

■ Features

- Power Rating: 54.6-60W
- Input Voltage: 120-277Vac
- Constant current design
- Fixed output current(1050mA-1500mA)
- Efficiency to 87%
- 0-10V Dimming
- SCP, OCP, and Over-load Protection
- UL Class P / Class 2
- IP65
- 5-year warranty



*Product images are for illustrative purposes only and may vary from actual design.

■ Application

- Indoor or outdoor lights
- Dry and damp locations

■ Model List*(See part number scheme for model number details)

Model Number	Input Voltage Range	Output Power	Output Voltage	Output Current Min.	Output Current Max.	Efficiency	Certification
L6WCD060S105PS	120~277Vac	54.6W	30-52V	1050mA	1050mA	87%	UL/cUL
L6WCD060S110PS	120~277Vac	57.2W	30-52V	1100mA	1100mA	87%	UL/cUL
L6WCD060S115PS	120~277Vac	59.8W	30-52V	1150mA	1150mA	87%	UL/cUL
L6WCD060S120PS	120~277Vac	60W	30-50V	1200mA	1200mA	87%	UL/cUL
L6WCD060S125PS	120~277Vac	60W	30-48V	1250mA	1250mA	87%	UL/cUL
L6WCD060S130PS	120~277Vac	59.8W	30-46V	1300mA	1300mA	87%	UL/cUL
L6WCD060S135PS	120~277Vac	59.4W	30-44V	1350mA	1350mA	87%	UL/cUL
L6WCD060S140PS	120~277Vac	58.8W	24-42V	1400mA	1400mA	87%	UL/cUL
L6WCD060S145PS	120~277Vac	59.5W	24-41V	1450mA	1450mA	87%	UL/cUL
L6WCD060S150PS	120~277Vac	60W	24-40V	1500mA	1500mA	87%	UL/cUL

■ Technical Data

Input voltage range	120~277Vac
Line Frequency	50/60Hz
Inrush current	≤80A
Line current	≤0.65A@120Vac, 0.3A@277Vac
Efficiency	87%
Standby Power	≤1W
Max Output Power	60W
Output voltage ripple	<5V
Output current accuracy	±5%
Line Regulation	±5%

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■ Technical Data(cont.)

Load Regulation	±5%
Temperature Drift	±10%
Start Up time	<500mS
Dimming digital	0-10V Analog voltage
Open Circuit Protection	Open Circuit Voltage Max. 63V
Short Circuit Protection	Automatic Recovery
Operation temperature	-40°C to 40°C
Storage Temperature	-40°C to 85°C
Operating Humidity	5% to 95%
Storage Humidity	5% to 95%
Case size	154x43x26mm
MTBF	50,000 hours at 25°C ambient temperature
Net weight	240g
Packing	60pcs/carton

