



Title 24
JA8 2016
Compliant

Application: Wall Mount



An arm mounted fixture for wall washing, task lighting, and general illumination.

FEATURES

- Wall or ceiling mounting.
- Field rotatable up to 290° degrees.
- Static white and variable white options.

PART NUMBER BUILDER

SERIES	DIAMETER	FINISH	COLOR	AIMING	ARM LENGTH	CANOPY	TYPE	WATTAGE	DIMMING	LENGTH
ARM = Arm	125 = Ø1.25"	SL = Satin Silver BZ = Deep Bronze Anodized ¹ MB = Matte Black Anodized ¹ WH = White Powder Coat ¹ CR = Custom RAL Powder Coat ¹ CH = Chrome ¹	18 = 1800K 23 = 2350K 27 = 2750K ⁵ 29 = 2930K ⁵ 35 = 3550K ⁵ 1835 = Variable White 1800K + 3550K ⁵ 1865 = Variable White 1800K + 6500K ⁵	CW1 = Ceiling/Wall, facing towards mounting surface CW2 = Ceiling/Wall, facing away from mounting surface	004 (ADA) = 4", max extension for ADA in wall configuration 006 = 6" 012 = 12" 024 = 24" CUS = Custom length, consult factory (24" max.)	LR = Large Round SR = Small Round LS = Large Square SS = Small Square	SI = Single COXX = Continuous Row Mount + Number of Sections ⁴ CE = Center Mount	20 = FLEX STP 2.0 40 = FLEX STP 4.0 70 = FLEX STP 7.0 58 = FLEX STP VW 5.8 ³	MLV = MLV ND = Non-Dim 010 = 0-10V System Dimming VIN = VintageDim® System 0-10V Dimming ² PDC = Pure DC™ Dimming DMX = DMX Dimming System LN2 = Lutron Hi-Lume® A-Series 2-Wire Dimming LN3 = Lutron Hi-Lume® A-Series 3-Wire/Ecosystem Dimming LNP = Lutron Hi-Lume® Premier 3-Wire/Ecosystem Dimming	XX = Custom Length (Inches)

1: Special order finishes. Additional charges and longer lead times may apply.

2: One option must be selected for Variable White colors.

3: Must be selected for 1835 & 1865 color options

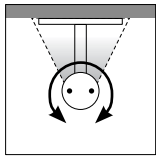
4: Cannot be used with Variable White.

5: JA8 when used with 0-10V, DMX, or Lutron Premier (LN3) dimming (FLEX STP 20 & 40 only).

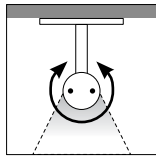
6: JA8 when used with DMX or VintageDim® (VIN) dimming (FLEX STP VW 5.8 only).

FUNCTIONALITY

AIMING OPTIONS (See PN Builder for details)

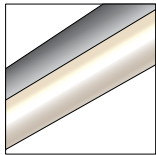


CW1

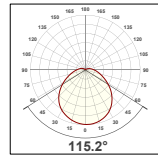


CW2

BLENDING/PHOTOMETRICS

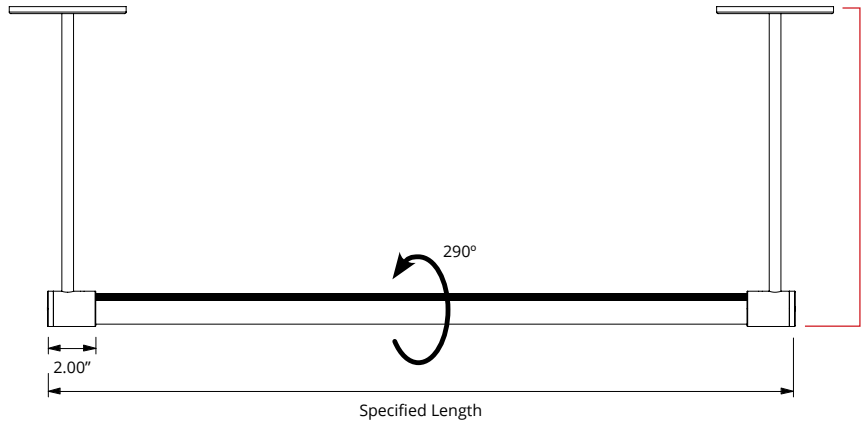


Lens Blending



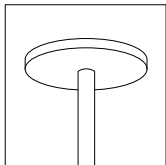
Beam Angle

ARM OPTIONS



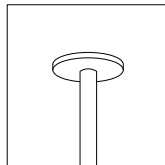
Arm Length
 • 4" - max extension for ADA Compliance in wall configuration
 • 6"
 • 12"
 • 24"
 • Custom length - consult factory (24" Max.)

