

■ Features

- Power Rating: 150W
- Input Voltage: 120-277Vac $\pm$ 10%
- Constant current design
- Fixed output current(350mA-2500mA)
- Efficiency to 94%
- Dimming: 0-10V
- UL Class 2, Type TL, Type HL
- OVP, OCP, SCP, and OTP
- IP20
- 5-year warranty
- Metal case

■ 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
LXWCD150S035SS-20	120~277Vac $\pm$ 10%	150W	214-428V	350mA	350mA	92%@120V 93%@240V 94%@277V	-/-
LXWCD150S040SS-20	120~277Vac $\pm$ 10%	150W	188-375V	400mA	400mA	92%@120V 93%@240V 94%@277V	-/-
LXWCD150S050SS-20	120~277Vac $\pm$ 10%	150W	100-300V	500mA	500mA	92%@120V 93%@240V 94%@277V	-/-
LXWCD150S053SS-20	120~277Vac $\pm$ 10%	150W	94-283V	530mA	530mA	92%@120V 93%@240V 94%@277V	-/-
LXWCD150S060SS-20	120~277Vac $\pm$ 10%	150W	83-250V	600mA	600mA	92%@120V 93%@240V 94%@277V	-/-
LXWCD150S070SS-20	120~277Vac $\pm$ 10%	150W	70-214V	700mA	700mA	92%@120V 93%@240V 94%@277V	-/-
LXWCD150S080SS-20	120~277Vac $\pm$ 10%	150W	63-188V	800mA	800mA	92%@120V 93%@240V 94%@277V	-/-
LXWCD150S090SS-20	120~277Vac $\pm$ 10%	150W	56-167V	900mA	900mA	92%@120V 93%@240V 94%@277V	-/-
LXWCD150S100SS-20	120~277Vac $\pm$ 10%	150W	50-150V	1000mA	1000mA	92%@120V 93%@240V 94%@277V	-/-
LXWCD150S105SS-20	120~277Vac $\pm$ 10%	150W	48-142V	1050mA	1050mA	92%@120V 93%@240V 94%@277V	-/-



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LXWCD150S110SS-20	120~277Vac $\pm$ 10%	150W	45-136V	1100mA	1100mA	92%@120V 93%@240V 94%@277V	-/-
LXWCD150S120SS-20	120~277Vac $\pm$ 10%	150W	42-125V	1200mA	1200mA	92%@120V 93%@240V 94%@277V	-/-
LXWCD150S130SS-20	120~277Vac $\pm$ 10%	150W	39-115V	1300mA	1300mA	92%@120V 93%@240V 94%@277V	-/-
LXWCD150S140SS-20	120~277Vac $\pm$ 10%	150W	36-107V	1400mA	1400mA	92%@120V 93%@240V 94%@277V	-/-
LXWCD150S150SS-20	120~277Vac $\pm$ 10%	150W	33-100V	1500mA	1500mA	92%@120V 93%@240V 94%@277V	-/-
LXWCD150S160SS-20	120~277Vac $\pm$ 10%	150W	31-94V	1600mA	1600mA	91%@120V 91%@240V 92%@277V	-/-
LXWCD150S170SS-20	120~277Vac $\pm$ 10%	150W	29-88V	1700mA	1700mA	91%@120V 91%@240V 92%@277V	-/-
LXWCD150S180SS-20	120~277Vac $\pm$ 10%	150W	28-83V	1800mA	1800mA	91%@120V 91%@240V 92%@277V	-/-
LXWCD150S190SS-20	120~277Vac $\pm$ 10%	150W	26-79V	1900mA	1900mA	91%@120V 91%@240V 92%@277V	-/-
LXWCD150S200SS-20	120~277Vac $\pm$ 10%	150W	25-75V	2000mA	2000mA	91%@120V 91%@240V 92%@277V	-/-
LXWCD150S210SS-20	120~277Vac $\pm$ 10%	150W	24-71V	2100mA	2100mA	91%@120V 91%@240V 92%@277V	-/-
LXWCD150S220SS-20	120~277Vac $\pm$ 10%	150W	23-68V	2200mA	2200mA	91%@120V 91%@240V 92%@277V	-/-
LXWCD150S230SS-20	120~277Vac $\pm$ 10%	150W	22-65V	2300mA	2300mA	91%@120V 91%@240V 92%@277V	-/-
LXWCD150S240SS-20	120~277Vac $\pm$ 10%	150W	21-63V	2400mA	2400mA	91%@120V 91%@240V 92%@277V	-/-
LXWCD150S250SS-20	120~277Vac $\pm$ 10%	150W	20-60V	2500mA	2500mA	91%@120V 91%@240V 92%@277V	-/-

