

■ Features

- Power rating: 5W
- Input Voltage: 100-277Vac
- Constant current design
- Output Current (200mA-700mA)
- Autec's Dual Dimming Technology 0-10V/Triac Dimming
- Efficiency up to 84%
- Smooth Dimming 1%-100%
- Dim-to-off
- SCP and OCP
- Tc of 90°C
- UL Class P / Class 2 Output
- SELV Output
- 5-year warranty

■ Application

- High Brightness Light-Emitting Diode Products

■ Model List*(See part number scheme for model

Model Number	Input Voltage Range	Output Power	Power Factor	Output Voltage	Output Current Min.	Output Current Max.	Efficiency	Certification
L9WCD005S020SS	100-277Vac	4.8W	≥0.9	15-24V	200mA*	200mA	82%	CE/UL/cUL
L9WCD005S035SS	100-277Vac	4.2W	≥0.9	7-12V	350mA	350mA	82%	CE/UL/cUL
L9WCD005S070SS	100-277Vac	5.2W	≥0.9	5-7.5V	700mA*	700mA	82%	CE/UL/cUL

number details)

*100mA-1500mA options available, contact Autec Sales for all available options.

■ Technical Data

Current Tolerance	±7%
Voltage Tolerance	±5%(Note 3)
Set up time (Max.)	<1S
Rated Voltage	100-240Vac
Frequency Range	50-60Hz
AC Current (Max.)	0.15A@115Vac/0.1A@230Vac
Over Current Protection	Hiccup mode. No damage will occur to the driver and will recover automatically when the fault condition is removed.
Short Circuit Protection	Hiccup mode. No damage will occur to the driver and will recover automatically when the fault condition is removed.
Operation Temperature	-20°C to 50°C
Operation Humidity	20% to 90%RH non-condensing
Storage Temperature	-40°C to +80°C
Storage Humidity	10% to 90%RH
Vibration	10~500 Hz, 2G 10 min./1 cycle, period for 60 min. each along X, Y, Z axes.

RoHS
Compliant



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

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■ Technical Data

MTBF	200,000 hours min. MIL-HDBK-217F(25°C)
Dimensions	86x37x28mm
Mounting	81mm
Weight	226.8g

Notes:

1. All specifications not specifically mentioned are measured at 230Vac and 25°C ambient temperature.
2. This is the suitable operation region for LED related applications, but please reconfirm special electrical requirements for some specific system design.
3. Voltage Tolerance: Includes line regulation, load regulation and set-up tolerance.

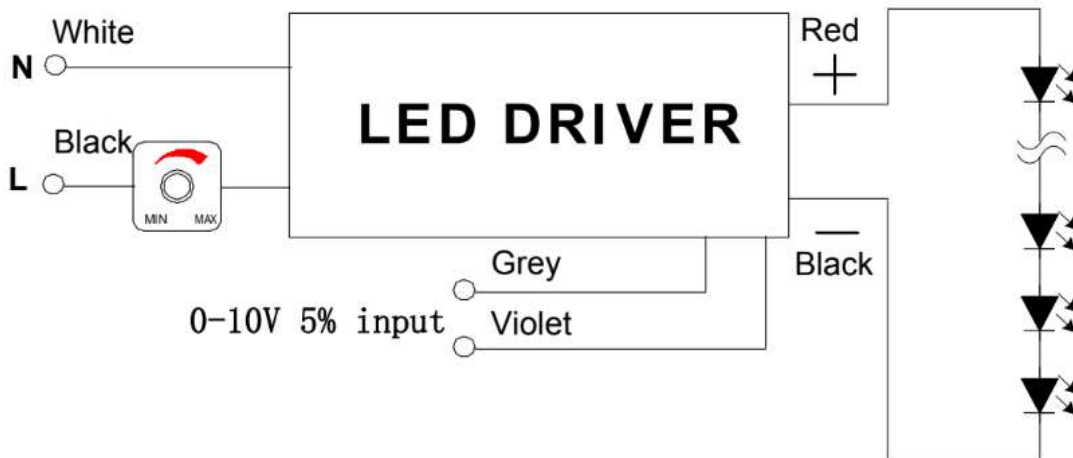
■ Safety and EMC

Safety Standards	Compliance EN61347-1, EN61347-2-13
Withstand	I/P - O/P: 3.75KVAC
Isolation Resistance	I/P - O/P: 100M ohms / 500VDC at 25°C
EMI Conduction & Radiation	Compliance to EN55015, FCC part 15
Harmonic Current	Compliance to EN61000-3-2 Class C, EN61000-3-3
EMS Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11; EN61547