CANOPY OPTIONS



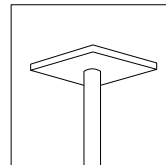
Large Round Canopy
 Ø 5.00"

Mounts to a standard 4" octagonal junction box. Power connection made in box.



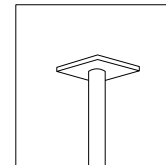
Small Round Canopy
 Ø 2.00"

Mounts directly to wall. 10' CL2P/CMP wire lead included for connection to remote driver.



Large Square Canopy
 5.00"

Mounts to a standard 4" octagonal junction box. Power connection made in box.



Small Square Canopy
 2.00"

Mounts directly to wall. 10' CL2P/CMP wire lead included for connection to remote driver.

ELECTRICAL

Input Voltage	24VDC
Dimming Options	<ul style="list-style-type: none"> • PURE DC™ • MLV • 0-10V • VintageDim® • DMX • Lutron (2-WIRE, 3-WIRE, EcoSystem)
Wire Size	18AWG, 2 wire; 20AWG, 3 wire
Certification	<p>ETL - Conforms to UL Std. 2108; Certified to CSA Std. C22.2 No. 9.0.</p> <p>Title 24 - Selected models are JA8 2016 compliant when used with 0-10V, DMX, VintageDim®, or Lutron Premier dimming.</p>

PHYSICAL

Operating Temperature	-20° C (-40°F) to +50°C (+122°F)
Environment	IP20 - Dry Location
Diameter	Ø 1 5/16"
Max Length	6.31'
Finish	Satin Silver Anodized, Deep Bronze Anodized ⁹ , Matte Black Anodized ⁹ , White Powder Coat ⁹ , Custom RAL Power Coat ⁹ , Chrome ⁹

9: Special order finishes. Additional charges and longer lead times may apply.

DELIVERED LUMENS

	2.0W	4.0W	7.3W
1800K	106.00 lm/ft	208.00 lm/ft	306.60 lm/ft
2350K	134.00 lm/ft	272.00 lm/ft	408.80 lm/ft
2750K	174.00 lm/ft ⁷	324.00 lm/ft ⁷	467.20 lm/ft
2950K	166.00 lm/ft ⁷	320.00 lm/ft ⁷	489.10 lm/ft
3550K	162.00 lm/ft ⁷	328.00 lm/ft ⁷	496.40 lm/ft
5.8W - 1800K-3550K			
Both colors at 100% (2829K)	284.00 lm/ft ⁸		
1800K only	113.60 lm/ft ⁸		
3550K only	175.20 lm/ft ⁸		
5.8W - 1800K-6500K			
Both colors at 100% (3556K)	284.00 lm/ft ⁸		
1800K only	113.60 lm/ft ⁸		
6500K only	168.80 lm/ft ⁸		

Note: Stated lumen values have a tolerance of +/- 10%.

7: JA8 2016 when used with 0-10V, DMX, or Lutron Premier dimming.

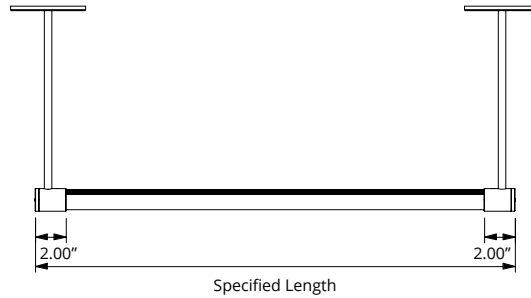
8: JA8 when used with DMX or VintageDim® (VIN) dimming.

