

■ Features

- Power Rating: 40W
- Input Voltage: 347Vac $\pm$ 10%
- Constant current design
- Fixed output current(1000mA-1700mA)
- Efficiency to 87%
- Dimmable with 0-10V dimmer
- UL Class 2, Class P, Type HL
- OVP, OCP, SCP, and OTP
- IP20
- 5-year warranty
- Metal case



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

■ Application

- Indoor lights

■ 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
LXWCD040S100SS-C*	347Vac $\pm$ 10%	40W	20-40V	1000mA	1000mA	87%@120V	UL/cUL
LXWCD040S110SS-C*	347Vac $\pm$ 10%	40W	18-36V	1100mA	1100mA	87%@120V	UL/cUL
LXWCD040S120SS-C*	347Vac $\pm$ 10%	40W	17-33V	1200mA	1200mA	87%@120V	UL/cUL
LXWCD040S130SS-C*	347Vac $\pm$ 10%	40W	15-31V	1300mA	1300mA	87%@120V	UL/cUL
LXWCD040S140SS-C*	347Vac $\pm$ 10%	40W	14-29V	1400mA	1400mA	87%@120V	UL/cUL
LXWCD040S150SS-C*	347Vac $\pm$ 10%	40W	13-27V	1500mA	1500mA	87%@120V	UL/cUL
LXWCD040S160SS-C*	347Vac $\pm$ 10%	40W	13-25V	1600mA	1600mA	87%@120V	UL/cUL
LXWCD040S170SS-C*	347Vac $\pm$ 10%	40W	12-24V	1700mA	1700mA	87%@120V	UL/cUL

*=Class P

Technical Sales / Customer Service: +1-818-338-7788 • Email: sales@autec.com

31328 Via Colinas Suite 102 • Westlake Village, CA 91362 USA • www.autec.com

June 13, 2019

■ Technical Data

Input voltage range	347Vac $\pm$ 10%
Frequency	50/60Hz
Power factor	>0.9 under 347Vac input with 80-100% load condition (for all output currents)
Inrush current	10A @ 347V
Max input current	0.14A @347V
THD	<20% under 347Vac input with 80-100% load condition (for all output currents)
Load regulation	$\pm$ 2%
Line regulation	$\pm$ 1%
Output tolerance	$\pm$ 5% at full load condition
Turn-on delay time	<0.75s at full load condition
Overshoot	< 10% at full load condition
No load power consumption	< 2W
Ripple & Noise (pk-pk)	< 10%
Withstand voltage	Input to output, 2,800Vdc, 2mA
Leakage current	Maximum 0.5mA at 347Vac, 60Hz input
Protection	Over voltage protection: Hiccup mode. Protection will trigger when load voltage exceed specified output voltage and will auto recover after the fault mode is removed. Over current protection: Hiccup mode. Protection will trigger when load current exceed specified output current and will auto recover after the fault mode is removed. Short circuit protection: Hiccup mode. Protection will trigger when short circuit and will auto recover after the fault mode is removed. Over Temperature protection: Protection will trigger when driver overheat an aut-recovery when cooled down.
Operating temperature	-40 to 60°C
Storage temperature	-40 to 85°C
Humidity	5% to 95%
MTBF	283,000 hours at 40°C ambient (~70°C case temp)
Life rating	85,000 hours at 120Vac input, 100% load and 60°C case temperature
Maximum case Temperature	90°C
Length (L)	6.46" (164mm)
Width (W)	1.89" (48mm)
Height (H)	1.15" (29mm)
Mounting (M)	6.00" (153mm)
Weight	0.36kg
Packaging	0.36kg /unit; 40pcs /carton; 1,200pcs / pallet

