

■ Features

- Power Rating: 100W
- Input Voltage: 347Vac $\pm$ 10%
- Constant current design
- Output current(2100mA-3200mA)
- Efficiency up to 89%
- Dimmable with 0-10V dimmer
- UL Class 2
- OVP, OCP, SCP
- IP20
- 5-year warranty



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

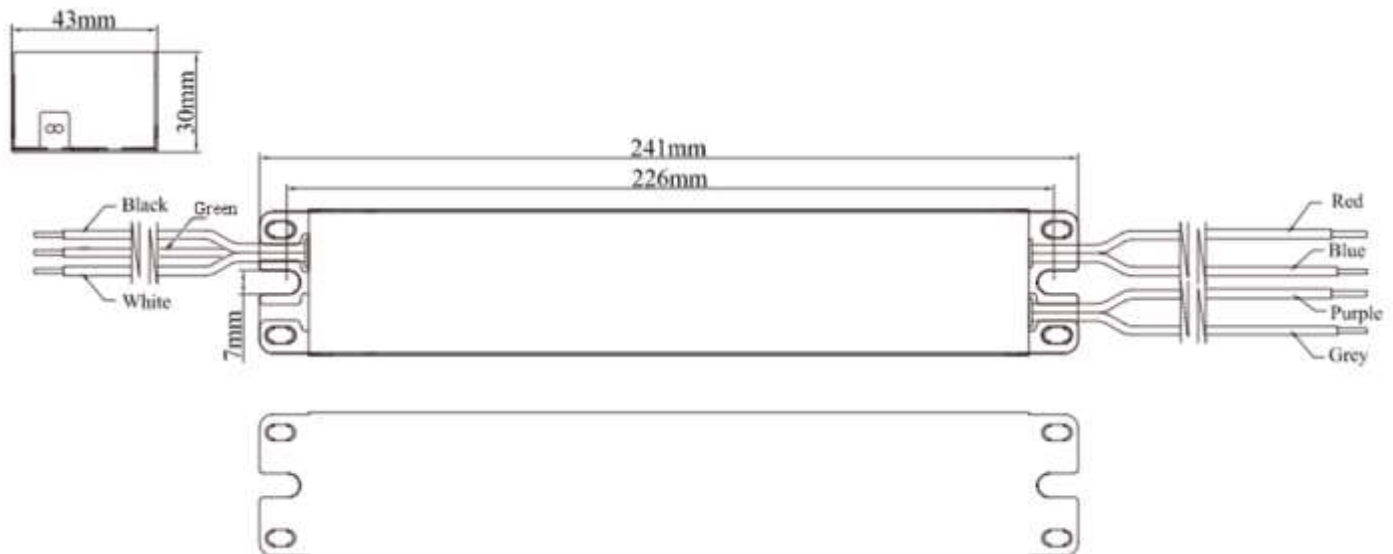
■ Application

- 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
LXHCD100S210ST-20	347Vac $\pm$ 10%	100W	28-48V	2100mA	2100mA	89% @347V	UL/-
LXHCD100S275ST-20	347Vac $\pm$ 10%	100W	18-36V	2750mA	2750mA	89% @347V	UL/cUL

■ Wiring Diagram



■ Wiring Diagram(Cont.)



Wire Specifications	
Input	12", UL 1316 #18AWG (Black, White, and Green)
Output	12", UL 1316 #18 AWG (Red and Blue)
Dimming	12", UL 1430 #22AWG (Purple and Grey)

■ 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	TBD
Max input current	0.35 @347V
THD	< 20% under 347Vac input with 80~100% load condition (for all output currents)
Load Regulation	$\pm$ 2%
Line Regulation	$\pm$ 1%
Current 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	TBD
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 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 short circuit and will auto recover after the fault mode is removed.

■ Technical Data(Cont.)

