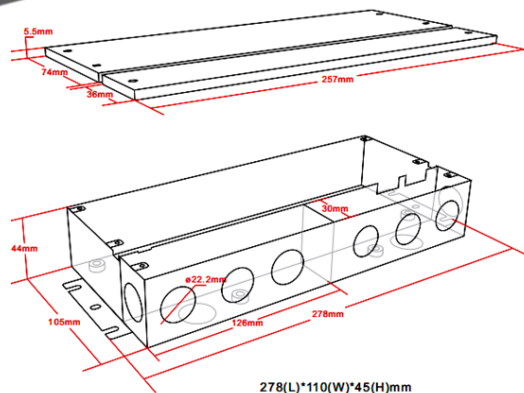


**Constant Voltage Dimmable LED Driver**

\* Image for reference only



Output	
DC Voltage	24V
Voltage Tolerance	±0.5V
Voltage Regulation	±0.5%
Rated Current	2 * 4A
Voltage Tolerance	±0.5V
Load Regulation	±1%
Rated power	192W (2*96W)

Input	
Voltage Range	100-277VAC
THD (Typ. @ Full Load)	<20%
AC Current (Typ.)	2.3A@100VAC
Frequency Range	47~63Hz
Inrush Current	19A, 1.4ms @ 120VAC; 38A, 960us @ 277VAC
Leakage Current	<0.50mA
Power Factor (Typ. @ full load)	0.99 @ 120VAC , 0.94 @ 277VAC
Efficiency (Typ. @ full load)	87% @ 120VAC , 89% @ 277VAC

Protection	
Over temperature	100°C±10°C shuts down o/p voltage, automatically recover after cooling
Short Circuit	Shuts down o/p voltage, re-power on to recover after fault condition is removed
Over Loading	≤120% Hiccup mode, recovers automatically after fault condition is removed.
Over Current	≤1.4*I out

Environment	
Working Temp.	-40°F ~ 140°F (-40°C to +60°C)
Working Humidity	20-90% RH, Non-Condensing
Storage Temp/Humidity	-40°F ~ 176°F(-40°C ~ 80°C) - Humidity 10~95% RH
Temp. Coefficient	±0.03%/°C (0°C~50°C)
Vibration	10~500Hz, 2G 10min / 1 cycle period for 60min. each along X,Y,Z axes

Safety & EMC	
Safety Standards	UL8750 - UL - cUL Listed - Class 2, Type HL Standard - FCC - NEMA 4X Rated
Withstand Voltage	I/P-O/P: 1.88KVAC
Isolation Resistance	I/P-O/P 100MΩ/500VDC/25°C/70%RH
EMC Emmission	FCC Part 15 B



Other Info	
Weight	2.2Kg
Enclosure Size (LxWxH)	10.94" x 4.33" x 1.77" (278mm x 110mm x 45mm)
Packaging	13.38" x 8.27" x 9.65" (340mm x 210mm x 245mm) - 10pcs/CTN G.W. :22.5KG/CTN
Warranty	7 Years - Limited Coverage
Features	Built-in PFC Function (PF>0.99) /Dimming range: 0~100%/Load: 10-100%/For dry, damp, and wet locations
Dimming	0-10V/1-10V/Potentiometer/10V PWM/Phase-Cut (forward phase, reverse phase/MLV, ELV, TRIAC)

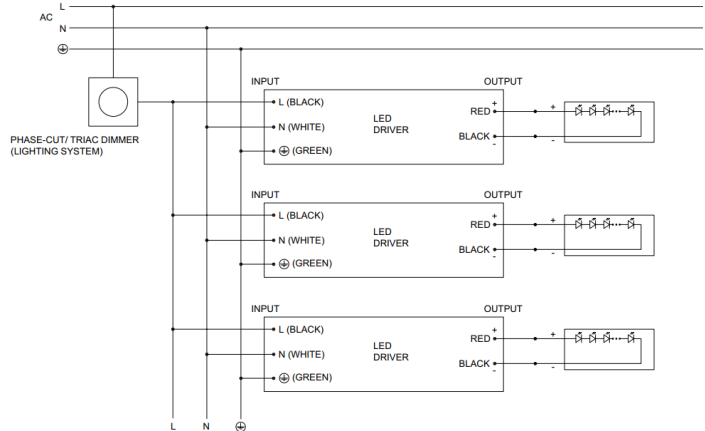
\*Notes:

1. All parameters NOT specially mentioned are measured at 110V/277VAC input , rated load and 25°C of ambient temperature.
2. Tolerance: includes set us tolerance, line regulation and load regulation .