■ Technical Data

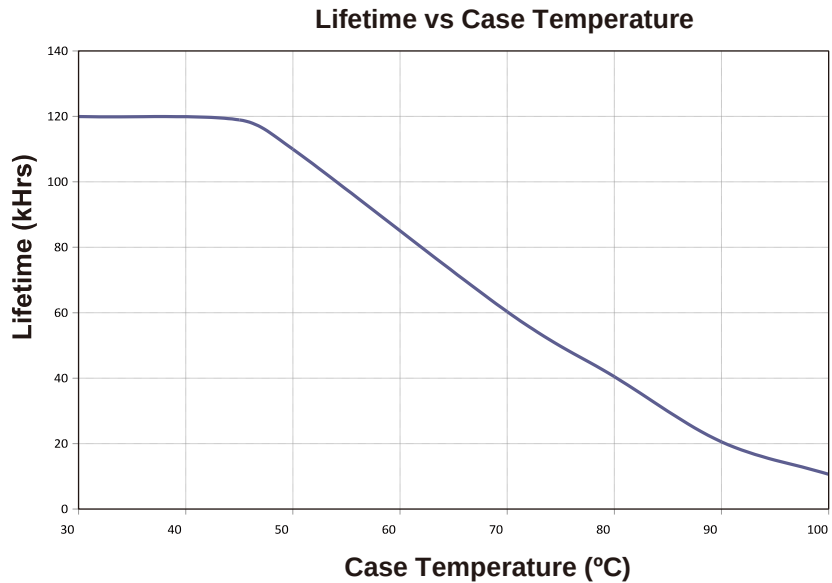
Input voltage range	120~277Vac $\pm$ 10%
Frequency	50/60Hz
Power factor	>0.9 under 120-277Vac input with 80-100% load condition (for all output currents)
Inrush current	40A@230V
Max input current	1.54A @120V, 0.80A @240V, and 0.69A @277V
THD	<20% under 120-277Vac input with 80-100% load condition (for all output currents)
Load regulation	$\pm$ 2%
Line regulation	$\pm$ 1%
Output tolerance	$\pm$ 5% at full load condition
Turn-on delay time	<2s at full load condition
Overshoot	< 10% at full load condition
No load power consumption	< 2W
Ripple & Noise (pk-pk)	< 3%
Withstand voltage	Input to output, 2,800Vdc, 2mA
Leakage current	Maximum 0.5mA at 277Vac, 60Hz input
Protection	Over voltage protection: Hiccup mode. Protection will trigger when load voltage exceeds specified output voltage and will auto recover after the fault mode is removed. Over current protection: Hiccup mode. Protection will trigger when load current exceeds specified output current and will auto recover after the fault mode is removed. Short circuit protection: Hiccup mode. Protection will trigger when it short circuits and will auto recover after the fault mode is removed. Over temperature protection: Protection will trigger when driver overheat and auto-recovery when cooled down.
Operating temperature	-40 to 60°C
Storage temperature	-40 to 85°C
Humidity	5% to 95%
MTBF	139,000 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)	9.50" (241mm)
Width (W)	1.80" (47mm)
Height (H)	1.37" (35mm)
Mounting (M)	8.79" (223mm)
Weight	0.7kg
Packaging	0.7kg/unit; 25pcs/carton; 900pcs/pallet