PERFORMANCE

CRI	1800K = 90+, 2350-3550K = 95+, 6500K = 95+
Binning Tolerance	+/- 100K
Average LED Life	50,000 L70
Warranty	5 years

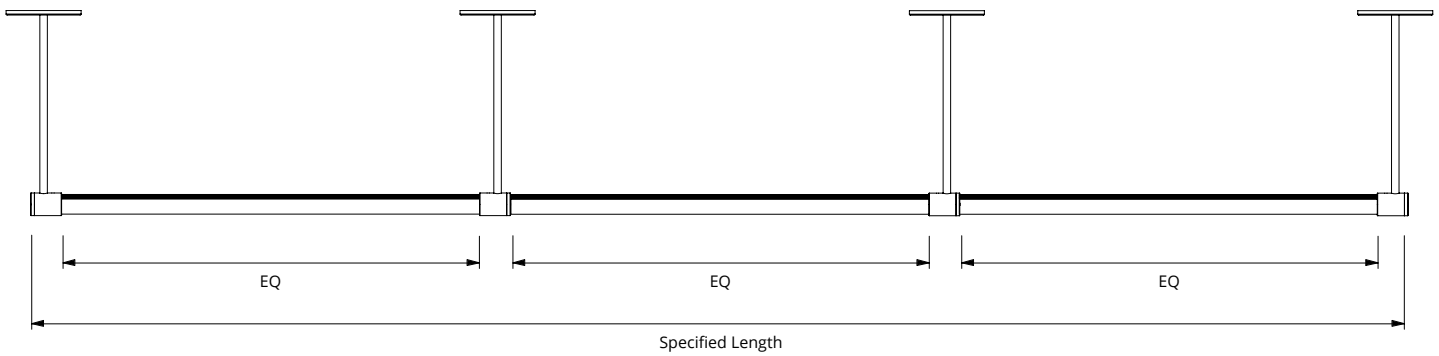
TYPES

① Single - Maximum overall length of 6.33' (6.00' luminous length).



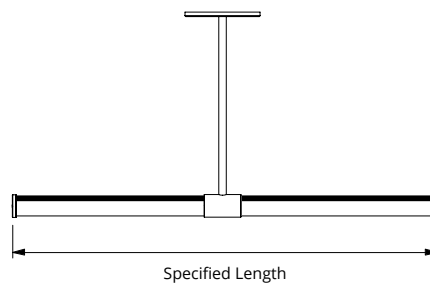
② Continuous Row Mount

- Unlimited run length with power refeeds
- Feed accessories provided as needed
- All sections built to equal length as standard. Contact factory for custom options.



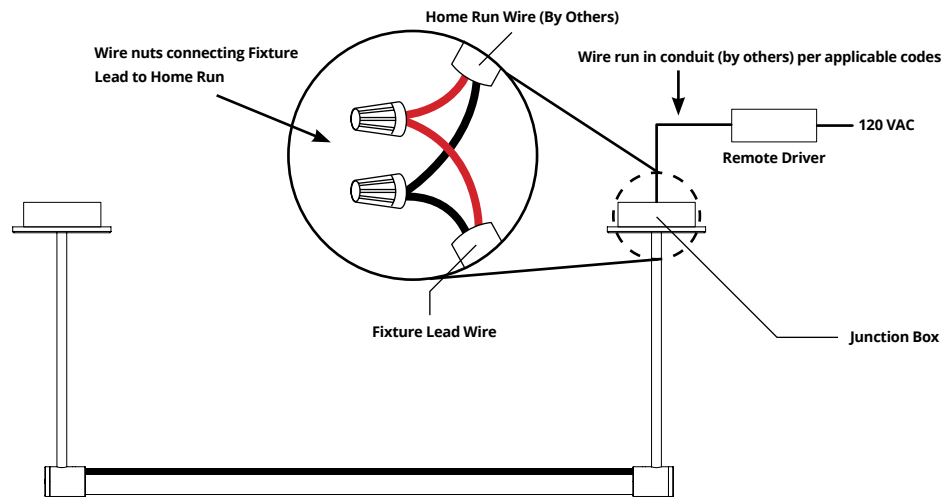
③ Center Mount

- Maximum overall length of 3.18' (1.50' luminous length per side)