1. All the parameters are typical value under the environment temperature 25°C and full load

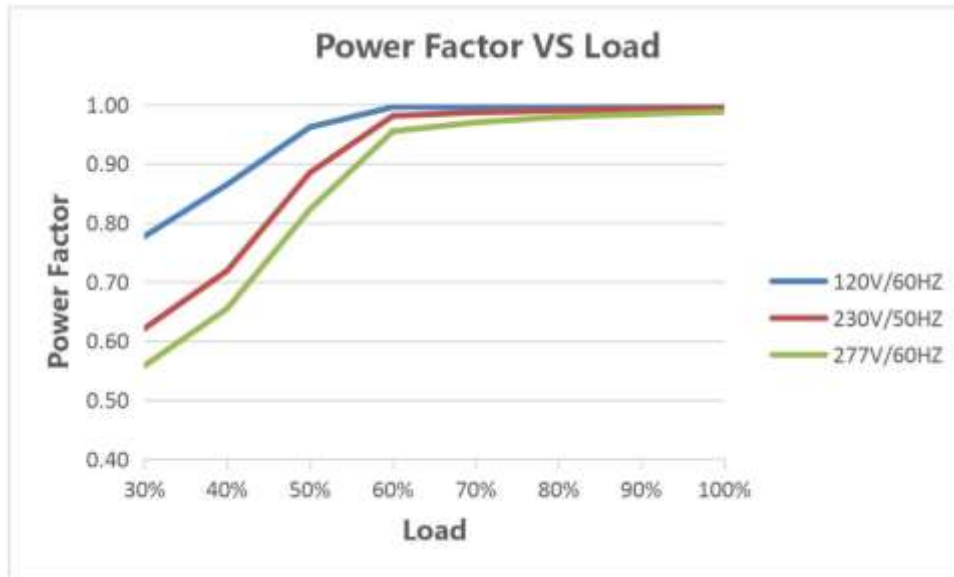
■ Safety Compliance

Safety Standards	UL & FCC & Class P
Withstand Voltage	I/P-O/P: 1.6KVac, 5mA, 60S
Insulation Resistance	I/P-O/P 500Vac, >100MΩ
Surge Rating	IEC61000-4-5(Indoor A2 2.5kV Ring wave)
EMC	Meet to FCC Part 15B, EN61000-4-2,3,5,6,8,11 EN61000-3-2

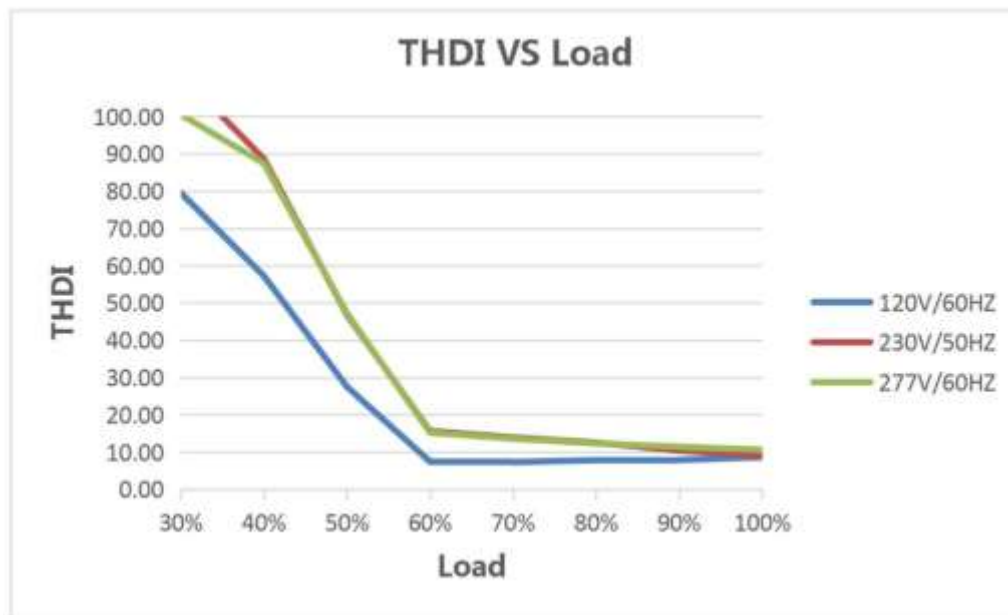
Disclaimer:

Autec Power Systems' (Autec) LED Drivers are Hi-Pot tested during the manufacturing process. Autec assumes no responsibility for secondary Hi-Pot testing at customer location or designated production line(s). Should customer require further Hi-Pot testing, at their own production line, following assembly of the LED Driver into the customer's assembled fixture, Autec requests advance notice. This request must be communicated to Autec in a timely manner and is recommended to be requested at time of issuing each purchase order.

