

■ Features

- Power Rating: 22W
- Input Voltage: 120-277Vac $\pm$ 10%
- Constant current design
- Fixed output current(350mA-1600mA)
- Efficiency to 86%
- Dimmable with 0-10V dimmer
- UL Class 2 options available, Class P, Type HL
- OVP, OCP, SCP
- IP20
- 5-year warranty
- Metal case

■ Application

- Indoor lights

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



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

Model Number	Input Voltage Range	Output Power	Output Voltage	Output Current Min.	Output Current Max.	Efficiency	Certification
LXWCD022S035SS-C*	120~277Vac $\pm$ 10%	22W	21-63V	350mA	350mA	86%@120V 86%@240V 86%@277V	-/-
LXWCD022S040SS-C**	120~277Vac $\pm$ 10%	22W	18-55V	400mA	400mA	86%@120V 86%@240V 86%@277V	UL/-
LXWCD022S050SS-C**	120~277Vac $\pm$ 10%	22W	14-44V	500mA	500mA	86%@120V 86%@240V 86%@277V	UL/-
LXWCD022S060SS-C**	120~277Vac $\pm$ 10%	22W	12-36V	600mA	600mA	85%@120V 84%@240V 84%@277V	UL/cUL
LXWCD022S065SS-C**	120~277Vac $\pm$ 10%	22W	11-34V	650mA	650mA	85%@120V 84%@240V 84%@277V	UL/cUL
LXWCD022S070SS-C**	120~277Vac $\pm$ 10%	22W	10-32V	700mA	700Ma	85%@120V 84%@240V 84%@277V	UL/cUL
LXWCD022S080SS-C**	120~277Vac $\pm$ 10%	22W	9-28V	800mA	800mA	84%@120V 83%@240V 83%@277V	UL/cUL
LXWCD022S090SS-C**	120~277Vac $\pm$ 10%	22W	8-24V	900mA	900mA	84%@120V 83%@240V 83%@277V	UL/cUL
LXWCD022S100SS-C**	120~277Vac $\pm$ 10%	22W	7-20V	1000mA	1000mA	84%@120V 83%@240V 83%@277V	UL/cUL

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

■ Model List(cont.)

LXWCD022S110SS-C**	120~277Vac $\pm$ 10%	22W	7-18V	1100mA	1100mA	84%@120V 83%@240V 83%@277V	UL/cUL
LXWCD022S120SS-C**	120~277Vac $\pm$ 10%	22W	7-17V	1200mA	1200mA	84%@120V 83%@240V 83%@277V	UL/cUL
LXWCD022S130SS-C**	120~277Vac $\pm$ 10%	22W	7-16V	1300mA	1300mA	84%@120V 83%@240V 83%@277V	UL/cUL
LXWCD022S140SS-C**	120~277Vac $\pm$ 10%	22W	7-15V	1400mA	1400mA	84%@120V 83%@240V 83%@277V	UL/cUL
LXWCD022S150SS-C**	120~277Vac $\pm$ 10%	22W	7-14V	1500mA	1500mA	84%@120V 83%@240V 83%@277V	UL/cUL
LXWCD022S160SS-C**	120~277Vac $\pm$ 10%	22W	7-14V	1600mA	1600mA	84%@120V 83%@240V 83%@277V	UL/cUL

*=Class P, **Class 2 output

■ Technical Data

Input voltage range	120~277Vac $\pm$ 10%
Frequency	50/60Hz
Power factor	> 0.9 under 120-277Vac input with 80-100% load condition (for all output currents)
Inrush current	7A @230V
Max input current	0.26A @120V, 0.14A@240V and 0.12A @277V
THD	<20% under 120-277Vac 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 condtion
No load power consumption	<1W
Ripple & noise (pk-pk)	<10%
Withstand voltage	Input to output, 2,800Vdc, 2mA
Leakage current	Maximum 0.5mA at 277Vac, 60Hz input

■ Technical Data(cont.)

