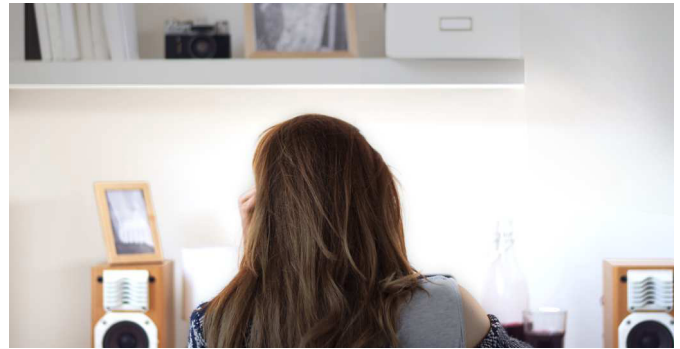
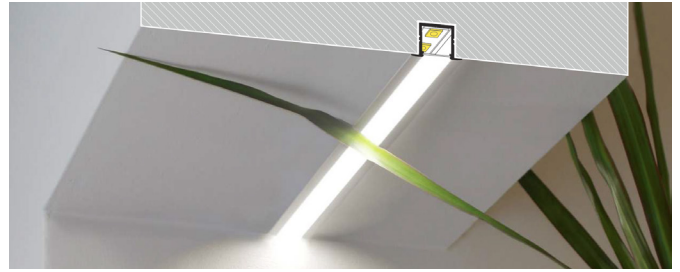


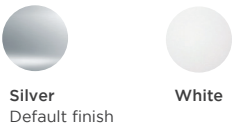
**AR16 CHANNEL FIXTURE**

Our AR16 Channel Fixture is a recessed fixture with a 110-degree beam angle. We offer choices of clear, milky and black lenses to create a full range of light output options. Design a custom fixture for walls, ceilings, cabinets and shelving with AR16 Channel Fixture and our RibbonLyte products.

- 1.1 in. (28 mm) wide by 0.73 in. (18.6 mm) deep
- 110-degree beam angle
- Wattage Range from 0.75 W/ft (2.46 W/m) to 8.8 W/ft (28.86 W/m)
- Static White delivered lumen range from 85 lm/ft (279 lm/m) up to 729 lm/ft (2391 lm/m)
- Available in silver, white or custom colors
- Clear Lens, Milky Lens or Black Lens



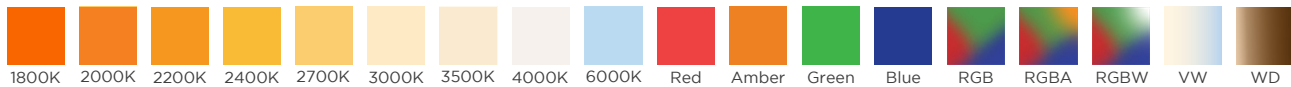
**HOUSING FINISHES**



**LENS FINISHES**



**AVAILABLE COLORS & COLOR TEMPERATURES**



**DIMENSIONS**

AR16 Channel	Mounting Clip	Spring Clip
<p>Width: 1.1 in. (28 mm) Height: 0.73 in. (18.6 mm) Internal Width: 0.65 in. (16.4 mm) Internal Height: 0.64 in. (16.2 mm)</p>	<p><b>Side View</b></p> <p>0.79 in. (20 mm) 0.43 in. (11 mm)</p> <p><b>Top View</b></p> <p>0.79 in. (20 mm) 0.98 in. (25 mm)</p> <p><b>Assembled View</b></p> <p>0.83 in. (21 mm) 0.75 in. (19 mm)</p> <p>Width: 0.79 in. (20 mm) Length: 0.98 in. (25 mm)</p>	<p><b>Front View</b></p> <p>1.5 in. (38 mm) 0.79 in. (20 mm)</p> <p><b>Side View</b></p> <p>2.66 in. (67.5 mm) 0.55 in. (14 mm) 1.77 in. (45 mm) 0.42 in. (10.7 mm) 0.98 in. (25 mm)</p> <p>Width: 0.98 in. (25 mm) Height: 1.77 in. (45 mm)</p>

