

LUTRON HI-LUME DRIVERS

Our LED systems are fully-integrated and compatible with UL Listed Lutron Hi Lume flicker-free control systems.

- 24V DC
- Dry or Damp location
- 40 W and 96 W models
- Dim to 1% with 40W model and dim to 0.1% with 96W model
- Line Voltage or Ecosystem Dimming
- 120 V (2-Wire Standard Forward Phase version)
- 120-277 V (3-Wire or Ecosystem version)
- 277 V applications require a suitable barrier between input and Class 2 wiring per local and national electric wiring codes
- Class 2 output
- NEMA 410 - 2011 compliant



Applications:

- | | | |
|---------------|---------------|-------------|
| Commercial | Hospitality | Residential |
| Entertainment | Museums | Retail |
| Healthcare | Public Spaces | |

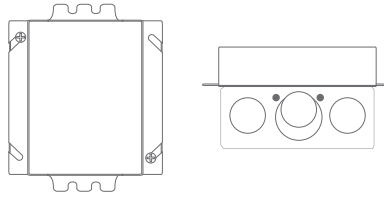


ORDERING GUIDE

Category	Voltage	Wattage	Input Voltage
DRVLUT	24		
DRVLUT - Lutron Premier Hi-Lume Driver	24 - 24 V	40 - 40 W 96 - 96 W (PREMIER 96W)	2 W - 2-Wire Forward Phase (120 V) (only available for 40W) 3 W - 3-Wire or Ecosystem (120-277 V)

SPECIFICATIONS

40W HI-LUME-24 V



*Distance between screw holes: 0.59 in (15 mm)

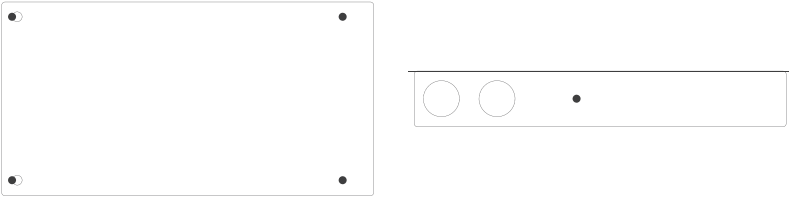
Output Voltage (DC)	24 V
Rated Output Current	1.67 A
Output Current Range	0.208 - 1.67 A
Rated Power	5 - 40 W
Minimum Load	5 W
Setup Rise Time	Turn-on time < 1 sec
Input Voltage Range (VAC)	120-277 V (3 Wire or Ecosystem) or 120 V (2-Wire)
Frequency Range	50 / 60 Hz
Power Factor	0.99 (0.96 or 277 V)
Efficiency (Typ.)	80%
AC Current (Typ.)	0.17 - 0.37 A
Inrush Current (Typ.)	< 2 A
Dimming Type	2-Wire or 3-Wire or EcoSystem
Dimming Level	Dims to 1% light level
PWM Dimming Frq.	550 Hz
Ambient Temperature	32 ° - 104° F (0° - 40° C)
Working Humidity	Max 90% non-condensing
Safety Standards	Lutron Quality Systems registered to ISO 9001.2008, UL 8750-listed, Class 2 output. Driver and junction box must be grounded in accordance with local and national electrical codes.
Dimensions	4.00 in x 4.00 in x 2.62 in (L x W x H) (206 mm x 99.8 mm x 40.4 mm)
Weight	1 lb

WIRE GAUGE CHART

MAXIMUM DISTANCE FROM DRIVER TO LED AT FULL LOAD

24 AWG	14 ft (4.27 m)
22 AWG	22 ft (6.71 m)
20 AWG	35 ft (10.67 m)
18 AWG	56 ft (17.1 m)
16 AWG	90 ft (27.4 m)
14 AWG	142 ft (43.3 m)
12 AWG	226 ft (68.9 m)

SPECIFICATIONS

SPECIFICATIONS	96W HI-LUME PREMIER 24 V
	 <p>*Distance between screw holes: 3.375 in (86 mm)</p>
Output Voltage (DC)	24 V
Rated Output Current	4.1 A
Rated Power	25 - 96 W
Minimum Load	25 W
Setup Rise Time	Turn-on time < 100 ms from electronic off and < 500 ms from power off
Input Voltage Range (VAC)	120-277 V (3-Wire or Ecosystem)
Frequency Range	50 / 60 Hz
Power Factor	0.99 (120 V), 0.97 (277 V)
Efficiency (Typ.)	85%
AC Current (Typ.)	--
Inrush Current (Typ.)	< 2 A
Dimming Type	3-Wire or Ecosystem
Dimming Level	Dims to 0.1% light level
PWM Dimming Frq.	Meets IEEEE1789 at all dim levels
Ambient Temperature	32 ° - 104° F (0° - 40° C)
Working Humidity	Max 90% non-condensing
Safety Standards	Lutron Quality Systems registered to ISO 9001.2008, UL 8750-listed, Class 2 output meets UL 1310 Driver and junction box must be grounded in accordance with local and national electrical codes.
Dimensions	10.5 in x 5.5 in x 2.0 in (L x W x H) (267 mm x 140 mm x 50 mm)
Weight	2 lb

