

AR33 CHANNEL FIXTURE

AR33 is a deep, wide aluminum recessed channel. Create a custom fixture with AR33, your choice of narrow, wide or milky textured diffuser lenses and our RibbonLyte products.

- Available for field assembly or factory assembly
- 3.03 in. (77 mm) wide by 1.42 in. (36 mm) deep
- Beam angles: 50°x100° with Narrow Prismatic Lens, 85°x100° with Wide Prismatic Lens, 100° with Milky Lens
- 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 45 lm/ft (147 lm/m) up to 784 lm/ft (2572 lm/m)
- Available in silver, black, white or custom colors
- Narrow Prismatic Lens, Wide Prismatic Lens or Milky Lens



RoHS



HOUSING FINISHES



Silver
Default finish

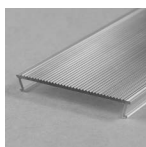


Black

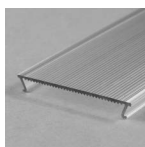


White

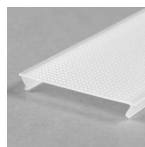
LENS FINISHES (PRISMATIC LENSES FOR GLARE REDUCTION)



Narrow Prismatic Lens
88% Light Transmission



Wide Prismatic Lens
88% Light Transmission



Milky Lens
92% Light Transmission

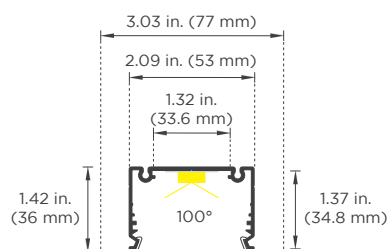
AVAILABLE COLORS & COLOR TEMPERATURES



1800K 2000K 2200K 2400K 2700K 3000K 3500K 4000K 6000K Red Amber Green Blue RGB RGBA RGBW VW WD

DIMENSIONS

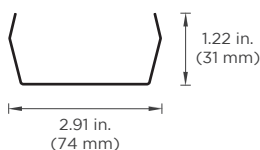
AR33 Channel



Width: 3.03 in. (77 mm)
Height: 1.42 in. (36 mm)
Internal Width: 1.32 in. (33.6 mm)
Internal Height: 1.37 in. (34.8 mm)

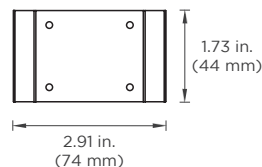
Mounting Clip (included accessory)

Side View

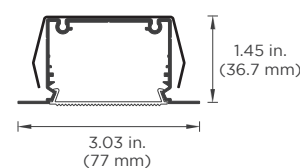


Width: 1.73 in. (44 mm)
Length: 2.91 in. (74 mm)
Height: 1.22 in. (31 mm)

Top View



Assembled Views



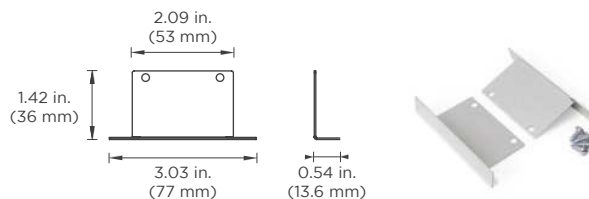
Width: 3.03 in. (77 mm)
Height: 1.45 in. (36.7 mm)

SPECIFICATIONS

Beam Angle	50°x100° with Narrow Prismatic Lens, 85°x100° with Wide Prismatic Lens, 100° with Milky Lens
Lens Type	Narrow Prismatic Lens, Wide Prismatic Lens, Milky Lens
Length	Channel is sold by the foot and cut to your exact desired length. Required amount of mounting clips included.
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

