

■ Features

- Power rating: 30W
- Input Voltage: 120-277Vac
- Constant current design
- Output Current (900mA)
- Autec's Dual Dimming Technology 0-10V/Triac Dimming
- Efficiency up to 90%
- 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 number details)

Model Number	Input Voltage Range	Output Power	Output Voltage	Output Current Min.	Output Current Max.	Efficiency	Certification
L9WCD030-C075V030-SS3UE	120-277Vac	30W	18-30V	750mA	750mA	90%	CE/UL/cUL
L9WCD030-C090V030-SS3UE	120-277Vac	30W	18-30V	900mA	900mA	90%	CE/UL/cUL
L9WCD030-C105V028-SS3UE	120-277Vac	30W	14-28V	1050mA	1050mA	90%	CE/UL/cUL
L9WCD030-C125V024-SS3UE	120-277Vac	30W	12-24V	1250mA	1250mA	90%	CE/UL/cUL
L9WCD030-C140V022-SS3UE	120-277Vac	30W	11-22V	1400mA	1400mA	90%	CE/UL/cUL
L9WCD030-C160V018-SS3UE	120-277Vac	30W	10-18V	1600mA	1600mA	90%	CE/UL/cUL

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

RoHS
Compliant



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

■ Technical Data

Rated Voltage	120-277Vac
Frequency Range	47-63Hz
Over current Protection	110%-150% Output current 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.
MTBF	50,000 hours min. MIL-HDBK-217F(25°C)
Dimensions	77x40x30mm
Mounting	83mm

Notes:

1. All specifications not specifically mentioned are measured at 230Vac and 25°C ambient temperature.
2. Ripple & noise are measured at 20MHz bandwidth by using a 12" twisted pair-wire terminated with 0.1uf & 47uf parallel capacitor.
3. Voltage Tolerance: Includes line regulation, load regulation and set-up tolerance.

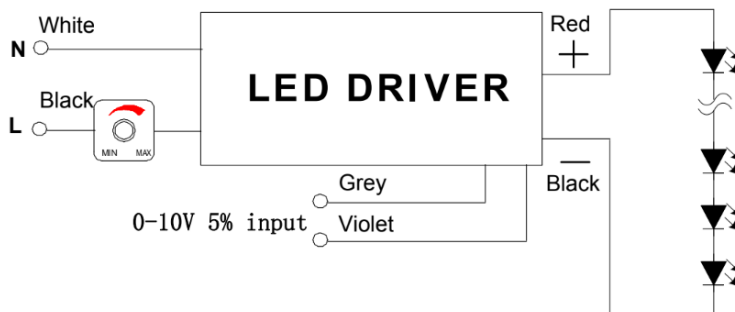
■ Safety and EMC

Safety Standards	Compliance EN61347-1, EN61347-2-13, UL8750 refer 1310
Withstand	I/P - O/P: 3.75KVAC
Isolation Resistance	I/P - O/P: 100M ohms / 500VDC at 25°C
EMI Conduction & Radiation	Compliance EN55015, FCC part 15
Harmonic Current	EN61000-3-2 Class C
EMS Immunity	Compliance to EN61000-4-2,3,4,5,6,8,11; EN61547

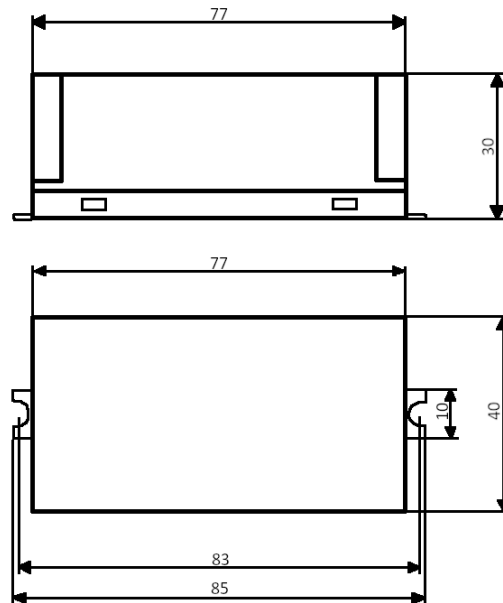
Disclaimer:

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 030 -CXXX VXXX -S S 3UE

L9=LED Driver Series

W=Input Voltage 120-277Vac

C=Constant Current

D= 0-10V/Triac Dimming

030=Output Power(Watts)

3UE=Factory Code

S=Class II, 2 Wire Input

S=Metal Case

VXXX=Rated Voltage
Ex.) 030=30V
018=18V

CXXX=Rated Current
Ex.) 075=750mA
160=1600mA

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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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