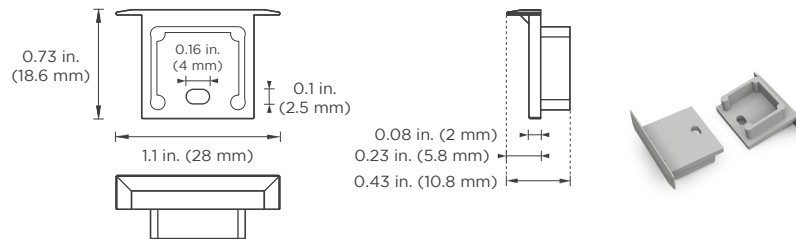
GENLED Acolyte<sup>®</sup> does not warrant or represent that the information is free from errors or omission. The information may change without notice and GENLED Acolyte<sup>®</sup> is not in any way liable for the accuracy of any information printed and stored or in any way interpreted or used.

**SPECIFICATIONS**

<b>Beam Angle</b>	110°
<b>Lens Type</b>	Clear Lens, Milky Lens, Black 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, 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

**ACCESSORIES**

**End Caps**



ORDERING GUIDE

**STEP 1** Complete Channel Part Number

CHANNEL	LENS	HOUSING COLOR	MOUNTING TYPE
<b>CHAR16</b>			
CHAR16 - AR16 Channel	C - Clear Lens M - Milky Lens BK - Black Lens	SV - Silver WH - White	C - Mounting Clips S - Spring Clips

**STEP 2** Complete RibbonLyte Part Number

CATEGORY	CRI	RIBBON TYPE & IP RATING		
<b>RB</b>				
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	RGB20 - RGB IP20 RGB65 - RGB IP65 RGB68 - RGB IP68 RGBWA20 - RGBW/A IP20 RGBWA65 - RGBW/A IP65 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

WATTAGE

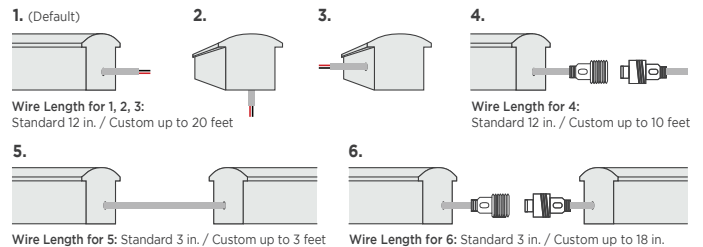
- 0.75 - 0.75 W/ft (2.46 W/m - Static White, Static Color)
- 1.0 - 1.0 W/ft (3.3 W/m - Variable White)
- 1.5 - 1.5 W/ft (4.9 W/m - Static White, Static Color)
- 2.2 - 2.2 W/ft (7.2 W/m - Static White, Static Color, RGB)
- 3.0 - 3.0 W/ft (9.8 W/m - Static White, Static Color, Variable White)
- 4.4 - 4.4 W/ft (14.4 W/m - Static White, Static Color, RGB, RGBW/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)
- 8.8 - 8.8 W/ft (28.86 W/m - RGB)

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
- 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
  - VW - Variable White
  - 2920 - Warm Dim 2900K-2000K (IP20)
  - 2721 - Warm Dim 2900K-2000K (IP65)
  - 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 Connector
- 5 - Soldered Daisy Chain
- 6 - Daisy Chain With IP67 Connectors