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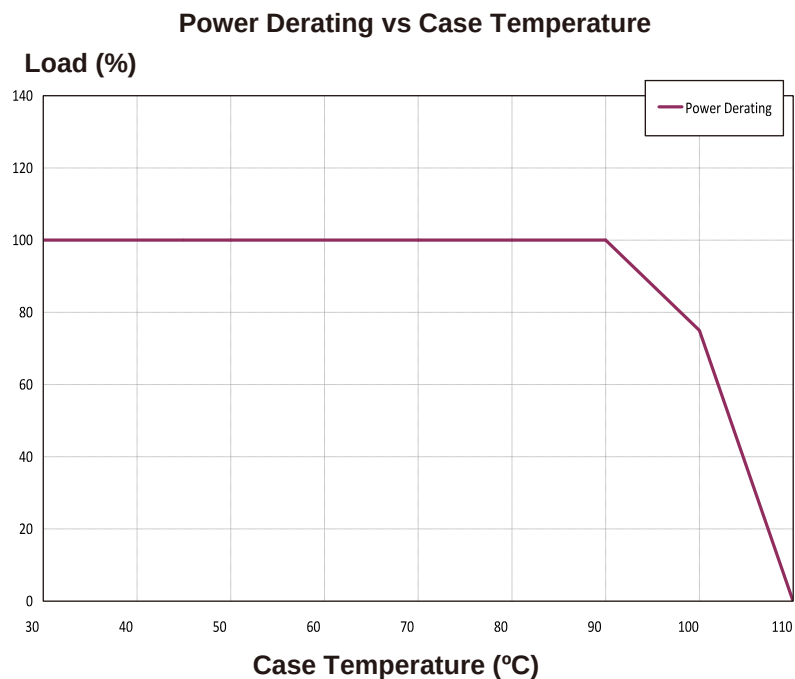
■ Safety Compliance