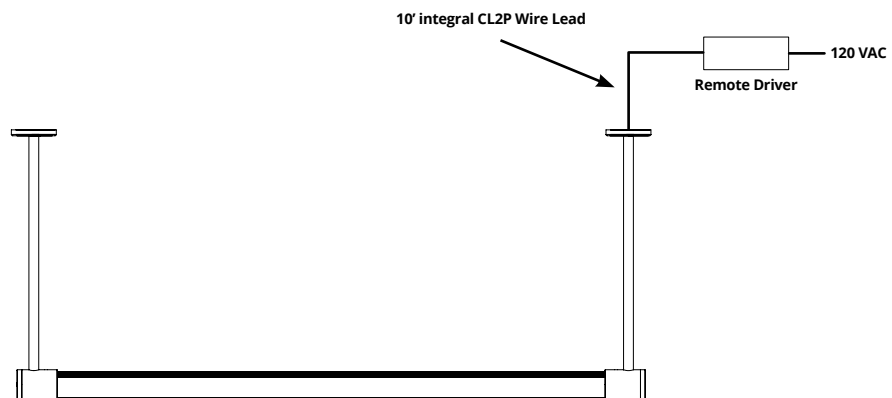


WIRING DIAGRAMS

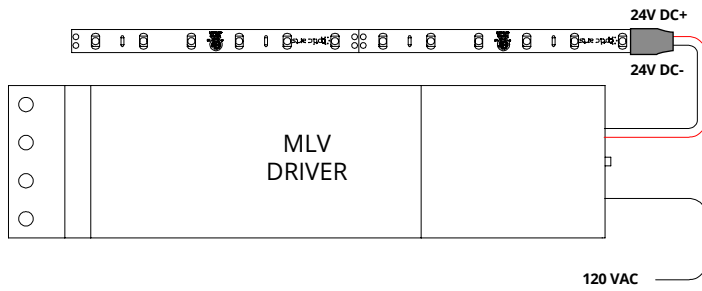
LARGE ROUND CANOPY



SMALL ROUND CANOPY



COMPATIBLE DRIVERS



MLV (MLV)

PART	DESCRIPTION
ML10S24VDC	10W 120VAC DIMMABLE DRIVER
ML20S24VDC	20W 120VAC DIMMABLE DRIVER
ML35S24VDC	35W 120VAC DIMMABLE DRIVER
ML35S24VDC-277	35W 277VAC DIMMABLE DRIVER
ML40S24VDC	40W 120VAC DIMMABLE DRIVER
ML50S24VDC	50W 120VAC DIMMABLE DRIVER
ML50S24VDC-277	50W 277VAC DIMMABLE DRIVER
ML60S24VDC	60W 120VAC DIMMABLE DRIVER
ML75S24VDC	75W 120VAC DIMMABLE DRIVER
ML75S24VDC-277	75W 277VAC DIMMABLE DRIVER
ML96S24VDC	96W 120VAC DIMMABLE DRIVER
ML96S24VDC-277	96W 120VAC DIMMABLE DRIVER
EM2-200S24DC	200W 120VAC DIMMABLE DRIVER, 2 96W CIRCUITS
EM3-300S24DC	300W 120VAC DIMMABLE DRIVER, 3 96W CIRCUITS
EM2-200S24DC-277	200W 120VAC DIMMABLE DRIVER, 2 96W CIRCUITS
EM3-300S24DC-277	288W 120VAC DIMMABLE DRIVER, 3 96W CIRCUITS

DIMENSIONS

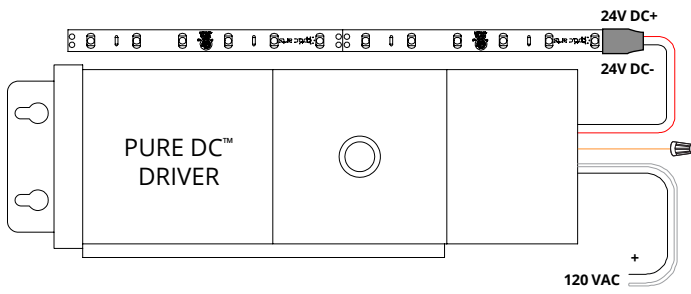
10W-50W	H 2.11"; W 7.38"; D 1.60"
60W-96W	H 3.93"; W 8.13"; D 1.59"
200-300W	H 5.69"; W 10.29"; D 3.13"

DIMMING PERFORMANCE

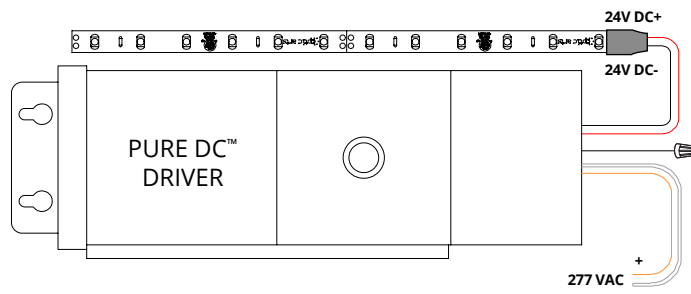
MLV DRIVER	Dims to 20% on most MLV dimmers
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Note: Must be loaded between 75%-100% of rated load to maintain FLEX DC warranty

