

■ Features

- Power Rating: 100W
- Input Voltage: 347Vac ± 10%
- Constant current design
- Output current(2100mA-2750mA)
- 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.

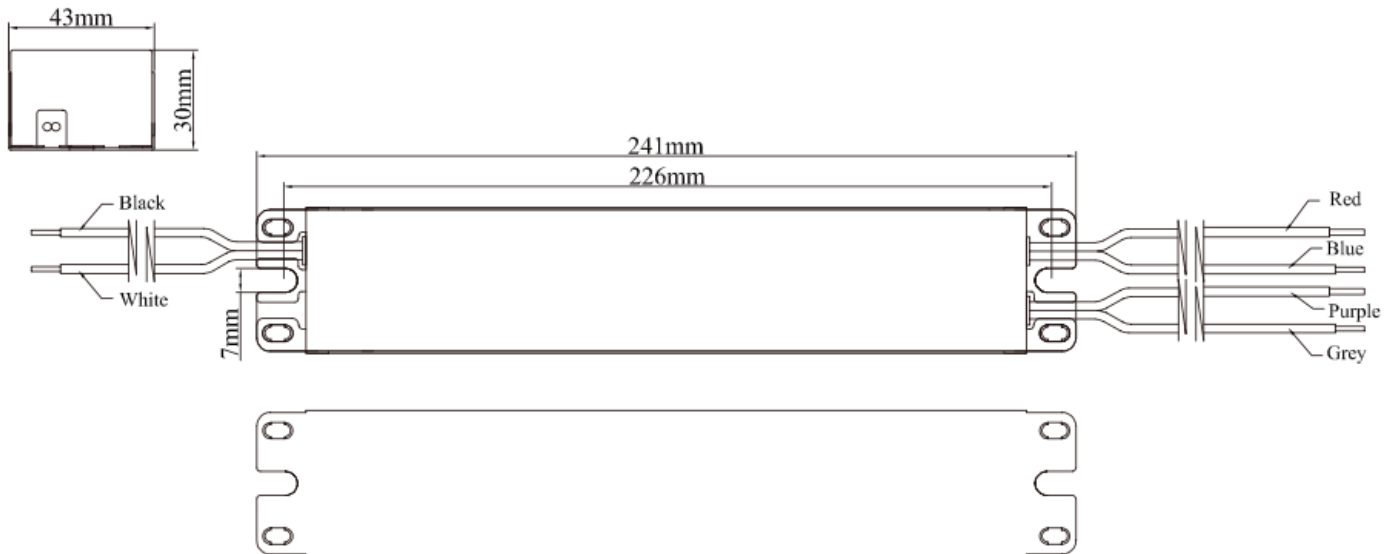
■ Application

- Indoor lights

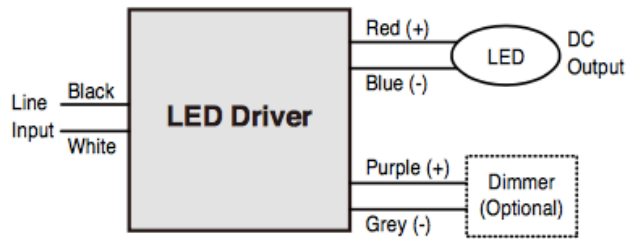
■ Model List\*(See part number scheme for model number details)

Model Number	Input Voltage Range	Output Power	Output Voltage	Output Current Min.	Output Current Max.	Efficiency	Certification
LXHCD100S210SS	347Vac ± 10%	100W	28-48V	2100mA	2100mA	89% @347V	UL/cUL
LXHCD100S275SS	347Vac ± 10%	100W	18-36V	2750mA	2750mA	89% @347V	UL/cUL

■ Wiring Diagram



■ Wiring Diagram(Cont.)