Technical Sales / Customer Service: +1-818-338-7788 • Email: sales@autec.com

31328 Via Colinas Suite 102 • Westlake Village, CA 91362 USA • www.autec.com

June 13, 2019

2 / 6

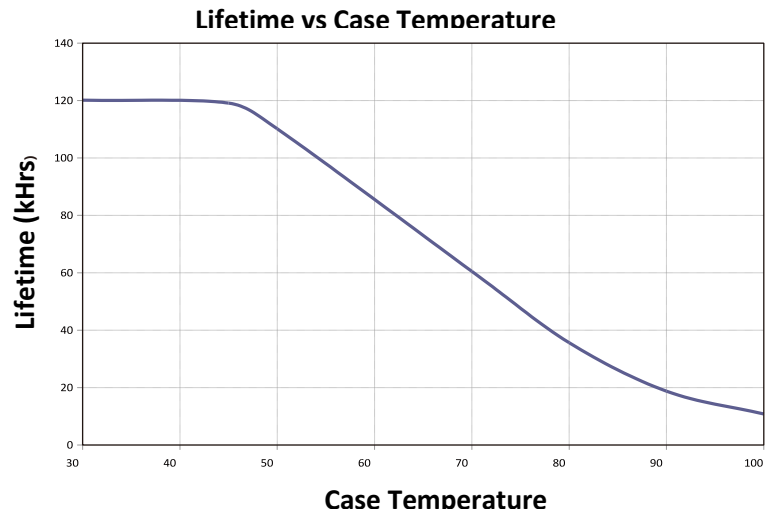
■ Safety Compliance

UL/cUL	UL 8750, Class P, Type HL
CE	EN61347-1, EN61347-2-13
FCC, 47CFR Part 15	ANSI C63.4:2009 Class B (Consumer Limit)
EN61000-3-2	Harmonic Current Emissions Class C

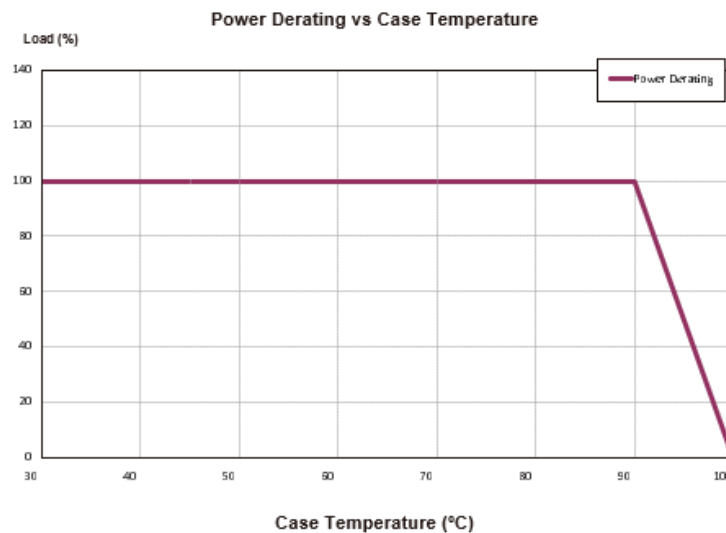
Disclaimer:

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.