ACCESSORIES

End Caps



STEP 1 Complete Channel Part Number

CHANNEL	LENS	HOUSING COLOR
CHAR33		
CHAR33 - AR33 Channel	NP - Narrow Prismatic Lens	SV - Silver
	WP - Wide Prismatic Lens	BK - Black
	M - Milky Lens	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	SWS220 - Static White Series 2 IP20	RGBWADD - Addressable RGBW IP67	RGBWA20 - RGBW/A IP20
	90 - 90+ CRI Static White	SWS265 - Static White Series 2 IP65	VWS220 - VW Series 2 IP20	RGBWA65 - RGBW/A IP65
		SWS268 - Static White Series 2 IP68	VWS265 - VW Series 2 IP65	RGBWA68 - RGBW/A IP68
		SCS220 - Static Color Series 2 IP20	VWS268 - VW Series 2 IP68	WD20 - Warm Dim IP20
		SCS265 - Static Color Series 2 IP65	RGB20 - RGB IP20	WD65 - Warm Dim IP65
		SCS268 - Static Color Series 2 IP68	RGB65 - RGB IP65	WD68 - Warm Dim IP68
		RGBADD - Addressable RGB IP67	RGB68 - RGB 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)
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)

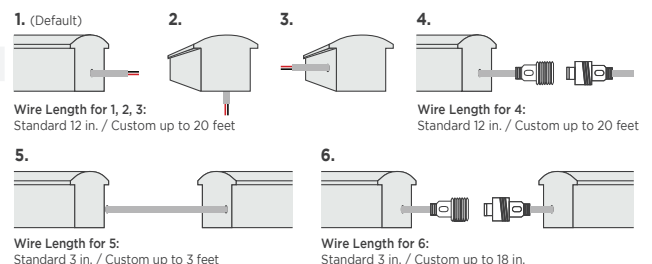
COLOR

18 - 1800K	VW - Variable White
20 - 2000K	RGB - Red, Green, Blue
22 - 2200K	RGB30 - Red, Green, Blue + 3000K
24 - 2400K	RGB40 - Red, Green, Blue + 4000K (5.5W only)
27 - 2700K	RGB60 - Red, Green, Blue + 6000K
30 - 3000K	RGBA - Red, Green, Blue + Amber
35 - 3500K	RGBW30 - RGB + 3000K Addressable
40 - 4000K	RGBW60 - RGB + 6000K Addressable
60 - 6000K	2920 - Warm Dim 2900K - 2000K (IP20)
R - Red	2721 - Warm Dim 2700K - 2100K (IP65+IP68)
A - Amber	Z - Undecided**
G - Green	** 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 |

Custom Length (ft.)



STEP 3 Complete Assembly Option & Length

ASSEMBLY OPTION	LENGTH (Standard factory assembled length up to 78 in. / 2 m)
FI - Field Assembly	Consult factory for custom factory assembled length (up to 13 ft / 4 m)
FA - Factory Assembly	