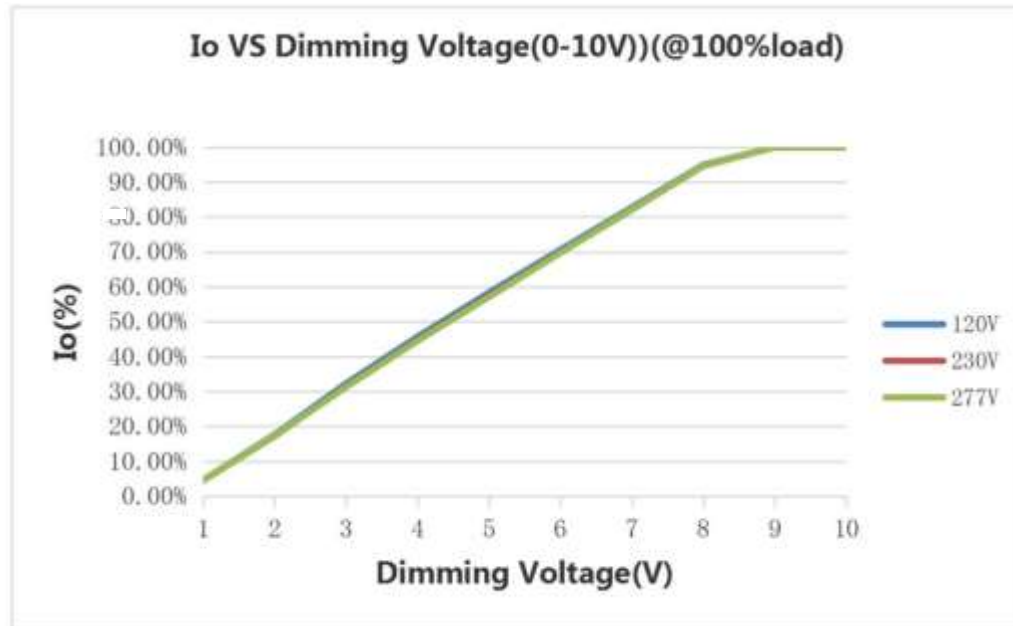
■ **Power factor vs Load**



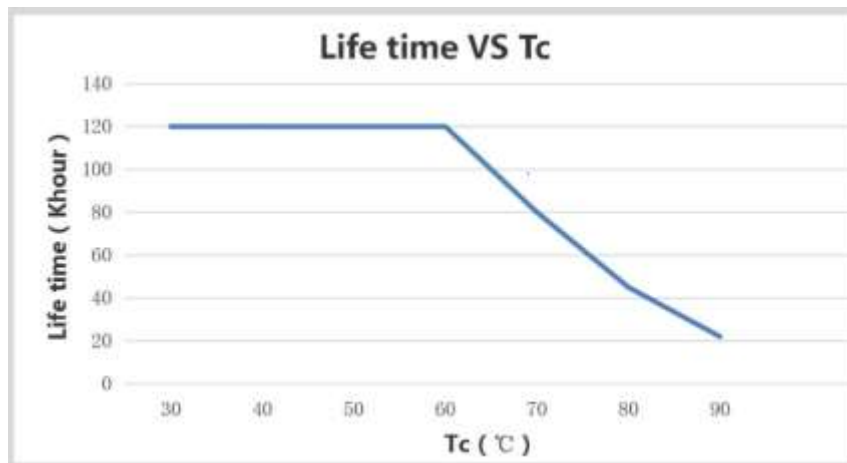
■ **THD vs Load**



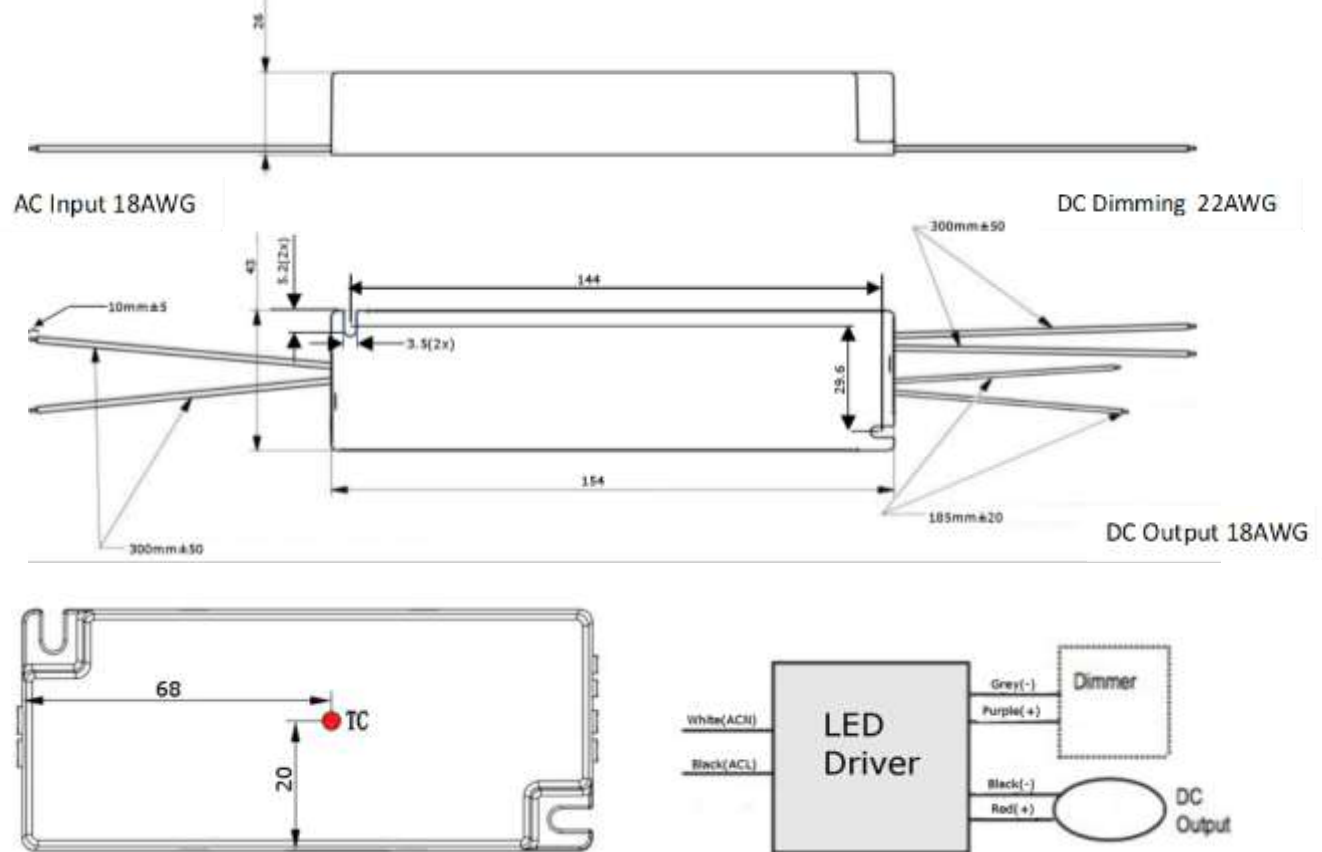
■ Dimming



■ Lifetime vs Case Temperature

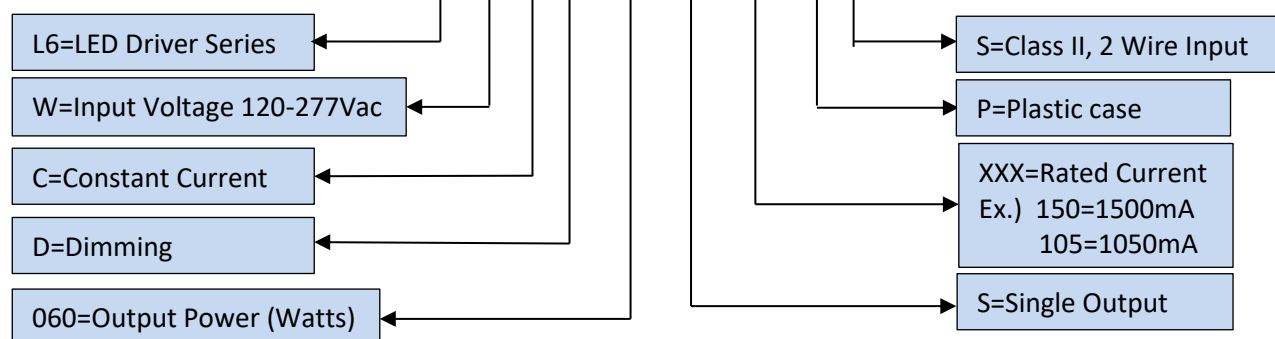


■ **Mechanical Diagram**



Part Number Scheme

L6 W C D 060 S XXX P S



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4*Specifications are subject to change without notice. Autec is not responsible for issues arising from errors or omissions.

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