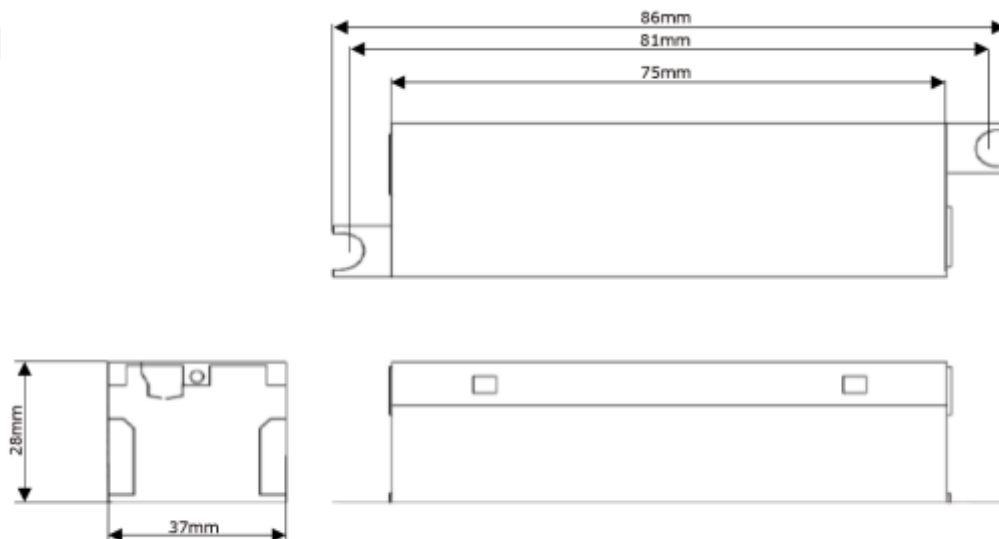
Disclaimer:

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.

■ Wiring Diagram

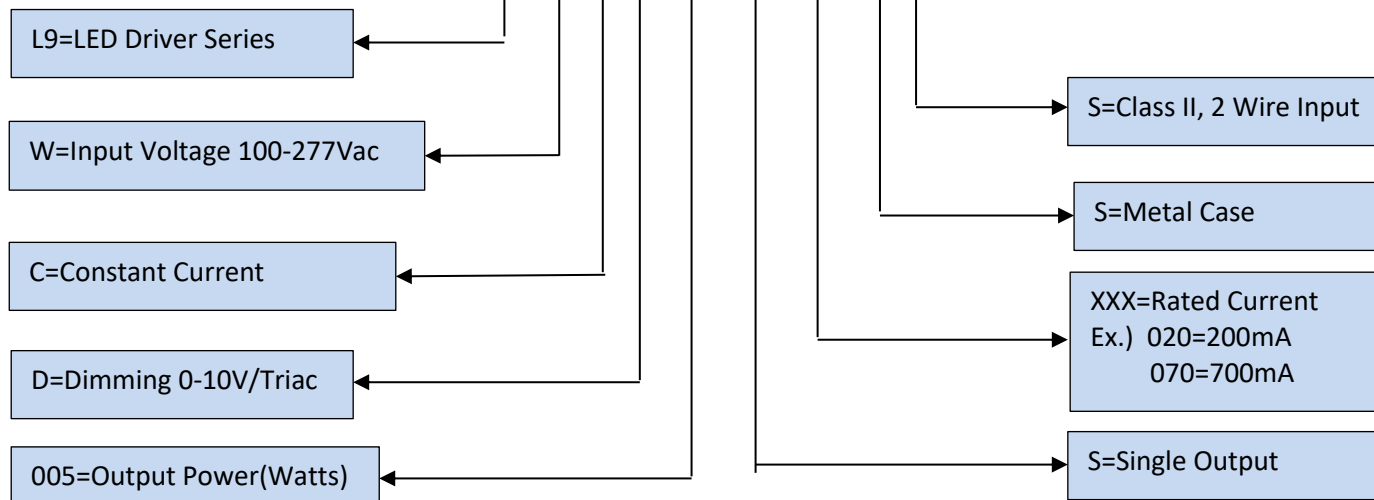


■ **Mechanical Diagram**



Part Number Scheme

L9 W C D 005 S XXX S S



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

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