

■ Features

- Power Rating: 60W
- Input Voltage: 100-277Vac
- Constant Voltage design
- Output current (0-5000mA)
- Efficiency up to 88%
- Short Circuit Protection
- 0-10V/PWM dimming
- 5-year warranty
- Surge Immunity: Ln-Ln 1KV; Ln-Earth 2KV



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

■ Application

- 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
LFWVD060S012ST-L	100-277Vac	60W	12V	0mA	5000mA	88%	UL/cUL
LFWVD060S024ST-L	100-277Vac	60W	24V	0mA	2500mA	88%	UL/cUL

■ Technical Data

Input Voltage	100-277Vac
Input Frequency	50/60Hz
Input Current	720mA Max.@100Vac
Inrush current	Not to exceed 60A at full load, cold start
Power Factor	0.95
No load Voltage	25.2Vdc
Output Current	0-5000mA
Leakage Current	0.25mA
Output Voltage Accuracy	5%
Ripple and Noise	0.24Vp-p
Dimming Range	0-100%
Turn On Delay Time	1s
LED Disconnection Protection	No damage will occur to the driver after the fault is removed, hiccup mode
Short-Circuit Protection	The Driver's input power will decrease to less than 5W, when short circuit occurs. The driver will auto-recover when the fault is removed

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■ Technical Data(cont.)

Operating Temperature	-20°C to +55°C
Relative Humidity	10%-90%
Altitude	Sea level to 2000m
Vibration	1.0mm, 10-55Hz, 15min per cycle for each axis
Cooling	Natural Convection cooling
Storage Temperature	-30°C to 70°C
Storage Humidity	10%-90%
MTBF	50,000 hours
Burn-In	4 hours
Dimensions	346x30x23.4mm
Packing	40pcs/carton; carton dimensions: 390x320x165mm

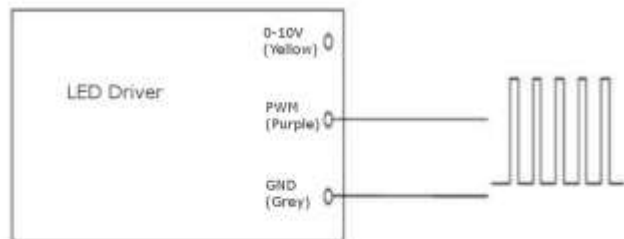
■ Safety Compliance

Safety	EN61347, UL8750
Insulation Resistance	Input to Output, 10MΩ@500Vdc
Dielectric Strength Hi-Pot	Primary to Secondary: 3000; 5mA; 60S; 50Hz, 10S
	Primary to Earth: 1500; 5mA; 60S; 50Hz, 10S
	Secondary to Earth: 500; 5mA; 60S; 50Hz, 10S
EMC Compliance	EN55015, J55022, FCC Part15 Class B
EMS Compliance	EN61000-4-2, 3, 4, 5

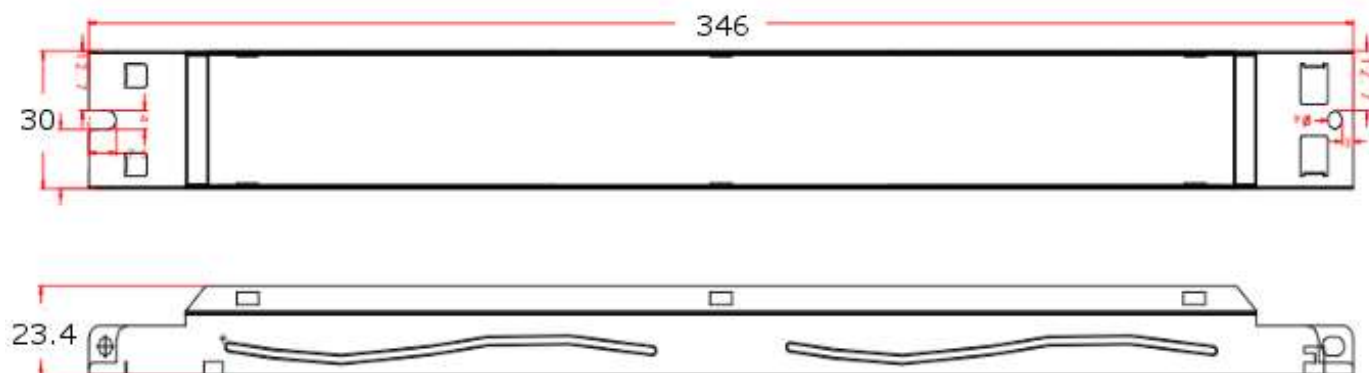
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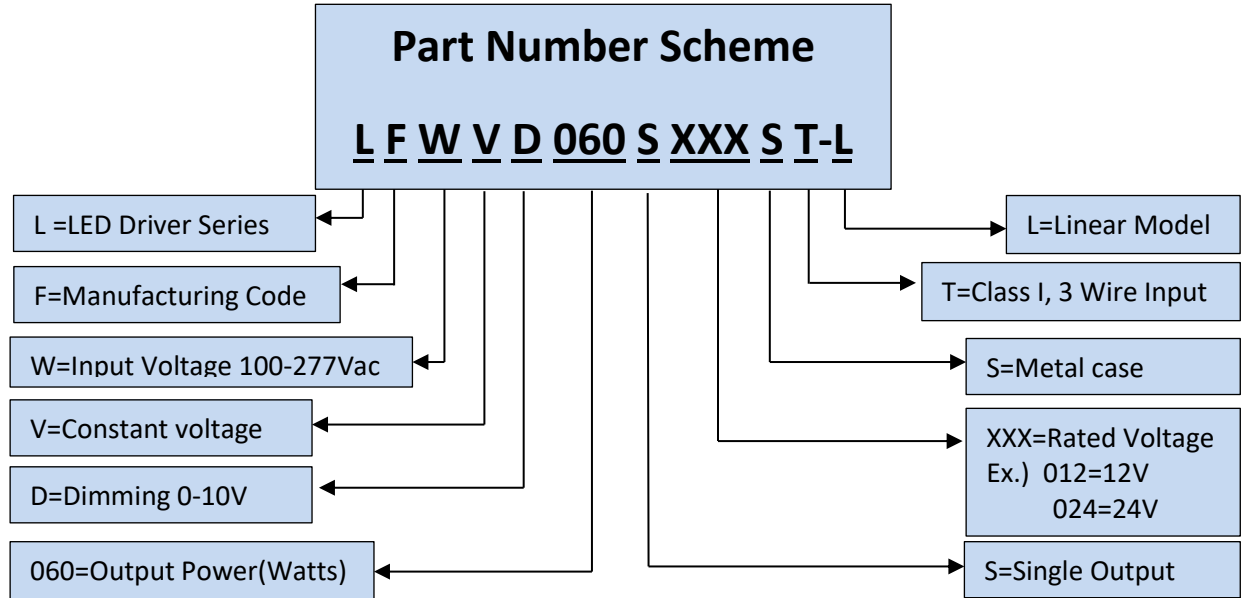
Autec Power Systems' (Autec) LED Drivers are Hi-Pot tested during the manufacturing process. Autec assumes no responsibility for secondary Hi-Pot testing at customer location or designated production line(s). Should customer require further Hi-Pot testing, at their own production line, following assembly 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.

■ PWM Dimming



■ Mechanical Diagram





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