120 VAC WIRING



277 VAC WIRING



PURE DC™ MLV (PDC)

PART	DESCRIPTION
PDC.40.24	40W 120/277VAC PURE DC™ MLV DIMMABLE DRIVER
PDC.96.24	96W 120/277VAC PURE DC™ MLV DIMMABLE DRIVER

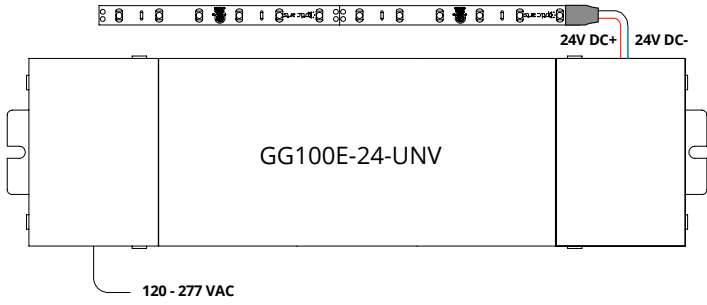
DIMENSIONS

40W	L 14.25"; W 3.00"; H 2.88"
96W	L 14.75"; W 4.31"; H 4.81"

DIMMING PERFORMANCE

PURE DC™ DRIVER	Dims to 0.1% on most MLV dimmers
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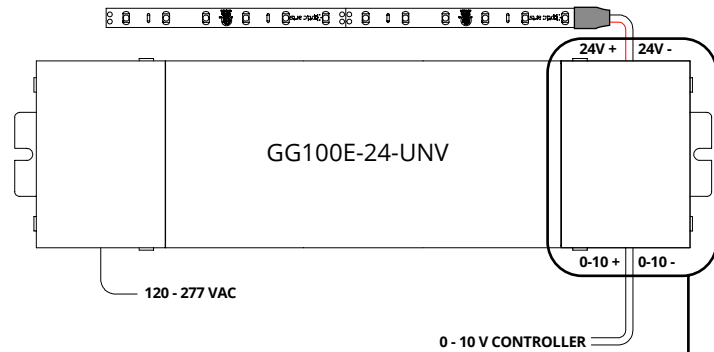
COMPATIBLE DRIVERS



ELECTRONIC DRIVER - NON-DIM (ND)

PART	DESCRIPTION
GG100E-24-UNV	96W 120-277VAC ELECTRONIC DRIVER
DIMENSIONS	
ELECTRONIC DRIVER	H 3.00"; W 11.46"; D 1.30"
DIMMING PERFORMANCE	
ELECTRONIC DRIVER	Non-Dim

1



ELECTRONIC DRIVER W/O-10V MODULE (010)

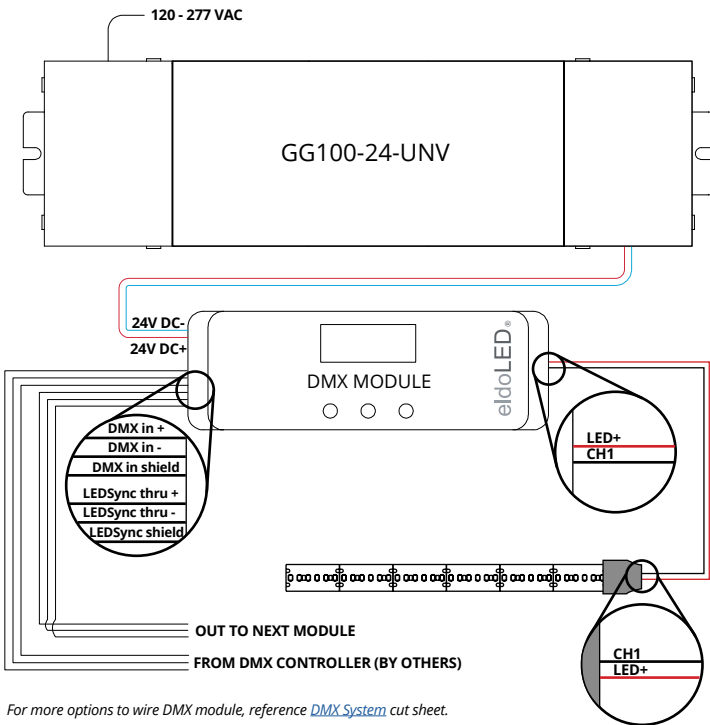
PART	DESCRIPTION
GG100E-24-UNV-010V	96W 120-277VAC ELECTRONIC DRIVER WITH 0-10V DIMMING MODULE (SINK)
DIMENSIONS	
ELECTRONIC DRIVER - 0-10V	H 3.00"; W 11.46"; D 1.30"
DIMMING PERFORMANCE	
ELECTRONIC DRIVER - 0-10V	Dims below 1% on most 0-10V dimmers