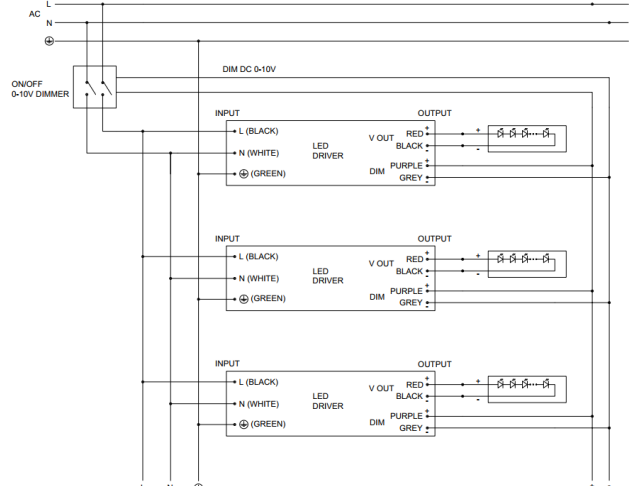
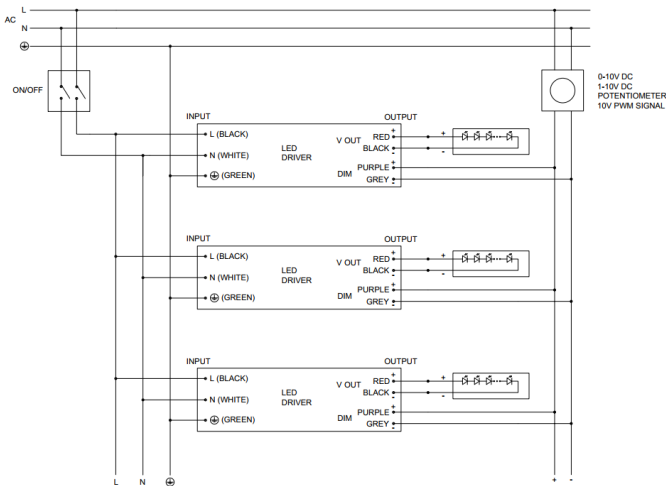
- Input wires Black and White to be connected to AC L and N, Green wire to be connected to ground
- Output wire Red to LED Positive side (+), Black to LED Negative side (-)
- Dimming cable DIM (+) Purple to 0/1-10V dimmer signal(+), DIM (-) Grey to 0/1-10V dimmer signal (-)
- Please make sure you connect these correctly otherwise your product will not function correctly and could be damaged

**Using TRIAC/Phase Cut dimming**

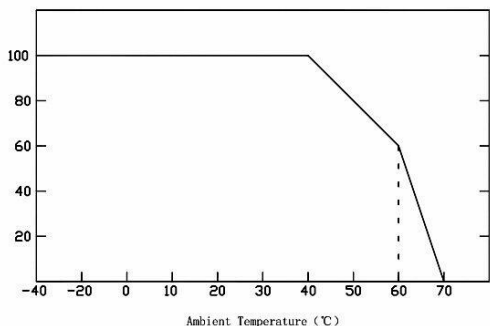
1. The Pulse-Width Modulation (PWM) output voltage can be adjusted through the input terminal of the AC phase line (L) by connecting a phase/TRIAC dimmer (lighting system).
2. Works with forward phase/leading edge, MLV and reverse phase/trailing edge, ELV, and TRIAC dimmers.
3. Please try to use dimmers with power at least 1.5 times the output power of the driver.



**Using 1-10 / 1-10V dimming**



**Derating Curve**



Load carried in accordance with the derating curve, according to the ambient temperature, in order to extend the working life.

**Instructions**

1. This driver should be installed by a qualified and professional person;
2. Make sure the driver is installed with adequate ventilation to allow for heat dissipation;
3. Ensure all wiring is correct before testing in order to avoid light and power supply damage;
4. If the dimmable LED drivers do not perform normally, do not maintain privately. Contact us at: support@glls.com or 1-888-580-6366

5. Websites: [www.glls.com](http://www.glls.com) or [www.ledneonflex.com](http://www.ledneonflex.com)