UL/cUL	UL 8750, Type TL, 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

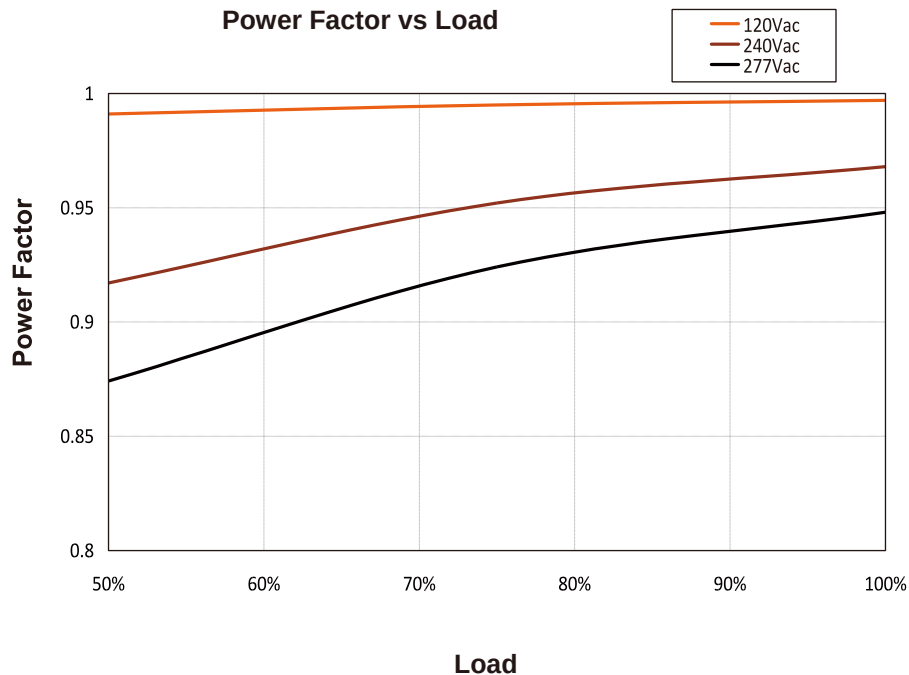
■ Lifetime vs Case Temperature



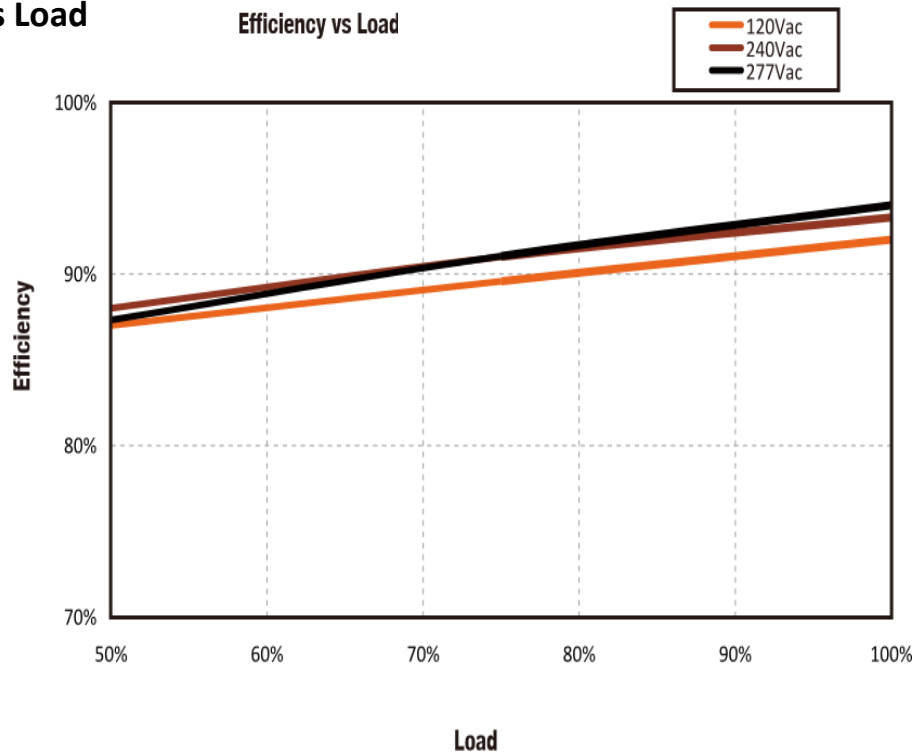
■ Power Derating vs Case Temperature



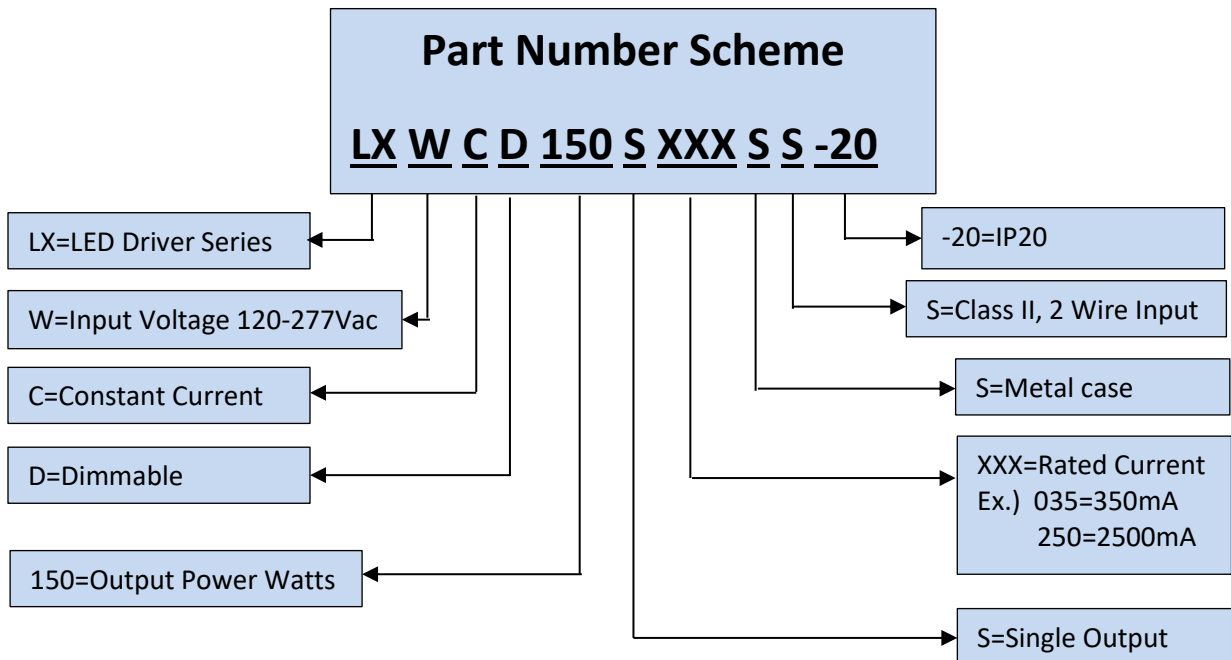