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.
Operating temperature	-40 to 60°C
Storage temperature	-40 to 85°C
Humidity	5% to 95%
MTBF	376,000 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)	4.80" (122mm)
Width (W)	1.58" (40mm)
Height (H)	0.96" (25mm)
Mounting (M)	4.29" (109mm)
Packing	0. 22kg / unit; 60pcs / carton; 2,700pcs / pallet

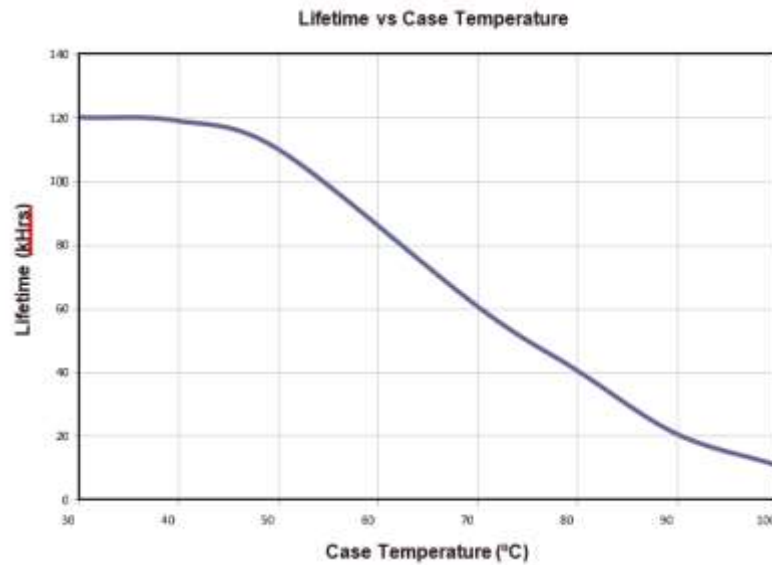
■ Safety Compliance

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

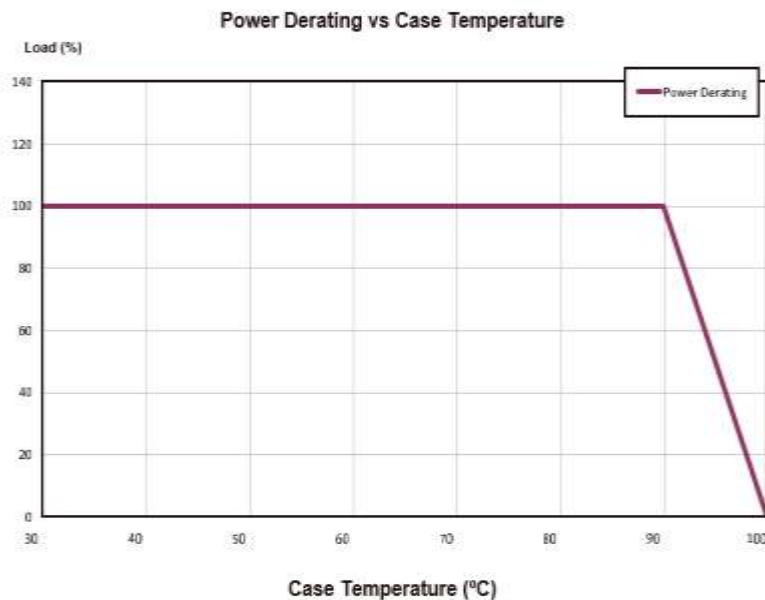
Disclaimer:

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.