FIELD INSTALLED IN LOW VOLTAGE WIRING COMPARTMENT

- Install DIM-010V Module in low voltage wiring compartment.
- Max number of 25 modules on one dimmer. Consult dimmer datasheet for maximum device limitation of a specific controller.



COMPATIBLE DRIVERS

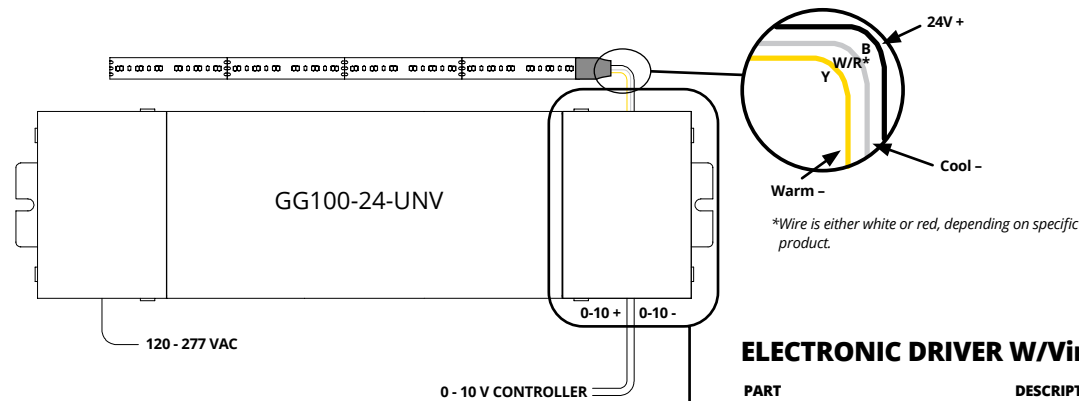


ELECTRONIC DRIVER W/DMX MODULE (DMX)

PART	DESCRIPTION
GG100E-24-UNV-DMX	96W 120-277VAC ELECTRONIC DRIVER WITH eldoLED DMX DIMMING MODULE
DIMENSIONS	
96W	H 3.00"; W 11.46"; D 1.30"
DMX MODULE	H 1.97"; W 6.02"; D 0.91"

**Must be installed in UL box (by others)*

DIMMING PERFORMANCE	
ELECTRONIC DRIVER - DMX MODULE	Dims to 0.1% on most DMX systems



ELECTRONIC DRIVER W/VintageDim® MODULE (VIN)

PART	DESCRIPTION
GG100E-24-UNV-W	96W 120-277VAC ELECTRONIC DRIVER WITH VINTAGEDIM® DIMMING MODULE STANDARD DIM TO WARM CURVE
GG100E-24-UNV-C	96W 120-277VAC ELECTRONIC DRIVER WITH VINTAGEDIM® DIMMING MODULE CUSTOM CURVE

DIMENSIONS	
ELECTRONIC DRIVER	H 3.00"; W 11.46"; D 1.30"
VintageDim® MODULE	H 1.56"; W 1.56"; D 0.78"

DIMMING PERFORMANCE	
ELECTRONIC DRIVER - VintageDim®	Dims below 1% on most 0-10V dimmers

FIELD INSTALLED IN LOW VOLTAGE WIRING COMPARTMENT

- Install VintageDim® Module in low voltage wiring compartment.
- Consult dimmer datasheet for maximum device limitation of a specific controller.

