



■ Features:

- Output constant current
- Range AC input : 180-250VAC
- Built-in PFC function
- Efficiency: up to 83%
- Protections: short circuit & over loading
- Full protection plastic housing easy installation
- IP20 design for indoor installation
- Cooling by free air convection
- Work with leading edge and trailing edge TRIAC dimmers
- Strong compatibility, flicker-free dimming
- Suitable for LED lighting and moving sign applications
- Indoor use (IP20)

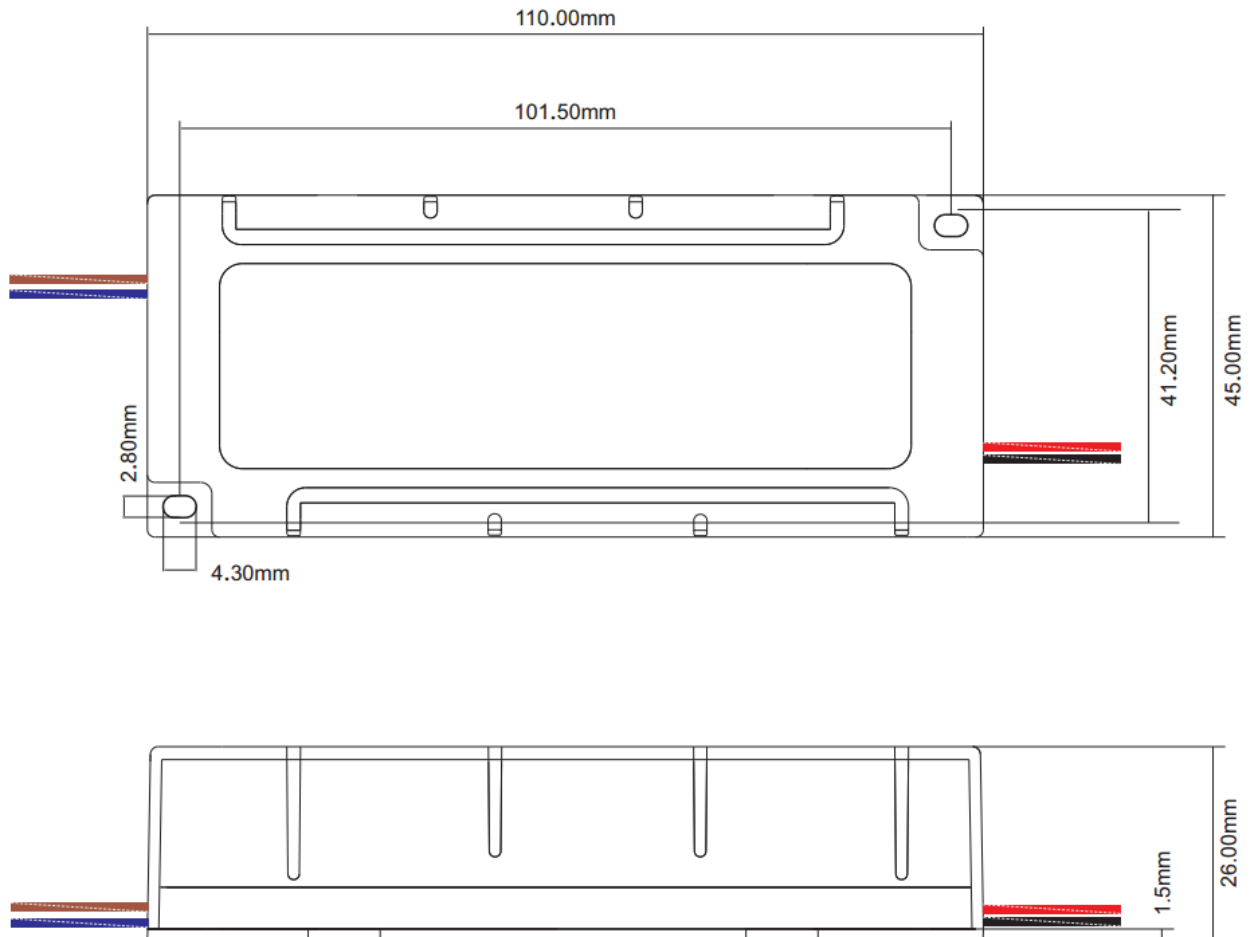
■ Specification



Model		6603264, KI-42960-TDE
Output	Rated current	960mA
	Current Tolerance	±5%
	Voltage Range	30-42V
	Rated power	40.32W
Input	Voltage Range	180-250VAC
	Frequency Range	47-63HZ
	Power Factor	PF ≥ 0.98@230VAC
	Full Load Efficiency	83%@230VAC
	AC Current (Max.)	0.25A
	Leakage current	<0.50mA
Protection	Short Circuit	Hiccup mode, recovers automatically after fault condition is removed
	Over Load	≤120%
	Protection Class:	II
Environment	Working temp.	-20 ~ +60°C
	Working Humidity	20-90%RH, non-condensing
	Storage Temp/Humidity	-20-+80°C, 10-95%RH
	Temp. coefficient	±0.03%/°C (0-50°C)
	Vibration	10 - 500Hz, 2G 10min./1 cycle, period for 60min.each along X,Y,Z axes.
Safety & EMC	Safety standards	EN61347-1 EN61347-2-13
	Withstand voltage	I/P-O/P:3.75KVAC
	Isolation resistance	I/P-O/P:100MΩ/500VDC/25°C/70%RH
	EMC EMISSION	EN55015, EN61000-3-2,3 (≥60%loading)
	EMC IMMUNITY	EN61000-4-2,3,4,5,6,11, EN61547, A light industry level (surge4KV)
Others	Net.Weight	0.15Kg
	Size	110*45*26mm(L*W*H)
	Packing	20pcs /CTN
Notes	1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. 2. Tolerance: includes set us tolerance, line regulation and load regulation.	

3. The power supply is considered as a component that will be operated in combination with final Equipment. Since EMC performance will be affected by the complete installation, the final equipment manufacturers must be-qualif EMC Directive on the complete installation again

■ Mechanical Specification



※Input with Live Wire AC (L), Neutral Wire AC(N)

※Output LED SEC output Positive (LED+) , output negative(LED-). Connected to LED Lamps.

※ Please make sure you connect these correctly otherwise your product will not function correctly and could be damaged.

※Note: Any other requests we can customized.