Input: 12", UL 1316 #18AWG (Black and White)

Output: 12", UL 1316 #18 AWG (Red and Blue)

Dimming: 12", UL 1430 #22AWG (Purple and Grey)

■ Technical Data

Input voltage range	347Vac ± 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	± 2%
Line Regulation	± 1%
Current Tolerance	± 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	<p>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.</p> <p>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.</p> <p>Short circuit protection: Hiccup mode. Protection will trigger when short circuit and will auto recover after the fault mode is removed.</p>

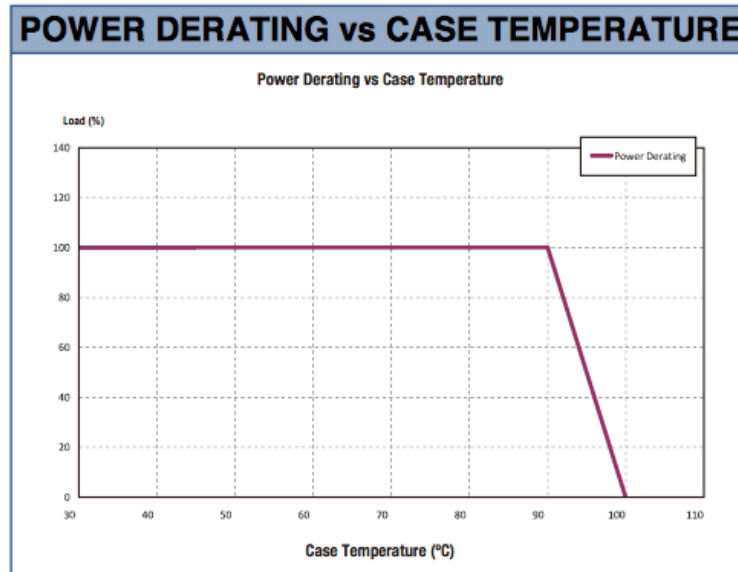
■ **Technical Data(Cont.)**

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**

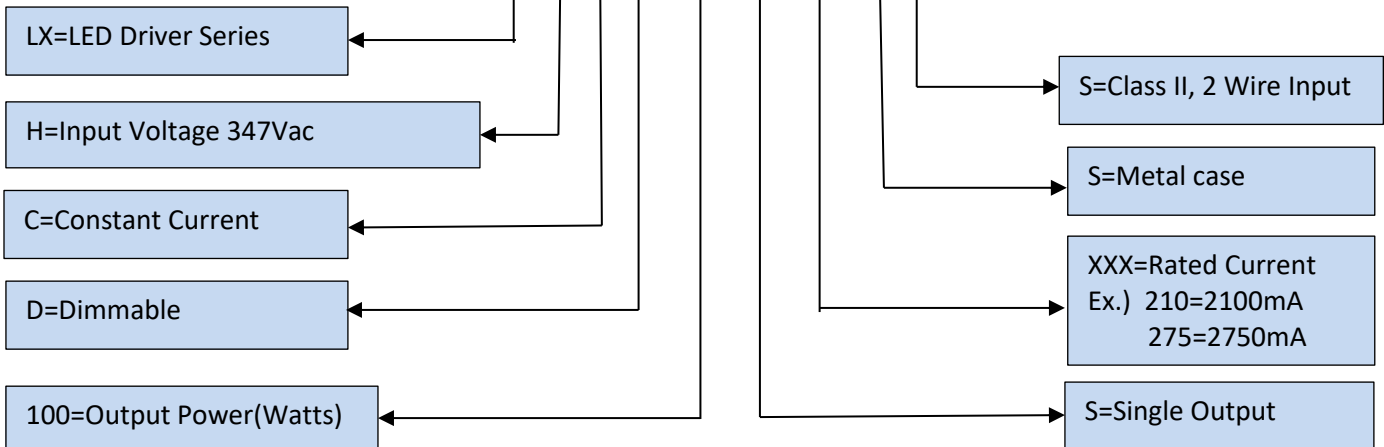
UL/cUL	UL 8750 pending
CE	EN61347-1, EN61347-2-13
FCC, 47CFR Part 15	ANSI C63.4:2009 Class B (Consumer Limit)
EN61000-3-2	Harmonic Current Emissions Class C

■ **Power Rating vs Case Temperature**



**Part Number Scheme**

**LX H C D 100 S XXX S S**



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