GRAY WIRE TO 0-10V CONTROLLER -
VIOLET WIRE TO 0-10V CONTROLLER +

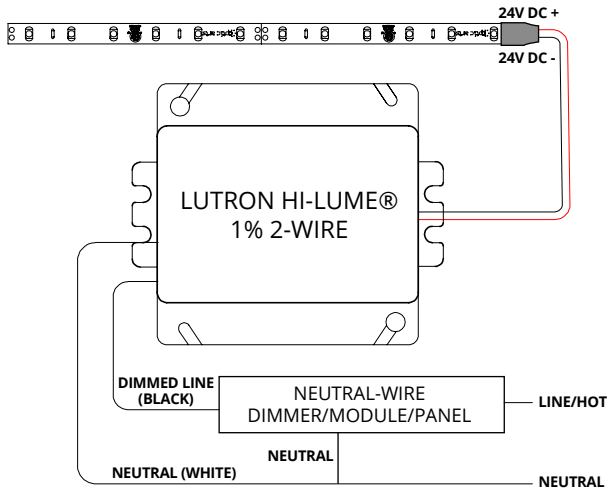
BLUE WIRE TO DC - OUTPUT OF DRIVER
RED WIRE TO DC + OUTPUT OF DRIVER

YELLOW WIRE TO LED (WARM) -
WHITE WIRE TO LED (COOL) -
BLACK WIRE TO LED +
BLACK WIRE TO LED +

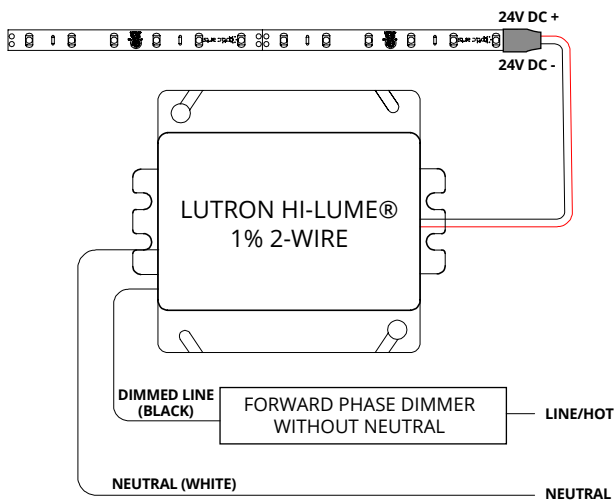
** Cap off one + wire unless using two separate strips*

COMPATIBLE DRIVERS

DIMMER WITH NEUTRAL



DIMMER WITHOUT NEUTRAL



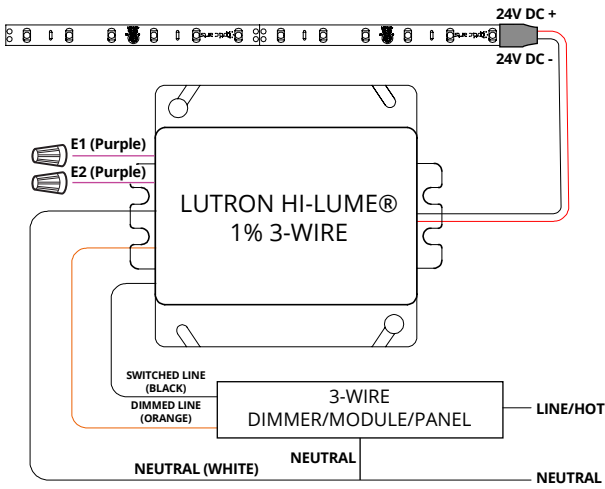
LUTRON HI-LUME® 1% 2-WIRE (LN2):
2-WIRE CONTROL FORWARD PHASE



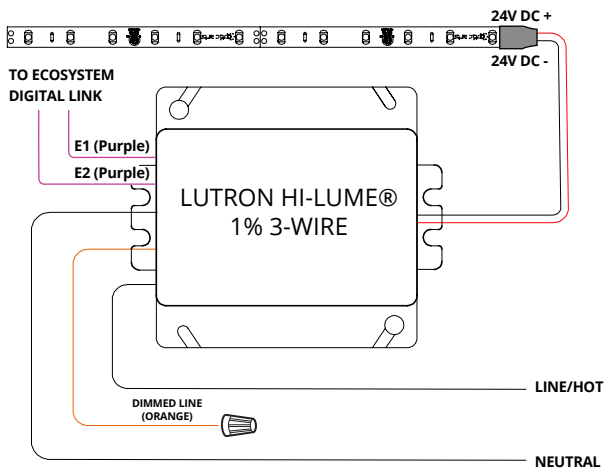
PART	DESCRIPTION
LTEA4U1UKL-CV240	5-40W, 120VAC, 2-WIRE FORWARD PHASE DRIVER
DIMENSIONS	
LUTRON HI-LUME® 1% 2-WIRE	H 4.00"; W 4.89"; D 2.62"
DIMMING PERFORMANCE	
LUTRON HI-LUME® 1% 2-WIRE	Dims to 1% with compatible Lutron controls