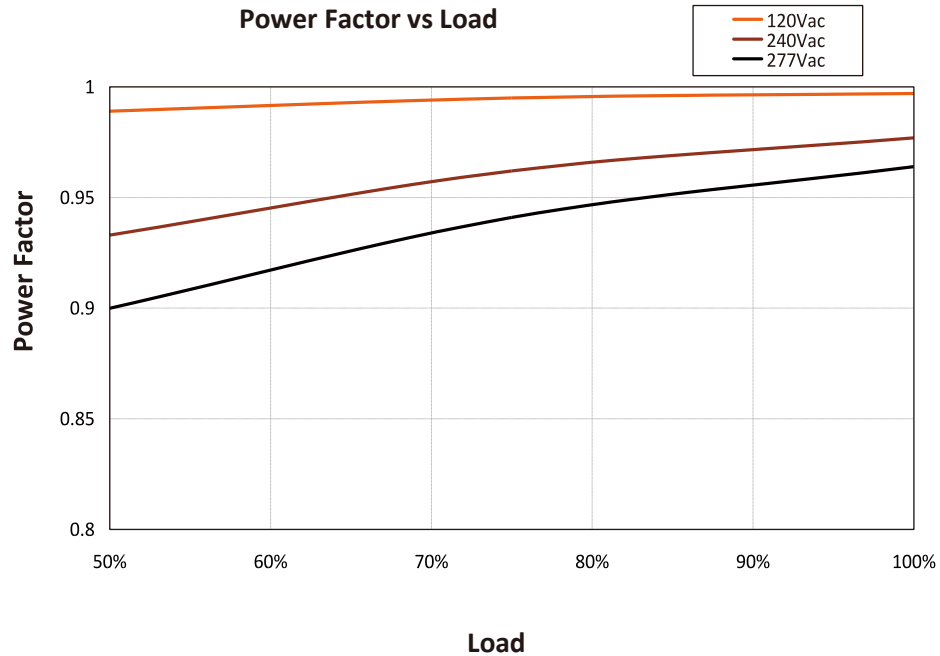
■ Lifetime vs Case Temperature



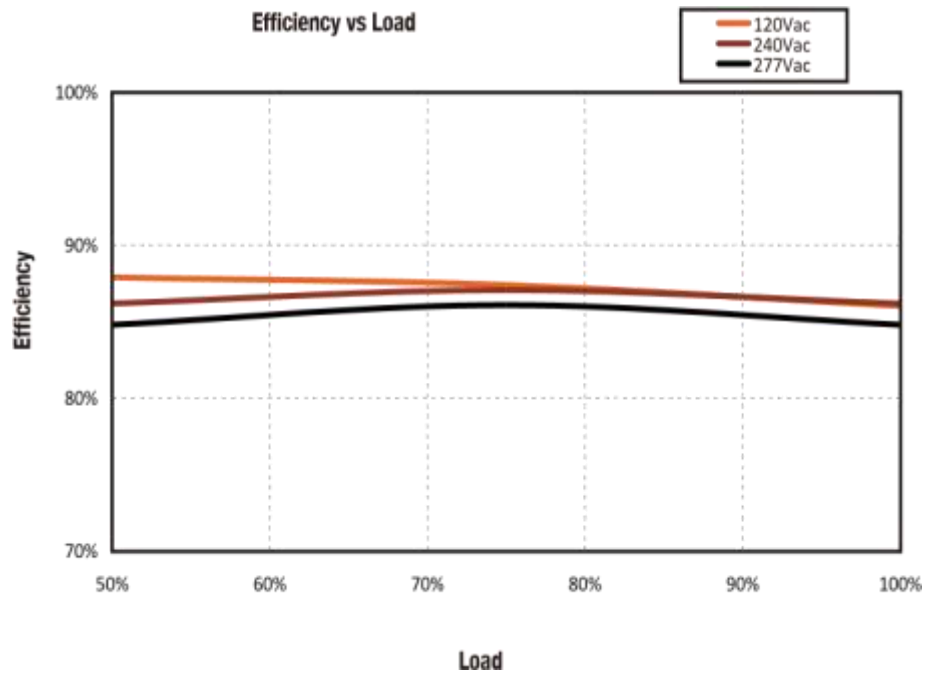
■ Power Derating vs Case Temperature



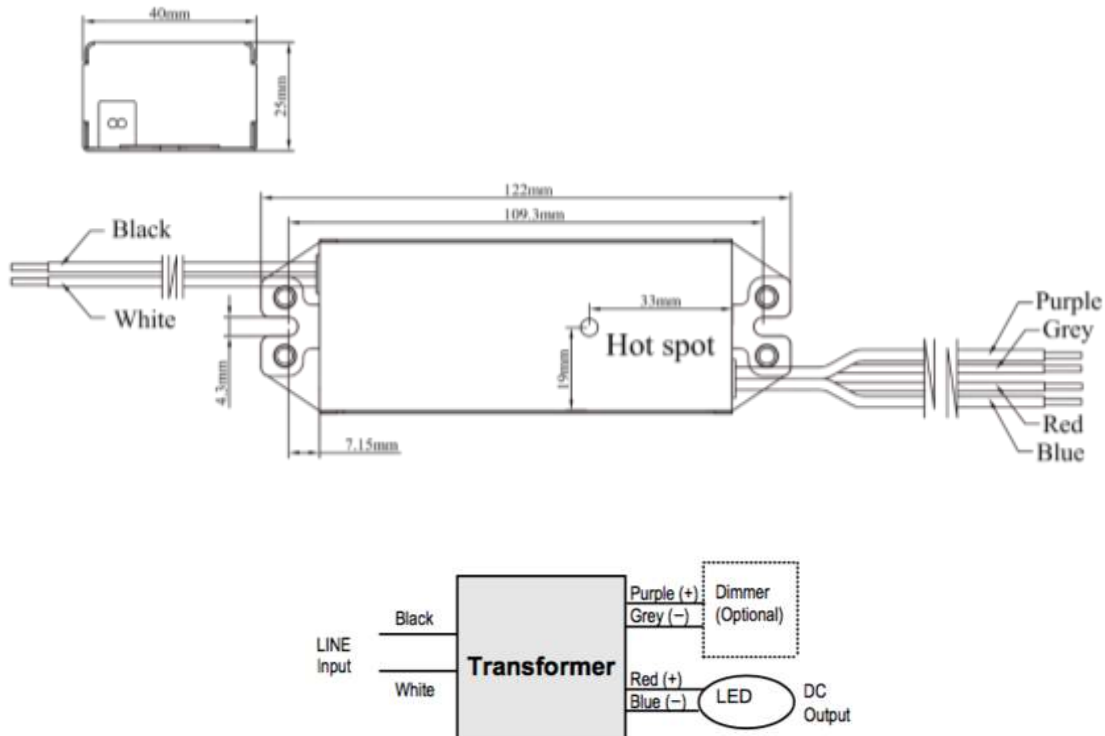
