

## Dimmable LED Driver

- 4 Output Channels
- Universal input voltage 120 ~ 277 Vac
- LPS Output



Performance	
Input Voltage	120 ~ 277 Vac
Input Current	0.24 /120V 0.12/277V
Input Frequency	50 - 60 (Hz)
Power Factor	> 0.95
THD max	< 20 %
Output Voltage	41V
Output Current	150mA per Channel
Output Power	6.2W per Channel
Line Regulation	±3 %
Load Regulation	±5 %

Physical	
Length	9.50 in (241.3 mm)
Width	1.70 in (43.2 mm)
Height	1.18 in (30.0 mm)
Mounting Length	8.89 in (225.8 mm)
Weight	1.7 lbs.
Lead Lengths	
Blk, Wht. Blk/Wht	39 in. (317.5 mm)
Red(+), Blue(-)	18 in. (317.5 mm)

Environmental	
EMI and RFI	Meets FCC part 15 (Class A) Non-Consumer Limits
Operating Temperature	-30°C to 60°C (-22°F to 140°F)
Storage Temperature	-40°C to 85°C (-40°F to 185°F)
tc	85°C (185°F) max

Lead-wires are 18 AWG 105°C /600V solid copper.  
Output connector: Wago - 873-103/VE00-500

### Protection:

- Over voltage, Overload and short circuit, over temperature

### Safety:

- UL 1310

### 0-10V Dimming Interface

Analog 0 to 10 vDC Voltage Control

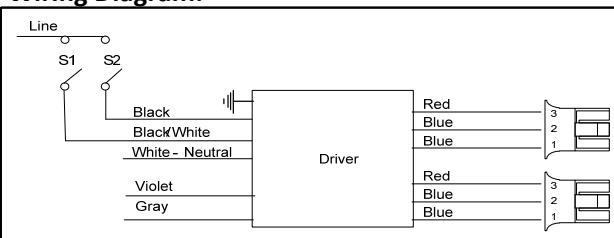
- 10v = maximum output
- 0v = minimum output
- 0-10V interface can be wired as Class 1 or Class 2 Circuit
- Driver will source a maximum of 250uA for control needs
- Built-in line voltage protection circuit: Deep-dimming condition when line voltage is applied to control leads

### Step Dimming

- 100% / 50% Maximum dim level

S1	S2	INPUT POWER
OPEN	OPEN	0%
OPEN	CLOSE	50%
CLOSE	OPEN	50%
CLOSE	CLOSE	100%

### Wiring Diagram:



### Control Wiring

- Use Violet (+) & Gray (-) for connection to 0-10vDC.
- Driver protected if line voltage is applied.
- Wiring Violet & Gray together provides 3% light output.
- Capping Violet & Gray separately provides 100% light output.

### Warranty:

Universal Lighting Technologies warrants to the purchaser that each power supply will be free from defects in material or workmanship for a period of 5 years from the date of manufacture when properly installed per instructions and under normal operating conditions of use. Call 1-800-225-5278 for technical assistance.

Application and operation performance specification information subject to change without notification.