■ Lifetime vs Case Temperature



■ Power Derating vs Case Temperature

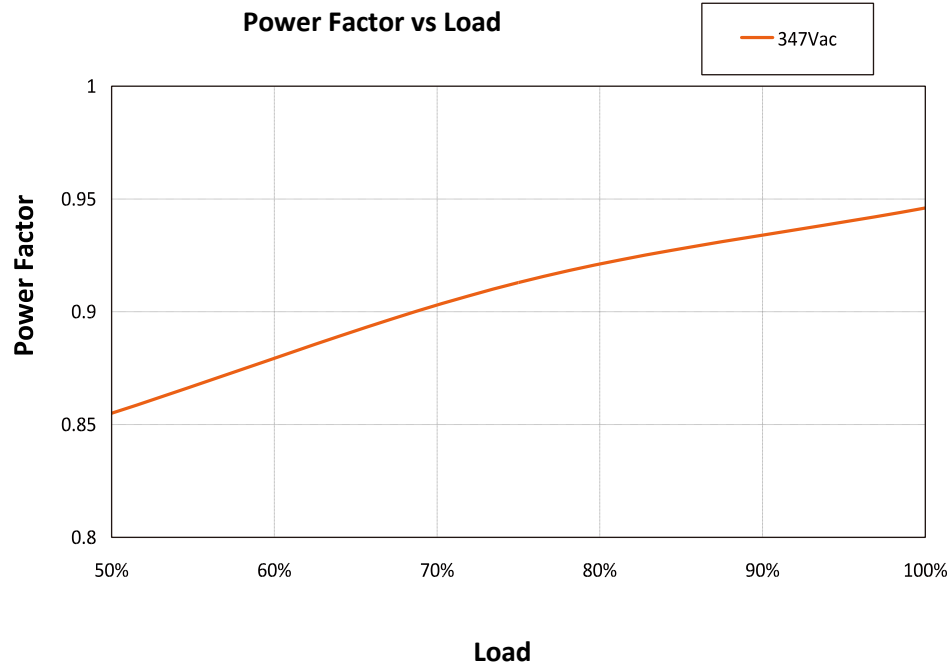


Technical Sales / Customer Service: +1-818-338-7788 • Email: sales@autec.com

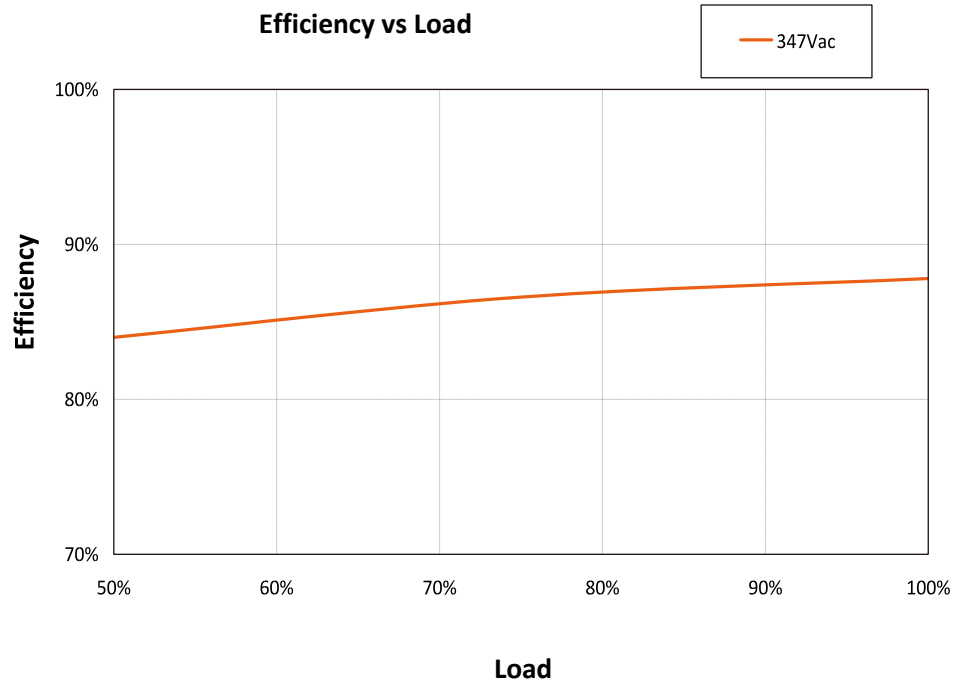
31328 Via Colinas Suite 102 • Westlake Village, CA 91362 USA • www.autec.com