ASSEMBLY OPTIONS



**ON-SITE ASSEMBLY**  
Cut to length with soldered leads, assembled on-site

**BENEFITS:**  
- Run Lengths can be trimmed in the field  
- Last-minute adjustments  
- Shorter lead time



**FACTORY ASSEMBLY**  
Pre-assembled factory-finished fixtures (Max assembled length is 78 in.)

**BENEFITS:**  
- Easy and quick installation  
- Shipped as a complete unit  
- Plug-and-play installation

**SPECIFICATIONS**

Available Wattages	Cuttable Length	LED Pitch	Color Temp.	lm/W without Lens	Delivered Lumens with Clear Lens (lm/ft / lm/m)	Delivered Lumens with Milky Lens (lm/ft / lm/m)	Delivered Lumens with Black Lens (lm/ft / lm/m)	Standard Cable 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	59 / 192	21 / 70	41 / 134	12 in. (30.5 cm)	✓	✓	✓
			2000K	99	69 / 227	25 / 83	69 / 227				
			2200K	109	76 / 249	28 / 91	76 / 249				
			2400K	113	79 / 259	29 / 95	79 / 259				
			2700K	123	86 / 281	31 / 103	86 / 281				
			3000K	123	86 / 281	31 / 103	86 / 281				
			3500K	130	91 / 297	33 / 109	91 / 297				
			4000K	134	93 / 307	34 / 112	93 / 307				
			6000K	131	91 / 300	33 / 110	91 / 300				
1.5 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	84	117 / 384	43 / 141	117 / 384	12 in. (30.5 cm)	✓	✓	✓
			2000K	98	137 / 384	50 / 164	137 / 449				
			2200K	109	152 / 499	56 / 182	152 / 499				
			2400K	113	158 / 517	58 / 189	158 / 517				
			2700K	123	172 / 563	63 / 206	172 / 563				
			3000K	123	172 / 563	63 / 206	172 / 563				
			3500K	129	180 / 590	66 / 216	180 / 590				
			4000K	134	187 / 613	68 / 224	187 / 613				
			6000K	131	183 / 600	67 / 219	183 / 600				
2.2 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	83	169.8 / 557	62 / 204	169.8 / 557	12 in. (30.5 cm)	✓	✓	✓
			2000K	96	196.4 / 644	72 / 236	196.4 / 644				
			2200K	106	216.9 / 712	79 / 260	216.9 / 712				
			2400K	111	227.1 / 745	83 / 272	227.1 / 745				
			2700K	120	245.5 / 806	90 / 294	245.5 / 806				
			3000K	122	249.6 / 819	91 / 299	249.6 / 819				
			3500K	127	259.8 / 852	95 / 312	259.8 / 852				
			4000K	133	272.1 / 893	99 / 326	272.1 / 893				
			6000K	128	261.9 / 859	96 / 314	261.9 / 859				
3.0 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	84	234 / 769	86 / 281	234 / 769	12 in. (30.5 cm)	✓	✓	✓
			2000K	98	273 / 897	100 / 328	273 / 897				
			2200K	108	301 / 989	110 / 361	301 / 989				
			2400K	109.8	306 / 1005	112 / 367	306 / 1005				
			2700K	122.9	343 / 1125	125 / 411	343 / 1125				
			3000K	130	363 / 1190	133 / 435	363 / 1190				
			3500K	133	371 / 1217	136 / 445	371 / 1217				
			4000K	133	371 / 1217	136 / 445	371 / 1217				
			6000K	127	357 / 1172	131 / 428	357 / 1172				
4.4 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	121	331 / 1087	121 / 398	331 / 1087	12 in. (30.5 cm)	✓	✓	✓
			2000K	142	389 / 1275	142 / 466	389 / 1275				
			2200K	157	430 / 1410	157 / 515	430 / 1410				
			2400K	109	446 / 1463	163 / 535	446 / 1463				
			2700K	122	499 / 1638	183 / 599	499 / 1638				
			3000K	129	528 / 1732	193 / 633	528 / 1732				
			3500K	132	540 / 1772	197 / 648	540 / 1772				
			4000K	132	540 / 1772	197 / 648	540 / 1772				
			6000K	126	516 / 1692	188 / 618	516 / 1692				
5.0 Static White Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	1800K	141	386 / 1266	141 / 462	386 / 1266	12 in. (30.5 cm)	✓	✓	✓
			2000K	167	456 / 1495	167 / 547	456 / 1495				
			2200K	182	498 / 1632	182 / 597	498 / 1632				
			2400K	109.8	511 / 1675	187 / 612	511 / 1675				
			2700K	122.9	571 / 1875	209 / 685	571 / 1875				
			3000K	130	605 / 1983	221 / 725	605 / 1983				
			3500K	133	618 / 2029	226 / 742	618 / 2029				
			4000K	133	618 / 2029	226 / 742	618 / 2029				
			6000K	127	591 / 1937	216 / 708	591 / 1937				