SPECIFICATIONS

Available Wattage	Cutttable Length	LED Pitch	Color Temp.	lm/W without Lens	Delivered Lumens with Narrow Prismatic Lens (lm/ft / lm/m)	Delivered Lumens with Wide Prismatic Lens (lm/ft / lm/m)	Delivered Lumens with Milky 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	55 / 182	55 / 182	58 / 190	12 in. (30.5 cm)	✓	✓	✓
			2000K	99	65 / 214	65 / 214	68 / 224				
			2200K	109	72 / 236	72 / 236	75 / 249				
			2400K	113	75 / 245	75 / 245	78 / 256				
			2700K	123	81 / 266	81 / 266	85 / 278				
			3000K	123	81 / 266	81 / 266	85 / 278				
			3500K	130	86 / 281	86 / 281	90 / 294				
			4000K	134	88 / 290	88 / 290	92 / 303				
			6000K	131	86 / 284	86 / 284	90 / 297				
1.5 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	84	111 / 364	111 / 364	116 / 380	12 in. (30.5 cm)	✓	✓	✓
			2000K	98	129 / 424	129 / 424	135 / 444				
			2200K	109	144 / 472	144 / 472	150 / 493				
			2400K	113	149 / 489	149 / 489	156 / 512				
			2700K	123	162 / 533	162 / 533	170 / 557				
			3000K	123	162 / 533	162 / 533	170 / 557				
			3500K	129	170 / 559	170 / 559	178 / 584				
			4000K	134	177 / 580	177 / 580	185 / 607				
			6000K	131	173 / 567	173 / 567	181 / 593				
2.2 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	83	161 / 527	161 / 527	168 / 551	12 in. (30.5 cm)	✓	✓	✓
			2000K	96	186 / 610	186 / 610	194 / 637				
			2200K	106	205 / 673	205 / 673	215 / 704				
			2400K	111	215 / 705	215 / 705	225 / 737				
			2700K	120	232 / 762	232 / 762	243 / 797				
			3000K	122	236 / 775	236 / 775	247 / 810				
			3500K	127	246 / 807	246 / 807	257 / 843				
			4000K	133	257 / 845	257 / 845	269 / 883				
			6000K	128	248 / 813	248 / 813	259 / 850				
3.0 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	84	222 / 728	222 / 728	232 / 761	12 in. (30.5 cm)	✓	✓	✓
			2000K	98	259 / 849	259 / 849	270 / 887				
			2200K	108	285 / 935	285 / 935	298 / 978				
			2400K	109.8	290 / 951	290 / 951	303 / 994				
			2700K	122.9	324 / 1064	324 / 1064	339 / 1113				
			3000K	130	343 / 1126	343 / 1126	359 / 1177				
			3500K	133	351 / 1152	351 / 1152	367 / 1204				
			4000K	133	351 / 1152	351 / 1152	367 / 1204				
			6000K	128	338 / 1109	338 / 1109	353 / 1159				
4.4 Static White Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	1800K	81	314 / 1029	314 / 1029	328 / 1076	12 in. (30.5 cm)	✓	✓	✓
			2000K	95	368 / 1207	368 / 1207	385 / 1262				
			2200K	105	407 / 1334	407 / 1334	425 / 1394				
			2400K	109	422 / 1385	422 / 1385	441 / 1448				
			2700K	122	472 / 1550	472 / 1550	494 / 1620				
			3000K	129	499 / 1639	499 / 1639	522 / 1713				
			3500K	132	511 / 1677	511 / 1677	534 / 1753				
			4000K	132	511 / 1677	511 / 1677	534 / 1753				
			6000K	126	488 / 1601	488 / 1601	510 / 1673				
5.0 Static White Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	1800K	83	365 / 1198	365 / 1198	382 / 1253	12 in. (30.5 cm)	✓	✓	✓
			2000K	98	431 / 1415	431 / 1415	451 / 1479				
			2200K	107	417 / 1545	417 / 1545	492 / 1615				
			2400K	110	483 / 1585	483 / 1585	505 / 1657				
			2700K	123	541 / 1774	541 / 1774	565 / 1855				
			3000K	130	572 / 1877	572 / 1877	598 / 1962				
			3500K	133	585 / 1920	585 / 1920	612 / 2007				
			4000K	133	585 / 1920	585 / 1920	612 / 2007				
			6000K	127	559 / 1833	559 / 1833	584 / 1917				