Operating temperature	-40 to 60°C
Storage temperature	-40 to 85°C
Humidity	5% to 95%
MTBF	TBD
Life rating	TBD
Maximum case Temperature	90°C
Length (L)	9.50" (241mm)
Width (W)	1.70" (43mm)
Height (H)	1.15" (20mm)
Mounting (M)	8.90" (226mm)
Packing	0.55kg/unit; 30pcs/carton; 1080pcs/pallet

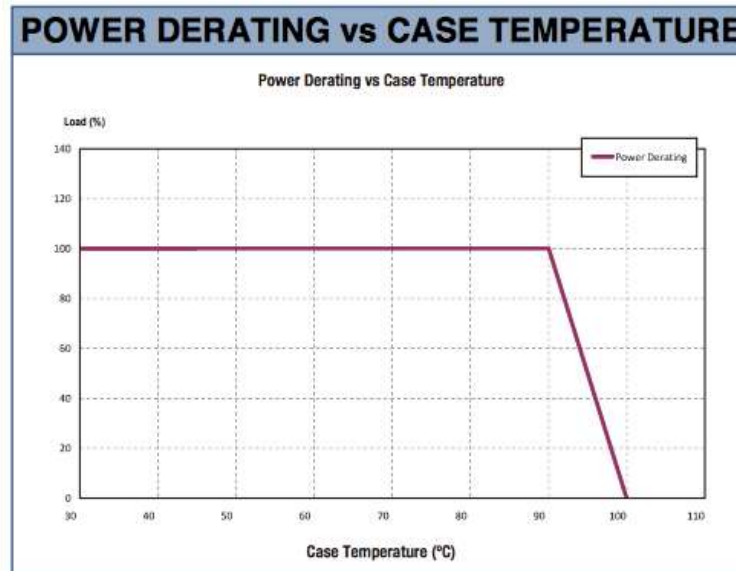
■ Safety Compliance

UL/cUL	UL 8750 pending
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:

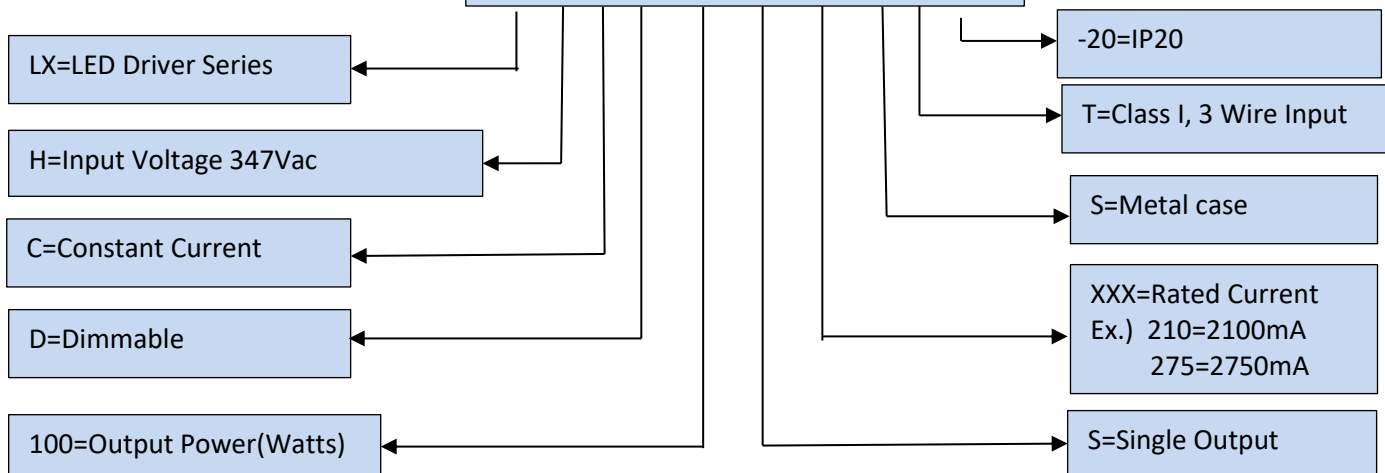
Autec Power Systems' (Autec) LED Drivers are Hi-Pot tested during the manufacturing process. Autec assumes no responsibility for secondary Hi-Pot testing at customer location or designated production line(s). Should customer require further Hi-Pot testing, at their own production line, following assembly 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.

■ **Power Rating vs Case Temperature**



Part Number Scheme

LX H C D 100 S XXX S T-20



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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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