**SPECIFICATIONS**

Available Wattages	Cuttable Length	LED Pitch	Color Temp.	lm/W without Lens	Delivered Lumens with Clear Lens (lm/ft / lm/m)	Delivered Lumens with Milky Lens (lm/ft / lm/m)	Delivered Lumens with Black Lens (lm/ft / lm/m)	Standard Cable 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	92	458 / 1501	167 / 549	458 / 1501	12 in. (30.5 cm)	✓	✓	✓
			2000K	95	530 / 1739	194 / 636	530 / 1739				
			2200K	106	591 / 1941	216 / 709	591 / 1941				
			2400K	109	608 / 1995	222 / 730	608 / 1995				
			2700K	122	681 / 2233	249 / 817	681 / 2233				
			3000K	129	720 / 2362	263 / 863	720 / 2362				
			3500K	132	737 / 2417	269 / 883	737 / 2417				
			4000K	132	737 / 2417	269 / 883	737 / 2417				
			6000K	126	703 / 2307	257 / 843	703 / 2307				
			0.75 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	41				
Green	175	122 / 400				45 / 146	122 / 400				
Blue	19	13.3 / 43				5 / 16	13.3 / 43				
Amber	34	24 / 78				9 / 28	24 / 78				
1.5 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	42	59 / 192	21 / 70	59 / 192	12 in. (30.5 cm)	✓	✓	✓
			Green	160	223 / 732	82 / 268	223 / 732				
			Blue	18	25 / 82	9 / 30	25 / 82				
			Amber	34	47 / 156	17 / 57	47 / 156				
2.2 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	42	86 / 282	31 / 103	86 / 282	12 in. (30.5 cm)	✓	✓	✓
			Green	145	297 / 973	108 / 356	297 / 973				
			Blue	18	37 / 121	13 / 44	37 / 121				
			Amber	33	70 / 228	25 / 83	70 / 228				
3.0 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	40.0	112 / 366	41 / 134	112 / 366	12 in. (30.5 cm)	✓	✓	✓
			Green	127.0	354 / 1162	130 / 425	354 / 1162				
			Blue	25.0	70 / 229	26 / 84	70 / 229				
			Amber	29.0	81 / 265	30 / 97	81 / 265				
4.4 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	38.0	155 / 510	57 / 187	155 / 510	12 in. (30.5 cm)	✓	✓	✓
			Green	117.0	479 / 1571	175 / 574	479 / 1571				
			Blue	24.0	98 / 322	36 / 118	98 / 322				
			Amber	25.0	102 / 336	37 / 123	102 / 336				
5.0 Static Color Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	Red	37.0	172 / 564	63 / 206	172 / 564	12 in. (30.5 cm)	✓	✓	✓
			Green	116.0	539 / 1770	197 / 647	539 / 1770				
			Blue	24.0	112 / 366	41 / 134	112 / 366				
			Amber	26.0	121 / 397	44 / 145	121 / 397				
6.0 Static Color Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	Red	37.0	206 / 677	75 / 248	206 / 677	12 in. (30.5 cm)	✓	✓	✓
			Green	113.0	631 / 2069	231 / 756	631 / 2069				
			Blue	23.0	128 / 421	47 / 154	128 / 421				
			Amber	24.0	134 / 439	49 / 161	134 / 439				
1.0 Variable White Series 2	1.97 in. (50 mm)	42 LEDs/ft (140 LEDs/m)	2000K + 6500K	85.0	79.1 / 259	28.9 / 95	79.1 / 259	12 in. (30.5 cm)	✓	✓	✓
3.0 Variable White Series 2	1.97 in. (50 mm)	42 LEDs/ft (140 LEDs/m)	2000K + 6500K	80.0	223.2 / 732	81.6 / 268	223.2 / 732	12 in. (30.5 cm)	✓	✓	✓
6.0 Variable White Series 2	1.97 in. (50 mm)	42 LEDs/ft (140 LEDs/m)	2000K + 6500K	75.0	418.5 / 1373	153 / 502	418.5 / 1373	12 in. (30.5 cm)	✓	✓	✓