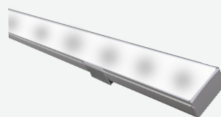
SPECIFICATIONS

Available Wattages	Cutttable Length	LED Pitch	Color Temp.	lm/W without Lens	Delivered Lumens with Narrow Prismatic Lens (lm/ft / lm/m)	Delivered Lumens with Wide Prismatic Lens (lm/ft / lm/m)	Delivered Lumens with Milky 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	82	433 / 1420	433 / 1420	453 / 1485	12 in. (30.5 cm)	✓	✓	✓
			2000K	95	502 / 1646	502 / 1646	524 / 1720				
			2200K	106	560 / 1836	560 / 1836	585 / 1920				
			2400K	109	576 / 1888	576 / 1888	602 / 1974				
			2700K	122	644 / 2113	644 / 2113	673 / 2209				
			3000K	129	681 / 2235	681 / 2235	712 / 2336				
			3500K	132	697 / 2287	697 / 2287	729 / 2391				
			4000K	132	697 / 2287	697 / 2287	729 / 2391				
0.75 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	41	27 / 89	27 / 89	28 / 93	12 in. (30.5 cm)	✓	✓	✓
			Green	175	116 / 379	116 / 379	121 / 396				
			Blue	19	13 / 41	13 / 41	13 / 43				
			Amber	34	22 / 74	22 / 74	23 / 77				
1.5 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	42	55 / 182	55 / 182	58 / 190	12 in. (30.5 cm)	✓	✓	✓
			Green	160	211 / 693	211 / 693	221 / 724				
			Blue	18	24 / 78	24 / 78	25 / 81				
			Amber	34	45 / 147	45 / 147	47 / 154				
2.2 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	42	81 / 267	81 / 267	85 / 279	12 in. (30.5 cm)	✓	✓	✓
			Green	145	281 / 921	281 / 921	293 / 963				
			Blue	18	35 / 114	35 / 114	36 / 120				
			Amber	34	66 / 216	66 / 216	69 / 226				
3.0 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	40	106 / 346	106 / 346	110 / 362	12 in. (30.5 cm)	✓	✓	✓
			Green	127	335 / 1100	335 / 1100	351 / 1150				
			Blue	25	66 / 217	66 / 217	69 / 226				
			Amber	29	77 / 251	77 / 251	80 / 263				
4.4 Static Color Series 2	1.97 in. (50 mm)	48 LEDs/ft (160 LEDs/m)	Red	38	147 / 483	147 / 483	154 / 505	12 in. (30.5 cm)	✓	✓	✓
			Green	117	453 / 1486	453 / 1486	474 / 1554				
			Blue	24	93 / 305	93 / 305	97 / 319				
			Amber	25	97 / 318	97 / 318	101 / 332				
5.0 Static Color Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	Red	37	163 / 534	163 / 534	170 / 558	12 in. (30.5 cm)	✓	✓	✓
			Green	116	510 / 1675	510 / 1675	534 / 1751				
			Blue	24	106 / 346	106 / 346	110 / 362				
			Amber	26	114 / 375	114 / 375	120 / 392				
6.0 Static Color Series 2	1.4 in. (35.7 mm)	68 LEDs/ft (224 LEDs/m)	Red	37	195 / 641	195 / 641	204 / 670	12 in. (30.5 cm)	✓	✓	✓
			Green	113	597 / 1957	597 / 1957	624 / 2046				
			Blue	23	121 / 398	121 / 398	127 / 417				
			Amber	24	127 / 416	127 / 416	132 / 435				
1.0 Variable White Series 2	1.97 in. (50 mm)	42 LEDs/ft (140 LEDs/m)	2000K + 6500K	85	75 / 245	75 / 245	78 / 257	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	211 / 693	211 / 693	221 / 724	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	396 / 1299	396 / 1299	414 / 1358	12 in. (30.5 cm)	✓	✓	✓