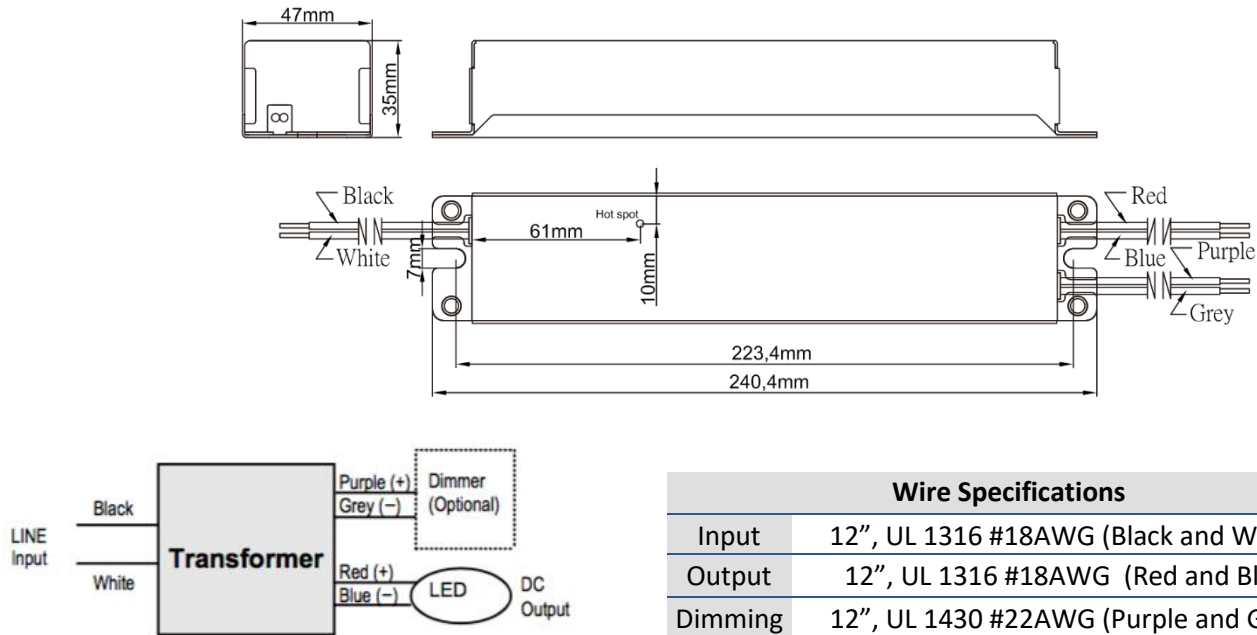
■ **Power Factor vs Load**



■ **Efficiency vs Load**



■ **Wiring Diagram**



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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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