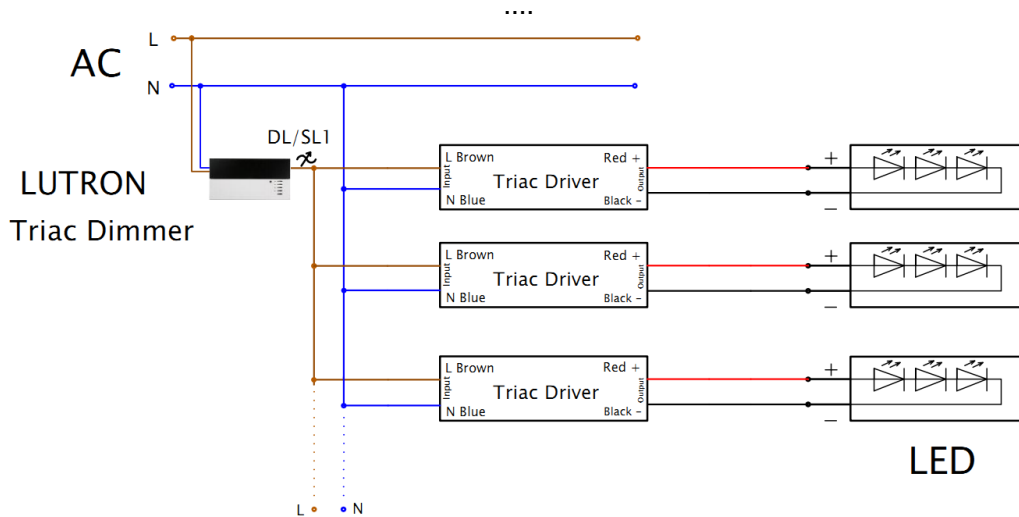
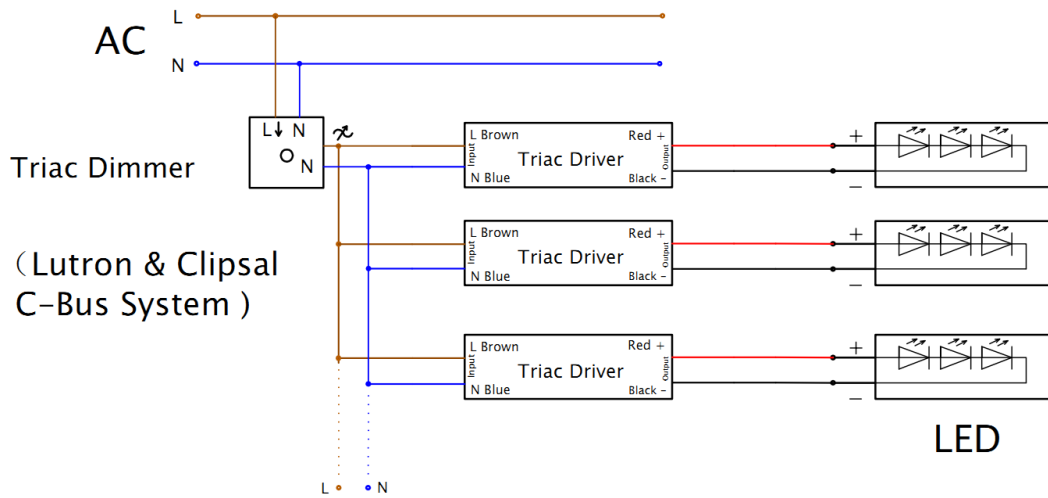
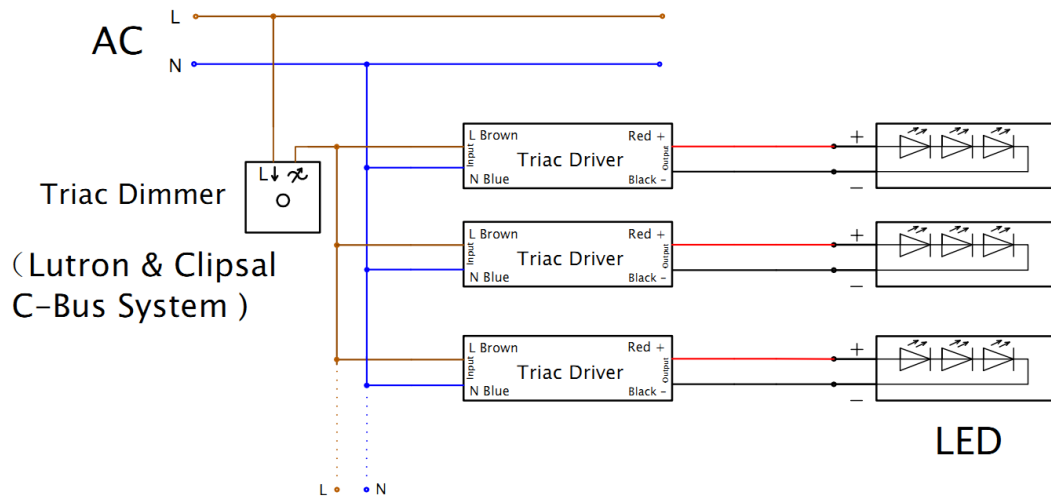
■ Dimming Operation

※Output constant current level can be adjusted through input terminal of the AC phase line(L) by connection a triac dimmer.

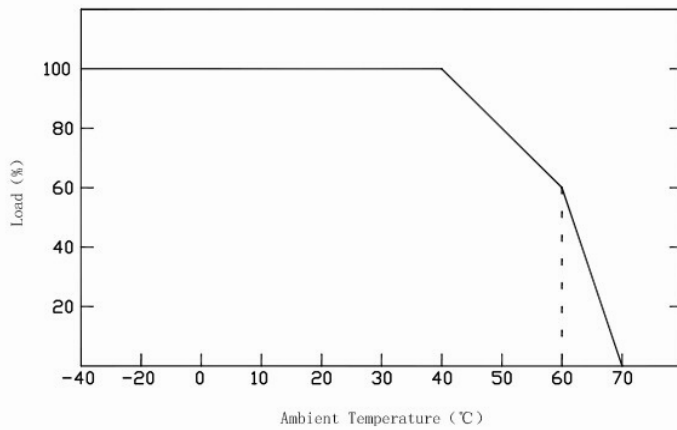
※Compatible with Leading edge or trailing edge triac dimmers.

※please try to use the small power dimmer, have access to a wider dimming range, high-power dimmer is difficult to achieve the output current to zero.

■ Connecting Diagram



■ Derating Curve



※To extend their life, please refer to the Derating Curve and derate according to the temperature.

■Instruction:

- 1) This driver should be installed by qualified and professional person;
- 2) Please make sure the transformer is installed with adequate ventilation around it to allow for heat dissipation.
- 3) Ensure that wiring is correct before test in order to avoid light and power supply damage;
- 4) If driver cannot work normally, don't maintain privately.