SPECIFICATIONS

Available Wattages	Cuttable Length	LED Pitch	Color Temp.	lm/W without Lens	Delivered Lumens with Narrow Prismatic Lens (lm/ft / lm/m)	Delivered Lumens with Wide Prismatic Lens (lm/ft / lm/m)	Delivered Lumens with Milky 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	72 / 235	72 / 235	75 / 246	12 in. (30.5 cm)	✓	✓	✓
4.4 RGB	3.94 in. (100 mm)	18 LEDs/ft (60 LEDs/m)	RGB	37	72 / 235	72 / 235	75 / 246	12 in. (30.5 cm)	✓	✓	✓
8.8 RGB	1.97 in. (50 mm)	18 LEDs/ft (60 LEDs/m)	RGB	37	287 / 940	287 / 940	300 / 983	12 in. (30.5 cm)	✓	✓	✓
4.4 RGBW	6.55 in. (166.4 mm)	18 LEDs/ft (60 LEDs/m)	RGBW	65	252 / 826	252 / 826	263 / 863	12 in. (30.5 cm)	✓	✓	✓
4.4 RGBA	6.55 in. (166.4 mm)	18 LEDs/ft (60 LEDs/m)	RGBA	33	128 / 419	128 / 419	134 / 438	12 in. (30.5 cm)	✓	✓	✓
5.5 4-in-1 RGBW	3.94 in. (100 mm)	18 LEDs/ft (60 LEDs/m)	RGBW	51	247 / 810	247 / 810	258 / 847	12 in. (30.5 cm)	✓	✓	✓
5.5 4-in-1 RGBA	3.94 in. (100 mm)	18 LEDs/ft (60 LEDs/m)	RGBA	27	131 / 429	131 / 429	137 / 448	12 in. (30.5 cm)	✓	✓	✓
8.8 RGBW	3.94 in. (100 mm)	36 LEDs/ft (120 LEDs/m)	RGBW	61	472 / 1550	472 / 1550	494 / 1620	12 in. (30.5 cm)	✓	✓	✓
8.8 RGBA	3.94 in. (100 mm)	36 LEDs/ft (120 LEDs/m)	RGBA	22	170 / 559	170 / 559	178 / 584	12 in. (30.5 cm)	✓	✓	✓
RGB Addressable	3.94 in. (100 mm)	18 LEDs/ft (60 LEDs/m)	Red	18.5	16 / 53	16 / 53	17 / 56	12 in. (30.5 cm)	N/A	N/A	✓ IP67
			Green	45.6	40 / 132	40 / 132	42 / 138				
			Blue	11.1	10 / 32	10 / 32	10 / 34				
			All	89	78 / 257	78 / 257	82 / 269				
RGBW Addressable	3.94 in. (100 mm)	18 LEDs/ft (60 LEDs/m)	Red	20.3	18 / 59	18 / 59	19 / 61	12 in. (30.5 cm)	N/A	N/A	✓ IP67
			Green	51.3	45 / 148	45 / 148	47 / 155				
			Blue	10.8	10 / 31	10 / 31	10 / 33				
			White	51.3	45 / 148	45 / 148	47 / 155				
			All	167.4	147 / 483	147 / 483	154 / 505				
5.2 Warm Dim	3.94 in. (100 mm)	36 LEDs/ft (120 LEDs/m)	WARM DIM	55	252 / 826	252 / 826	263 / 863	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	8.8 RGBW/A	Warm Dim	Variable White	RGB/RGBW Addressable
IP20 IP65 IP68	IP20 IP65 IP68	IP20 IP65 IP68	IP20 IP65 IP68	IP20 IP65 IP68	IP20 IP65 IP68	IP20 IP65 IP68	IP20 IP65 IP68	IP20 IP65 IP68	IP20 IP65 IP68	IP20 IP65 IP68	IP67
N	N	N	N	N	N	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



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 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