## SPECIFICATIONS

Available Wattages	Cutttable Length	LED Pitch	Color Temp.	lm/W without Lens	Delivered Lumens with Clear Lens (lm/ft / lm/m)	Delivered Lumens with Milky Lens (lm/ft / lm/m)	Delivered Lumens with Black Lens (lm/ft / lm/m)	Standard Cable Length	Compatible with Channel		
									IP20	IP65	IP68
2.2 RGB	6.55 in. (166.4 mm)	9 LEDs/ft (30 LEDs/m)	RGB	37	75.7 / 248	27.7 / 91	75.7 / 248	12 in. (30.5 cm)	✓	✓	✓
4.4 RGB	3.94 in. (100 mm)	18 LEDs/ft (60 LEDs/m)	RGB	37	75.7 / 249	27.7 / 91	75.7 / 248	12 in. (30.5 cm)	✓	✓	✓
8.8 RGB	1.97 in. (50 mm)	18 LEDs/ft (60 LEDs/m)	RGB	37	302.8 / 993	97.2 / 319	302.8 / 993	12 in. (30.5 cm)	✓	✓	
4.4 RGBW	6.55 in. (166.4 mm)	18 LEDs/ft (60 LEDs/m)	RGBW	65	266 / 873	49.4 / 162	266 / 873	12 in. (30.5 cm)	✓	✓	✓
4.4 RGBA	6.55 in. (166.4 mm)	18 LEDs/ft (60 LEDs/m)	RGBA	33	135 / 443	95.4 / 313	135 / 443	12 in. (30.5 cm)	✓	✓	✓
5.5 4-in-1 RGBW	3.94 in. (100 mm)	18 LEDs/ft (60 LEDs/m)	RGBW	51	260.9 / 856	50.5 / 166	135 / 443	12 in. (30.5 cm)	✓	✓	✓
5.5 4-in-1 RGBA	3.94 in. (100 mm)	18 LEDs/ft (60 LEDs/m)	RGBA	27	138.1 / 453	110.7 / 363	260.9 / 856	12 in. (30.5 cm)	✓	✓	✓
5.2 Warm Dim	3.94 in. (100 mm)	36 LEDs/ft (120 LEDs/m)	WARM DIM	55	266 / 873	97.2 / 319	266 / 873	12 in. (30.5 cm)	✓	✓	✓

## 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						
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	Warm Dim	Variable White
IP20 IP65 IP68	IP20 IP65 IP68	IP20 IP65 IP68	IP20 IP65 IP68	IP20 IP65 IP68	IP20 IP65	IP20 IP65 IP68	IP20 IP65 IP68	IP20 IP65 IP68	IP20 IP65 IP68
N	N	N	Y	N	N	N	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



**96W  
Lutron Hi-Lume Premier 0.1% Dimming  
Class 2 Driver**

- Part No.:
- DRVLUT24963W (96 Watt, 3-wire)

Output Voltage: 24 V  
Voltage Range: 120-277 VAC  
IP Rating: Dry or Damp  
Dimmable using 3-wire+G or digital EcoSystem  
0.1% dimming SoftOn/FadeToBlack  
with EcoSystem  
UL Listed

MAGNETIC, ELV & MLV DRIVERS WITH COMPATIBLE DIMMERS



120 VAC

**60W, 96W, 200W, 300W  
Class 1 & 2 Magnetic Drivers**

- Part No.:
- DRVWDIM2460 (60 Watt)
  - DRVWDIM24100 (96 Watt)
  - DRVWDIM24200 (200 Watt)
  - DRVWDIM24300 (300 Watt)

Magnetic Driver  
Output Voltage: 24 V  
Voltage Range: 120 VAC  
IP Rating: Dry or Damp  
Forward Phase Dimming  
ETL Listed



277 VAC

**60W, 96W, 200W, 300W  
Class 1 & 2 Magnetic Drivers**

- Part No.:
- DRVWDIM2460277 (60 Watt)
  - DRVWDIM24100277 (96 Watt)
  - DRVWDIM24200277 (200 Watt)
  - DRVWDIM24300277 (300 Watt)

Magnetic Driver  
Output Voltage: 24 V  
Voltage Range: 277 VAC  
IP Rating: Dry or Damp  
Forward Phase Dimming  
ETL Listed



**60W, 96W, 150W, 200W  
ELV & MLV Drivers**

- Part No.:
- DRVW2460ELV (60 Watt)
  - DRVW2496ELV (96 Watt)
  - DRVW24150ELV (150 Watt)
  - DRVW24200ELV (200 Watt)