■ Power Factor vs Load



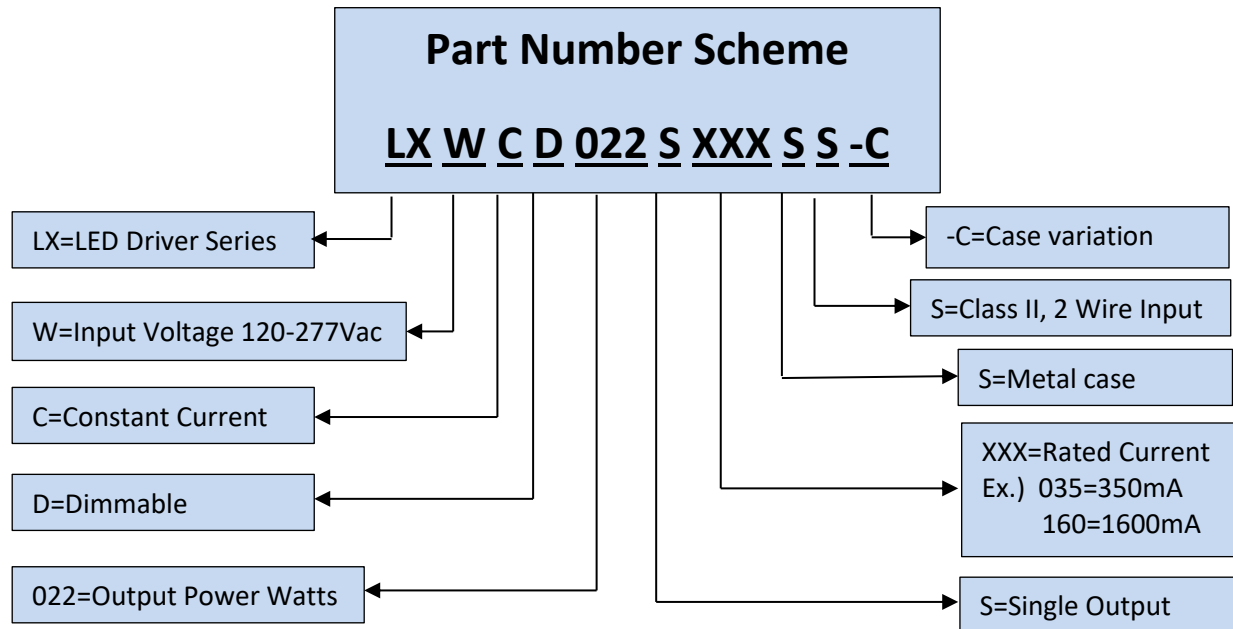
■ Efficiency vs Load



■ Wiring Diagram



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