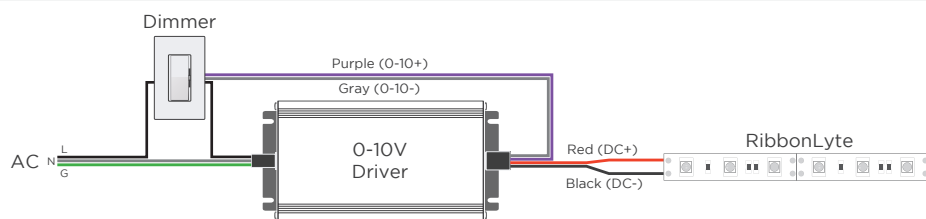
Part Number: DMXOS8

DRIVER AND RIBBONLYTE AT FULL LOAD

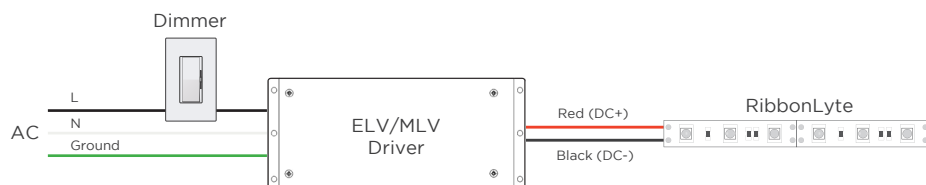
Wattages	30		60		96		150		200		240		300		320	
Wire Gauge	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters	Feet	Meters
24 AWG	14	4.27	9	2.74	5.5	1.68	3.75	1.14	2.75	0.84	2.25	0.69	1.75	0.53	1.75	0.53
22 AWG	22	6.71	14	4.27	9	2.74	5.75	1.75	4.5	1.37	3.5	1.07	2.75	0.84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

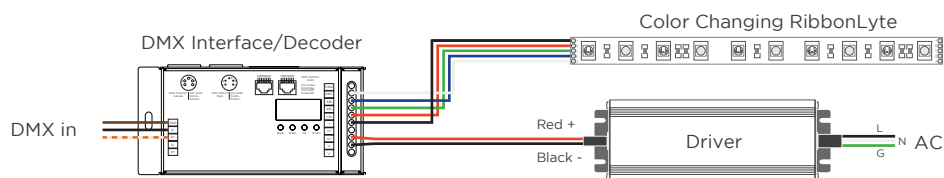
0-10V



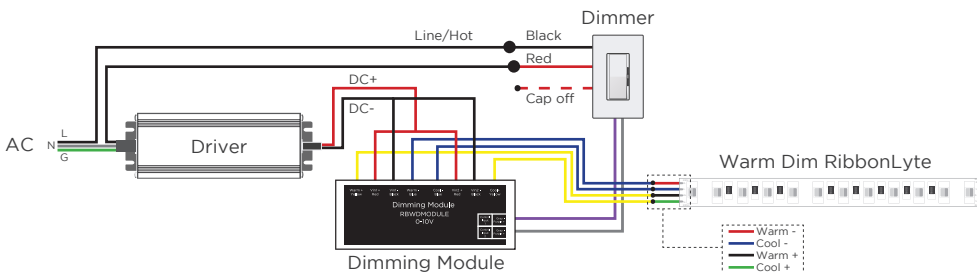
MLV / ELV



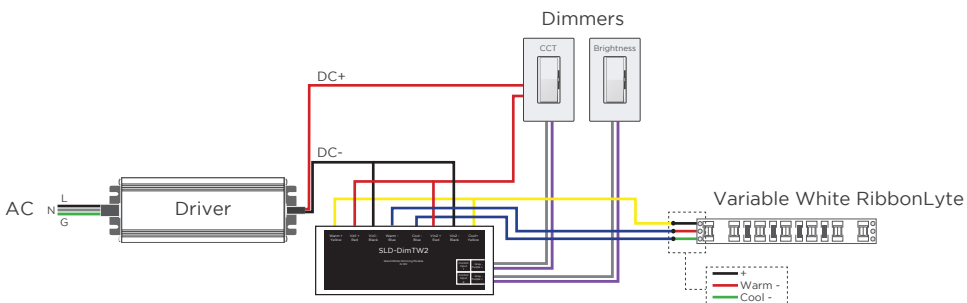
DMX



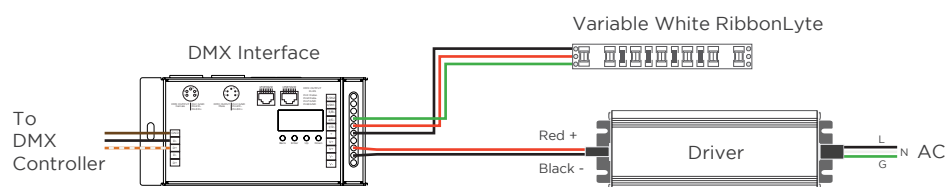
WARM DIM



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