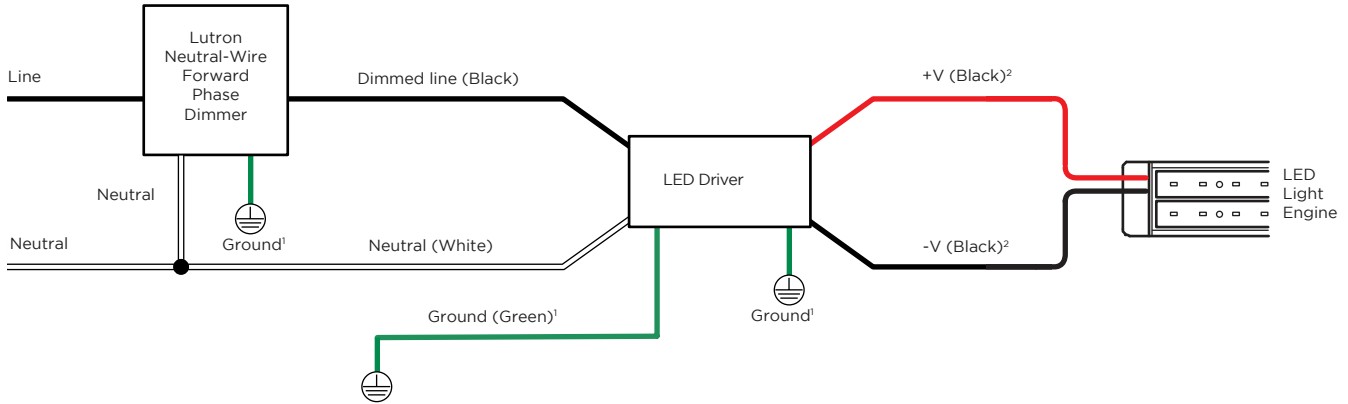
WIRE GAUGE CHART

	MAXIMUM DISTANCE FROM DRIVER TO LED AT FULL LOAD
24 AWG	5.5 ft (1.7 m)
22 AWG	9 ft (2.7 m)
20 AWG	14 ft (4.3 m)
18 AWG	23 ft (7.0 m)
16 AWG	37 ft (11.3 m)
12 AWG	59 ft (18.0 m)
10 AWG	94 ft (28.7 m)

SPECIFICATIONS

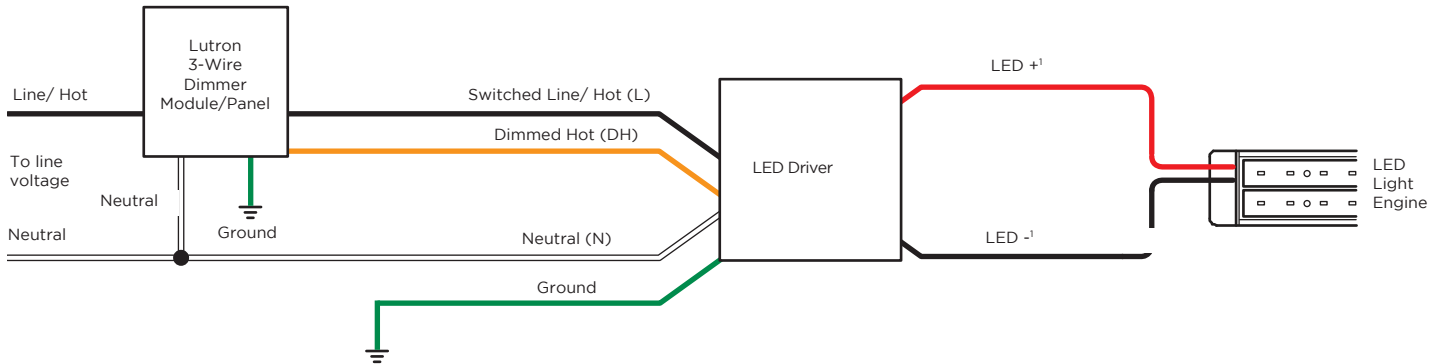
LUTRON HI-LUME 40W 2-WIRE FORWARD PHASE DIMMING

Note: Colors shown correspond to terminals on driver.



LUTRON HI-LUME 40W AND 96W 3-WIRE DIMMING

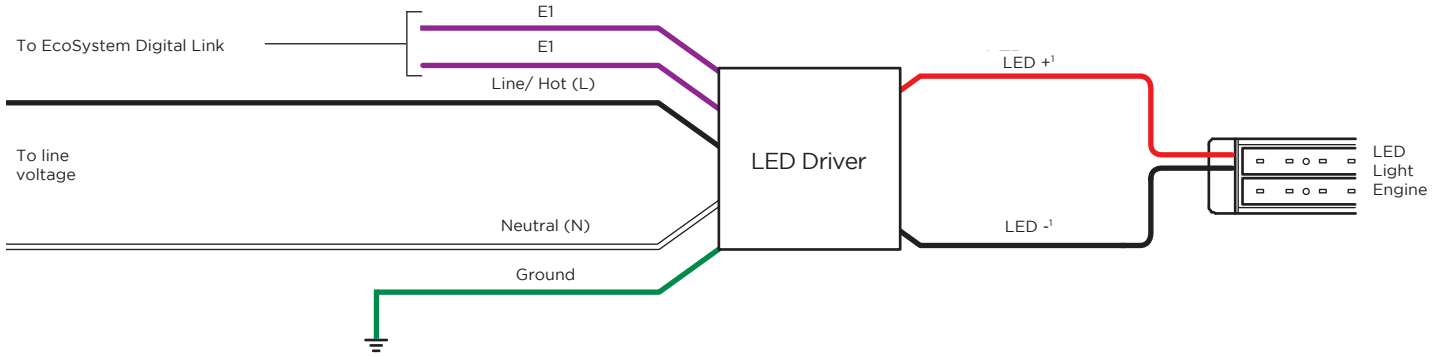
Note: Colors shown correspond to terminals on driver.



WIRING DIAGRAMS

LUTRON HI-LUME 40W AND 96W ECOSYSTEM DIMMING

Note: Colors shown correspond to terminals on driver.



LUTRON HI-LUME 40W AND 96W NON-DIMMING

Note: Colors shown correspond to terminals on driver.

