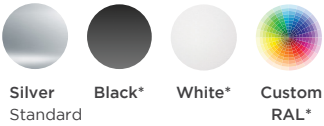


AS8 MICRO CHANNEL FIXTURE

This aluminum channel extrusion is only 0.2 in. (5 mm) wide and 0.2 in. (5 mm) deep. Use with a flat milky lens to create pinpoint lines of light in the tightest spaces.

- Available in custom cuts
- Beam angle 55 degrees
- 0.2 in. (5 mm) by 0.2 in. (5 mm)
- Flat milky lens

HOUSING FINISHES



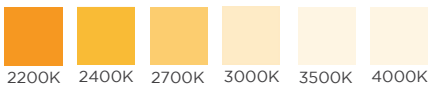
*Additional fee applies

AVAILABLE LENS FINISHES



Milky Lens
63% Light Transmission

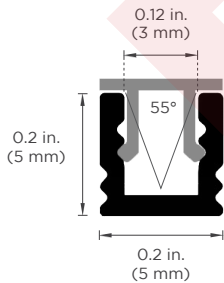
AVAILABLE COLOR TEMPERATURES



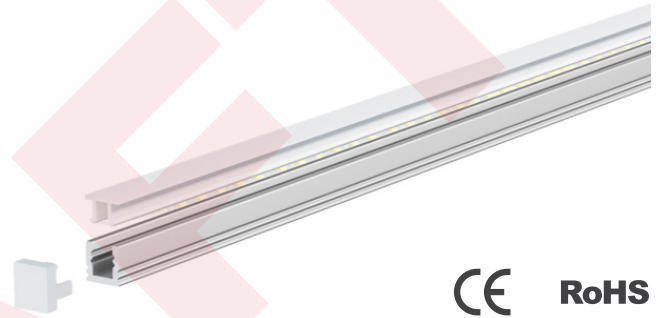
⚠ Product is in final stages of development. Specifications are preliminary targets subject to change before product launch.

DIMENSIONS

AS8 Micro Channel



Width: 0.2 in. (5 mm)
Height: 0.2 in. (5 mm)
Internal Width: 0.12 in (3 mm)



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

Product is in final stages of development. Specifications are preliminary targets subject to change before product launch.

SPECIFICATIONS

Beam Angle	55°
Lens Type	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	2200K, 2400K, 2700K, 3000K, 3500K, 4000K
CRI	90+ CRI
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

RIBBONLYTE SPECIFICATIONS & COMPATIBILITY

Available Wattages	Cutttable Length	LED Pitch	Color Temperature	lm/W without Lens	Delivered Lumens with Milky Lens	Max Length	Compatible with Channel IP20
3.0 Static White Micro S RibbonLyte	1.52 in. (38.5 mm)	55 LEDs/ft (182 LEDs/m)	2200K	72	136 lm/ft (447 lm/m)	9 ft 10.1 in. (3 m)	✓
			2400K	77	146 m/ft (477 lm/m)		
			2700K	81	153 lm/ft (501 lm/m)		
			3000K	84	159 lm/ft (522 lm/m)		
			3500K	87	164 lm/ft (537 lm/m)		
			4000K	92	175 lm/ft (572 lm/m)		

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ORDERING GUIDE

STEP 1 Complete Channel Part Number

CHANNEL	LENS	HOUSING COLOR	
CHAS8	M		
CHAS8 - AS8 Channel Fixture	M - Milky Lens	SV - Silver (default) BK - Black Consult factory for custom colors	WH - White

STEP 2 Complete RibbonLyte Part Number

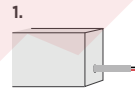
Category	CRI	Ribbon Type & IP Rating	Wattage & Color	
RB	90	SWMCS20		
RB - RIBBONLYTE	90 - 90+ CRI Static White	SWMCS20 - Micro Static White IP20	3.022 - 3.0 W/ft 2200K 3.024 - 3.0 W/ft 2400K 3.027 - 3.0 W/ft 2700K	3.030 - 3.0 W/ft 3000K 3.035 - 3.0 W/ft 3500K 3.040 - 3.0 W/ft 4000K

CONNECTION OPTIONS (See diagrams on the right)

Custom Length (ft.)

1

1 - End Feed Bare Wire Connection



Wire Length:
Standard 12 in. / Custom up to 20 feet

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

AVAILABLE DRIVERS

NON-DIMMING ELECTRONIC DRIVERS



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

Part No.:

- DRVV2430 (30 Watt)
- DRVV2460 (60 Watt)
- DRVV2496 (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.:

- DRVV24240 (240 Watt)
- DRVV24320 (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

ELV & MLV DRIVERS WITH COMPATIBLE DIMMERS



**60W, 96W, 150W, 300W
ELV/MLV Dimmable Drivers**

Part No.:

- DRVV2460ELVMLV (60 Watt)
- DRVV2496ELVMLV (96 Watt)
- DRVV24150ELVMLV (150 Watt)
- DRVV24300ELVMLV (300 Watt)

Line Voltage Dimmable Drivers
Output Voltage: 24 V
Voltage Range: 100-277 VAC
IP Rating: IP67
Dimmable
UL, CE, and CSA Listed



**DALI & Push Constant Voltage
Dimmable Drivers**

Part No.:

- DRV2430DALI (30 Watt)
- DRVV2460DALI (60 Watt)
- DRVV24100DALI (100 Watt)
- DRVV24200DALI (200 Watt)

- Dimming range: 0-100%, LED start at 0.1% possible
- Built-in DALI interface dimming function conforms to DALI Protocol IEC62386
- Push dimming function
- Rated IP67 for indoor and outdoor use
- Free air convection cooling
- Short circuit, overload and over temperature protections with automatic recovery