COMPATIBLE DRIVERS

3-WIRE



ECOSYSTEM

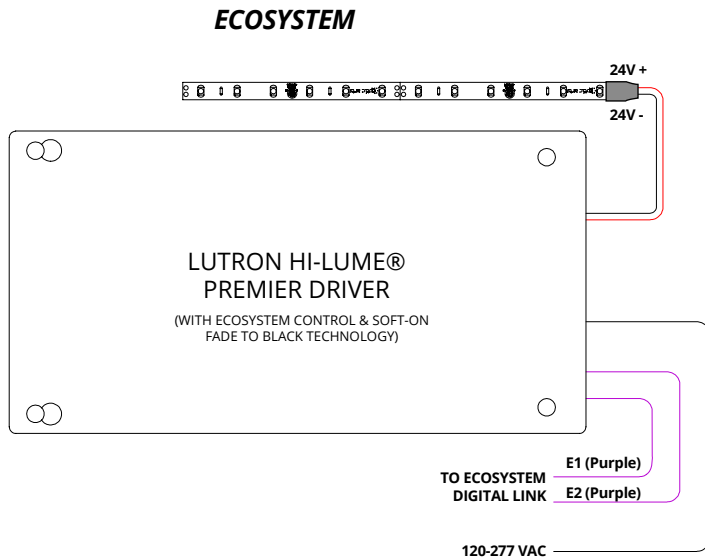
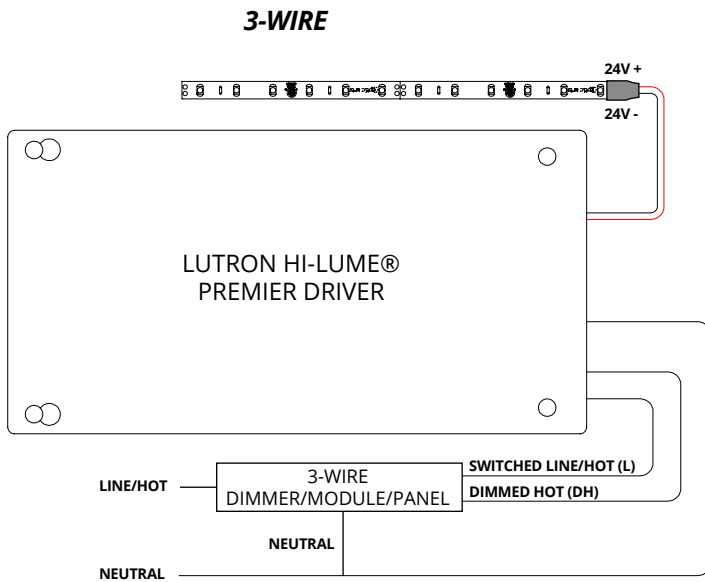


LUTRON HI-LUME® 1% (LN3):
3-WIRE/ECOSYSTEM



PART	DESCRIPTION
L3DA4U1UKL-CV240	5-40W, 120-277VAC, 3-WIRE/ECOSYSTEM DRIVER
DIMENSIONS	
LUTRON HI-LUME® 1% 3-WIRE/ ECOSYSTEM	H 4.00"; W 4.89"; D 2.62"
DIMMING PERFORMANCE	
LUTRON HI-LUME® 1% 3-WIRE/ECOSYSTEM	Dims to 1% with compatible Lutron controls

COMPATIBLE DRIVERS



LUTRON HI-LUME® PREMIER (LNP):
3-WIRE/ECOSYSTEM



PART	DESCRIPTION
L3D0-96W24V-U	2-96W, 120-277VAC, 3-WIRE/ECOSYSTEM DRIVER

DIMENSIONS	
LUTRON HI-LUME® PREMIER	H 5.5"; W 10.5"; D 2.0"

DIMMING PERFORMANCE	
LUTRON HI-LUME® PREMIER	Dims to 0.1% with compatible Lutron controls

NOTE: Lutron soft-on, fade to black technology available with Ecosystem Digital Control only.