# **Power Supplies: Constant Voltage**



## **Wiring Diagrams**

# S (Non-dim, Non-Osram)



## D010 (Non-Osram)

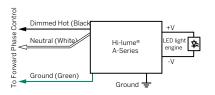


# OT96 (Osram)



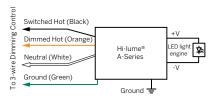
# | Dimming | Black (L) | VOLTAGE | 120-277 V AC | 50/601 | Pout (max): 96W | Vout: 24VDC (H) | RED | Pout (max): 96W | Vout: 24VDC (H) | Return (L) | RED | Pout (max): 96W | P

#### DFPN (1% Lutron forward phase with neutral)

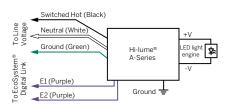


Note: Colors shown correspond to terminal blocks on driver

#### D3W (Lutron 1%, 3-wire)



## DES (Lutron 1% EcoSystem® digital)



Note: Colors shown correspond to terminal blocks on driver.

# Notes

- 1. Quantity of drivers varies with length of run and LED power level.
- $2. \ \ Refer to \ maximum \ wire \ distance \ chart \ for \ additional \ wiring \ requirements.$

# Maximum wiring distance\*

	Load per driver				
	Osram			Lutron	
Wire gauge	≤48W	≤72W	≤96W	≤40W	
#18AWG	37'	25'	18'	15'	
#16AWG	59'	39'	29'	25'	
#14AWG	95'	63'	47'	40'	
#12AWG	151'	101'	75'	60'	
#10AWG	241'	160'	120'	-	

Voltage drop guide for 24VDC. Actual Voltage drop to be calculated by installer

# **Power Supplies: Constant Current**



# **Wiring Diagrams**

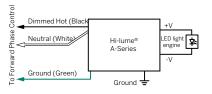
## S (Standard non-dim)



# D010 (EldoLED 0-10V)

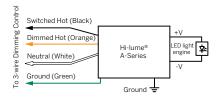


## DFPN (1% Lutron forward phase with neutral)

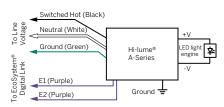


Note: Colors shown correspond to terminal blocks on driver.

## DW3 (Lutron 1%, 3-wire)



## DES (Lutron 1% EcoSystem® digital)



Note: Colors shown correspond to terminal blocks on driver.

#### **Notes**

- 1. Quantity of drivers varies with length of run and LED power level.
- 2. Refer to maximum wire distance chart for additional wiring requirements.

# Maximum recommended wiring distance\*

	Maximum Lead Length				
	Lut	EldoLED			
Wire gauge	200 mA to 700 mA	710 mA to 1.50 A	1.51 A to 2.10 A	1.51 A to 2.10 A	
#18AWG	30'	15'	10'	72'	
#16AWG	35'	25'	15'	118'	
#14AWG	50'	40'	25'	150'	
#12AWG	100'	60'	40'	200'	

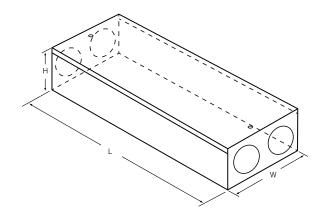
<sup>\*</sup>Voltage drop guide for 24VDC. Actual Voltage drop to be calculated by installer

# **Power Supplies**



# **Enclosures (remote)**

 $Standard\ enclosure\ supplied\ with\ products\ requiring\ remote\ power\ supply\ installation.$ 



Enclosure	L	W	Н
9"	9"	3.7"	2"
12"	12"	3.5"	2.1"
23"	23.25"	3.1"	2.25"