215 / 704	215 / 704	19 ft 7.9 in. (6 m)	✓	✓	✓
4.4 RGBA	6.55 in. (166.4 mm)	18 LEDs/ft (60 LEDs/m)	RGBA	33	109 / 357	109 / 357	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	51	210 / 690	210 / 690	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	27	111 / 365	111 / 365	19 ft 7.9 in. (6 m)	✓	✓	✓
8.8 RGBW	3.94 in. (100 mm)	36 LEDs/ft (120 LEDs/m)	RGBW	61	403 / 1321	403 / 1321	19 ft 7.9 in. (6 m)	✓	✓	✓
8.8 RGBA	3.94 in. (100 mm)	36 LEDs/ft (120 LEDs/m)	RGBA	22	145 / 476	145 / 476	19 ft 7.9 in. (6 m)	✓	✓	✓
RGB Addressable	3.94 in. (100 mm)	18 LEDs/ft (60 LEDs/m)	Red	6.2	17 / 56	17 / 56	16 ft 5 in. (5 m)	N/A	N/A	✓ IP67
			Green	15.2	42 / 138	42 / 138				
			Blue	3.7	17 / 56	17 / 56				
			All	29.7	82 / 270	82 / 270				
RGBW Addressable	3.94 in. (100 mm)	18 LEDs/ft (60 LEDs/m)	Red	20.3	82 / 270	82 / 270	16 ft 5 in. (5 m)	N/A	N/A	✓ IP67
			Green	51.3	208 / 682	208 / 682				
			Blue	10.8	44 / 144	44 / 144				
			White	51.3	208 / 682	208 / 682				
			All	167.4	678 / 2224	678 / 2224				
5.2 Warm Dim	3.94 in. (100 mm)	36 LEDs/ft (120 LEDs/m)	WARM DIM	55	215 / 704	215 / 704	16 ft 4 in. (5 m)	✓	✓	✓

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

 <b>No Visible Diode = N</b>			 <b>With Visible Diode = Y</b>								
Static White & Static Color RibbonLyte			Color Changing RibbonLyte								
0.75/1.5/2.2	3.0/4.4	5.0/6.0	2.2 RGB	4.4 RGB	8.8 RGB	4.4 RGBW/A	5.5 4-in-1 RGBW/A	8.8 RGBW/A	Warm Dim	Variable White	RGB/RGBW Addressable
IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP20	IP67
IP65	IP65	IP65	IP65	IP65	IP65	IP65	IP65	IP65	IP65	IP65	
IP68	IP68	IP68	IP68	IP68	IP68	IP68	IP68	IP68	IP68	IP68	
<b>N</b>	<b>N</b>	<b>N</b>	<b>N</b>	<b>N</b>	<b>N</b>	<b>N</b>	<b>N</b>	<b>N</b>	<b>N</b>	<b>N</b>	<b>N</b>

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

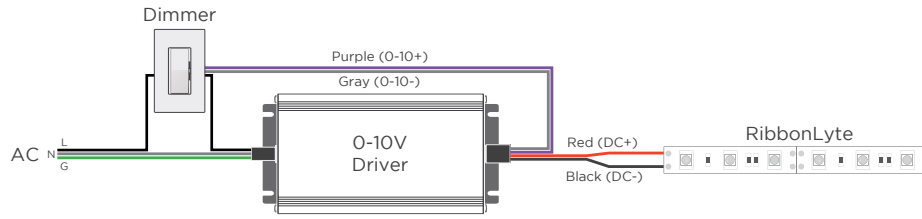
DRIVER AND RIBBONLYTE AT FULL LOAD

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	

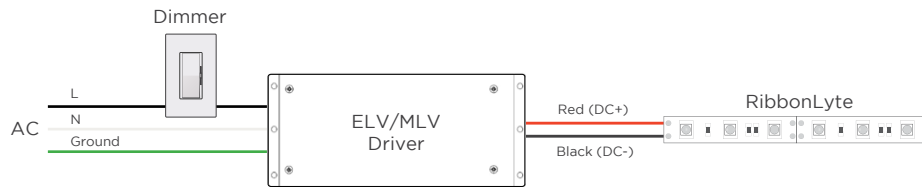


WIRING DIAGRAMS

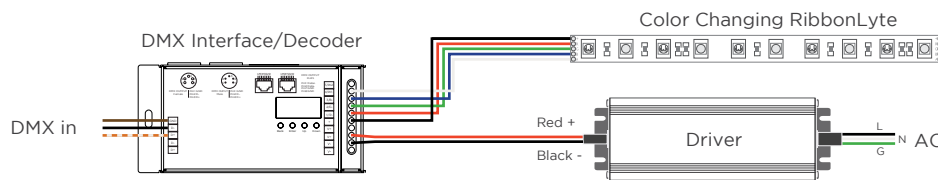
0-10V



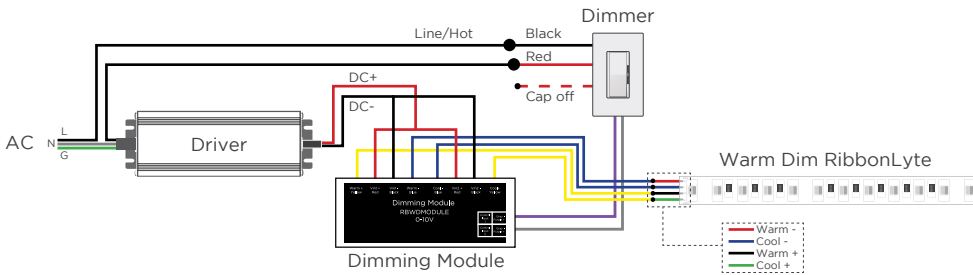
MLV / ELV



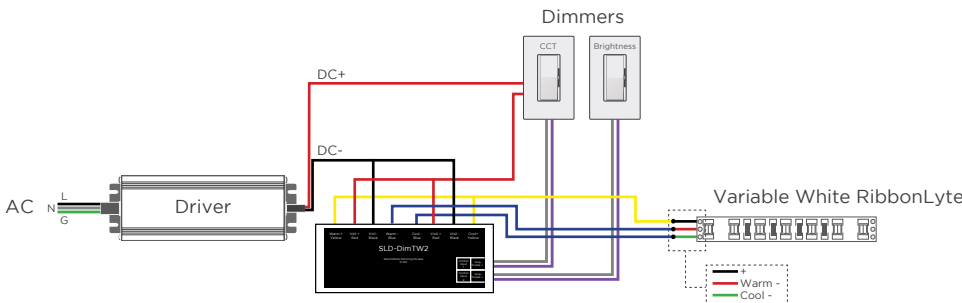
DMX



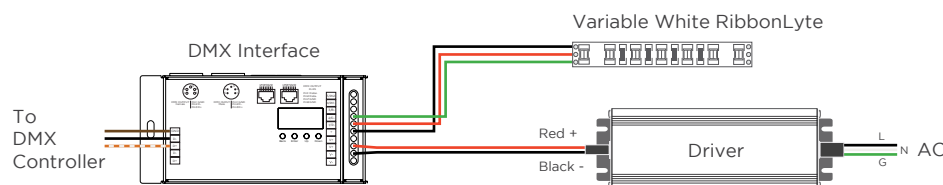
WARM DIM



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