June 13, 2019

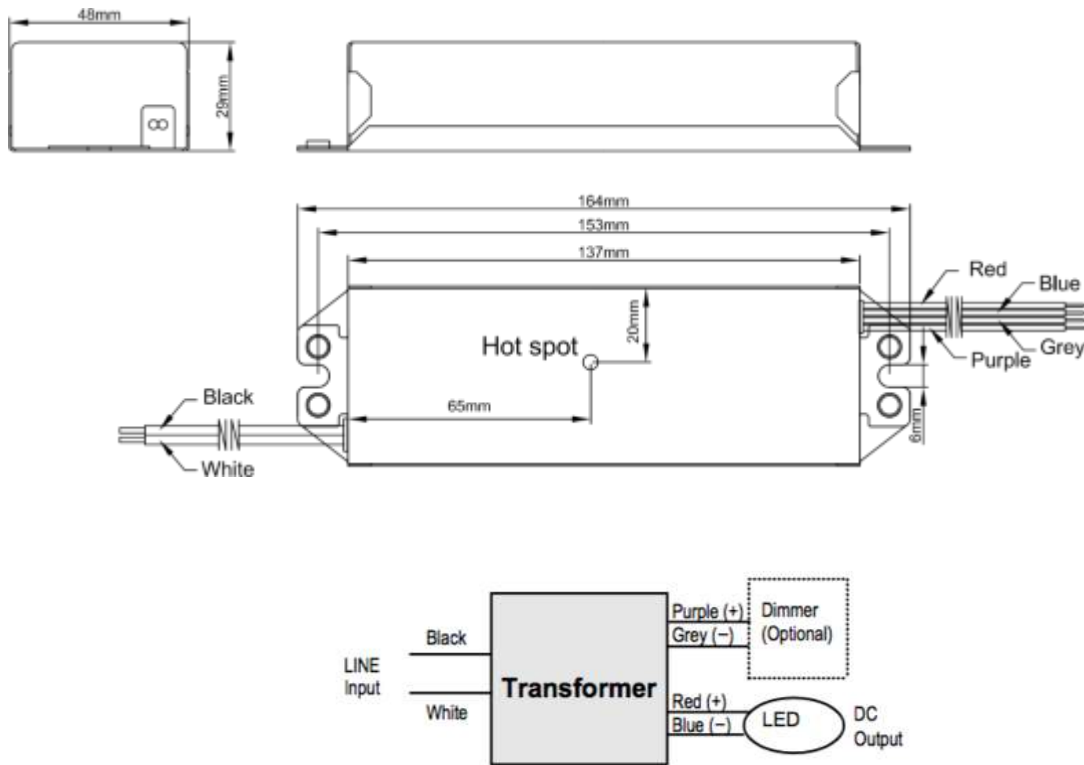
■ **Power Factor vs Load**



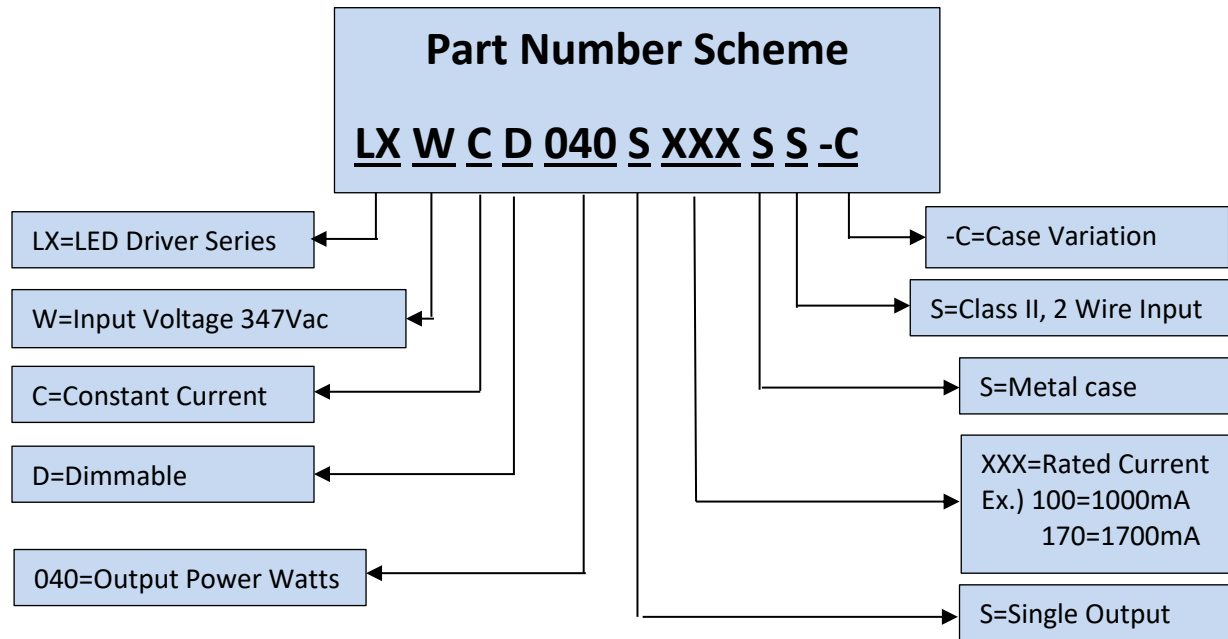
■ **Efficiency vs Load**



■ **Wiring Diagram**



Wire Specifications	
Input	12", UL 1316 #18AWG (Black and White)
Output	12", UL 1569 #18AWG (with Non-Class 2 output) 12", UL 1316/1430 #22AWG (with Class 2 output) (Red and Blue)
Dimming	12", UL 1316/1430 #22AWG (Purple and Grey)



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

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