Line Voltage Dimmable Drivers  
Output Voltage: 24 V  
Voltage Range: 100-130 VAC  
IP Rating: Dry or Damp  
Dimmable  
ETL, UL 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 GENLED 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 GENLED Acolyte<sup>®</sup> 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

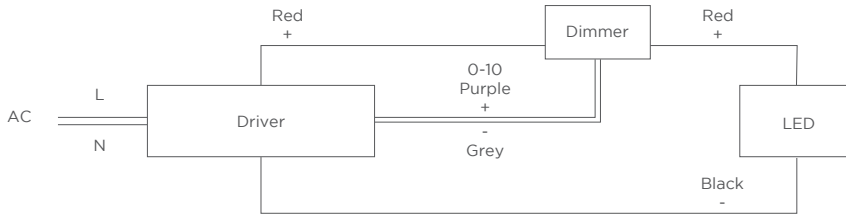
DRIVER AND RIBBONLYTE AT FULL LOAD

Wire Gauge	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	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

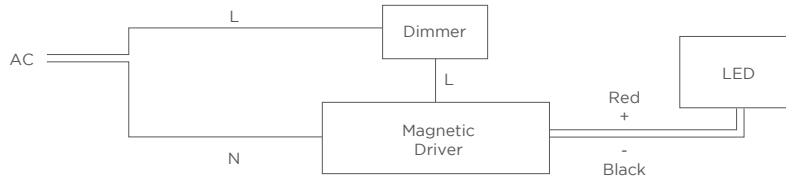


WIRING DIAGRAMS

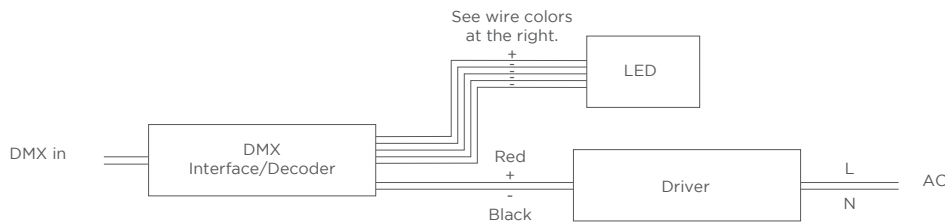
0-10V



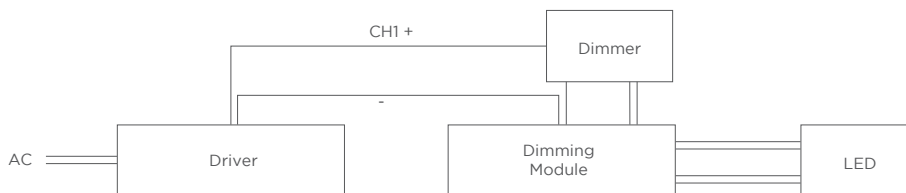
MAGNETIC + ELV



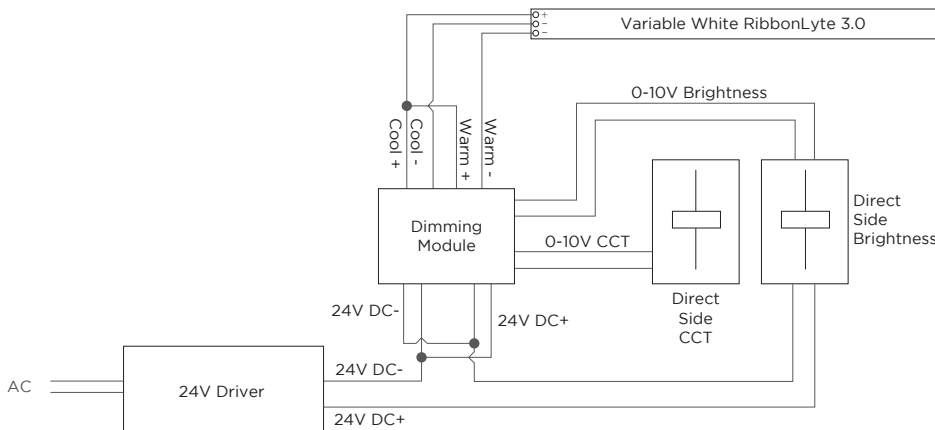
DMX



WARM DIM



2-CHANNEL VARIABLE WHITE DIMMING



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

VARIABLE WHITE

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