

DRIVERS

MODEL NUMBER

Lutron L3DA

FIXTURE TYPE

FEATURES

APPLICATIONS	Low Voltage Lighting
PRIMARY VOLTAGE	120V-277V
SECONDARY VOLTAGE	12VDC or 24VDC
MAXIMUM WATTS	40VA (Watts)
FINISH	White
RATING	Indoor
CLASS	2
DIMMING LISTING	Phase Control (3 Wire) UL

ELECTRICAL

Hi-lume 1% EcoSystem/3-Wire Driver (L3DA) is a high-performance LED driver that provides smooth, continuous 1% dimming for virtually any LED fixture, primary voltage is 120-277 V⁻ at 50/60 Hz and secondary side is 12VDC or 24VDC. A rated life time of 50,000 hours @tc -149°F (65°C). Inrush current: < 2A. Minimum operating temperature ta = 32°F (0°C)

STANDARD 3 WIRE DIMMING PROTOCOL

Continuous, flicker-free dimming from 100% to 1%. Compatible with Energi Savr Node unit with EcoSystem, GRAFIK Eye QS control unit, PowPak dimming module with EcoSystem, and Quantum systems, allowing for integration into a planned or existing EcoSystem lighting control solution. Standard 3-wire, line-voltage phase-control technology for consistent dimming performance and compatibility with all Lutron 3-wire fluorescent controls.

NOT TO SCALE



Case Dimensions:
- 4.0" H x 4.89" W x 2.62" D

Side Knockouts:
- 8 locations: 0.5"
- 4 locations: 0.5" / 0.75"

Bottom Knockouts:
- 2 locations: 0.5"
- 2 locations: 0.5" / 0.75"

SPECIFY PRODUCT CODE (Use drop down menu to complete table or fill in the blanks)

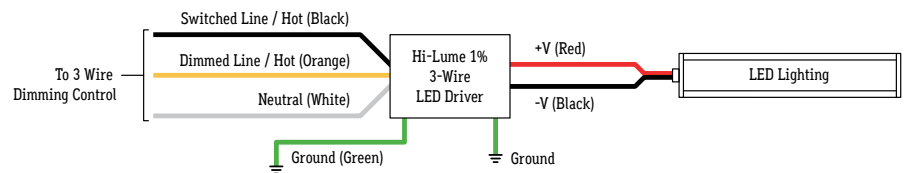
SERIES	
L3DA4U1UKL-CV240	Lutron Hi-lume 1% 24VDC Output
L3DA4U1UKL-AV120	Lutron Hi-lume 1% 12VDC Output

WIRING DIAGRAMS

L3D Models

3 Wire Controls

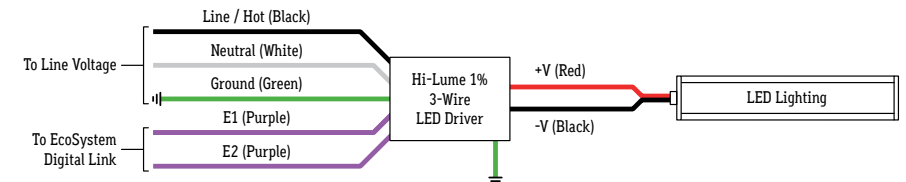
Note: Colors shown on diagram correspond to terminals on driver



L3D Models

EcoSystem Digital Controls

Note: Colors shown on diagram correspond to terminals on driver



MAXIMUM DRIVER TO LED WIRE LENGTH (Constant Voltage Drivers)

WIRE SIZE	MAXIMUM LEAD LENGTH	
	12VDC	24VDC
24 AWG	2.5'	4'
22 AWG	4'	6'
20 AWG	6'	10'
18 AWG	10'	15'
16 AWG	15'	25'
14 AWG	25'	40'
12 AWG	40'	60'



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