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



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

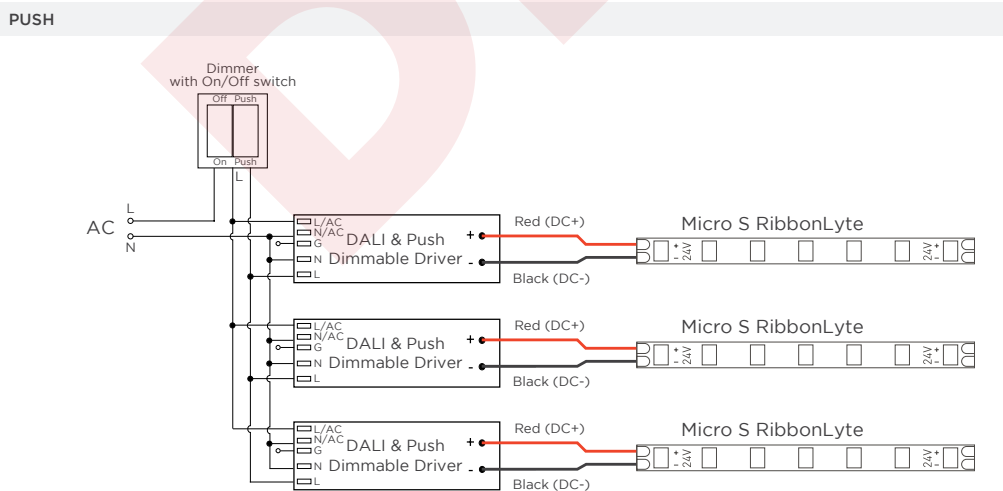
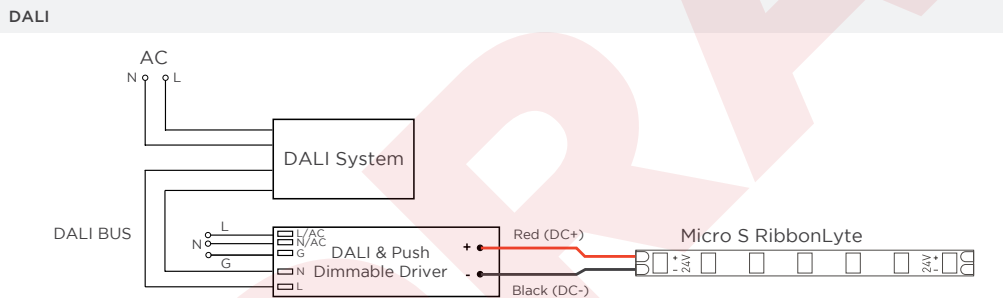
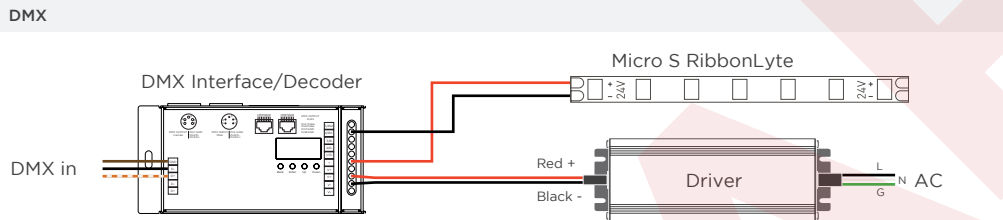
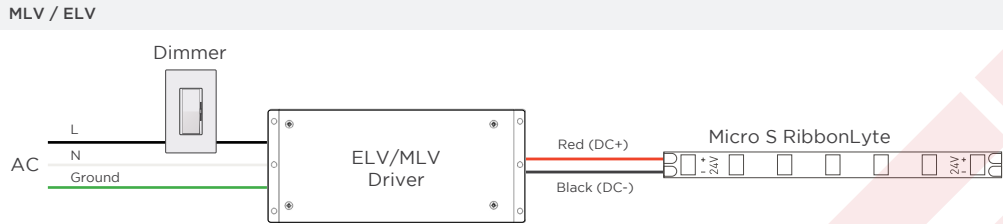
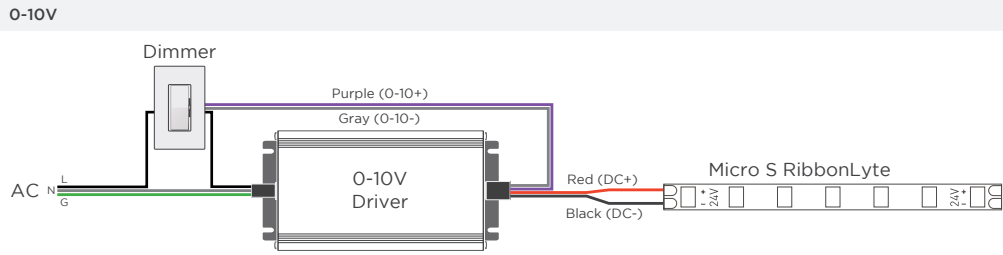
Part No.: LVDIMNOVA
 Width: 2.75 in (70 mm)
 Length: 4.56 in (116 mm)
 Depth: 0.30 in (7.6 mm)

- Compatible with 0-10 V Dimming Module
- Slide adjusts brightness and On/Off control
- 30 mA max control current
- Available in white finish

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	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 DIAGRAM



WIRE COLORS PER RIBBONLYTE COLOR

STATIC WHITE MICRO S
Red Wire (+) Positive
Black Wire (-) Negative