

■ Features

- Power Rating: 25W
- Input Voltage: 120Vac ± 10%
- Constant voltage design
- Output current(0-700mA)
- Efficiency up to 85%
- UL Class 2
- OCP, OVP, SCP
- IP20
- 5-year warranty
- Sign Components Manual (SAM)



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

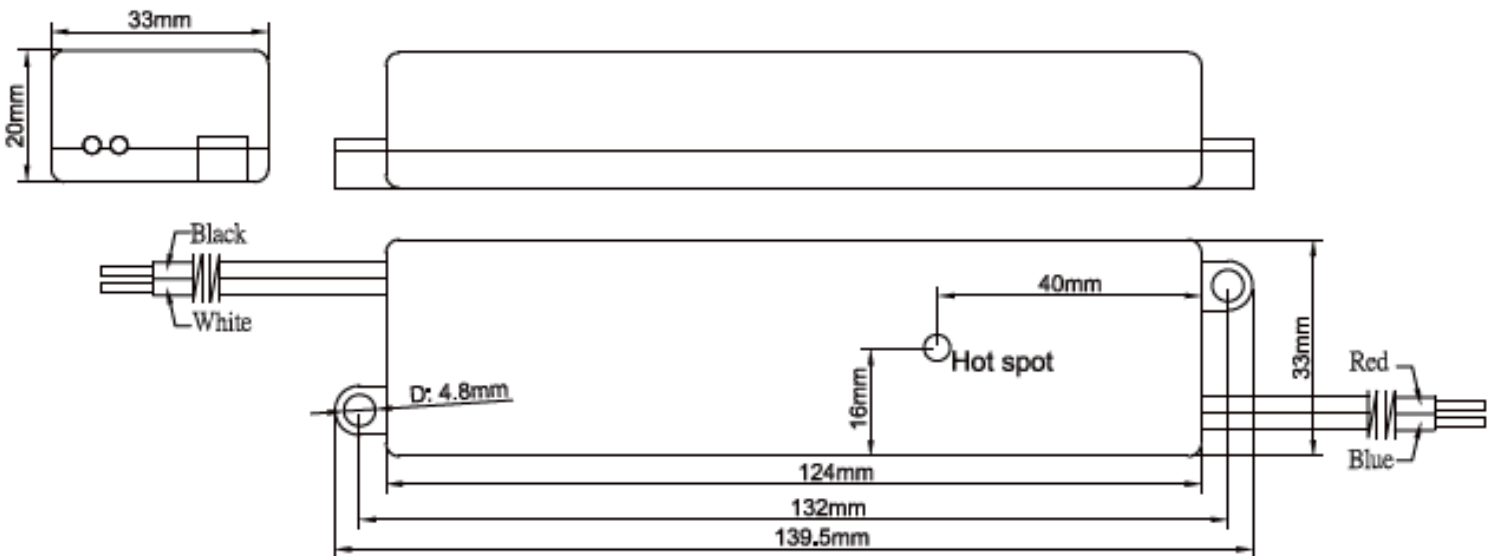
■ Application

- Indoor lights

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

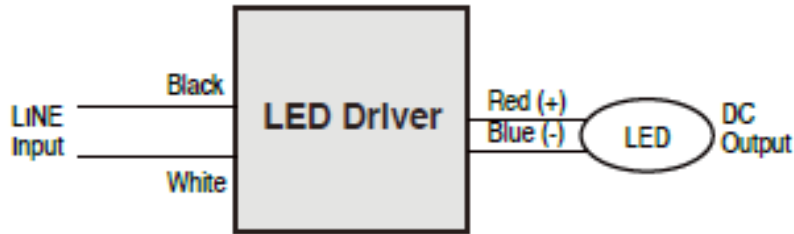
Model Number	Input Voltage Range	Output Power	Output Voltage	Output Current Min.	Output Current Max.	Efficiency	Certification
LXLV-025S036PS-20	120Vac ± 10%	25W	36V	0mA	700mA	85% @120V	UL/cUL

■ Wiring Diagram



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■ Wiring Diagram(Cont.)



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

■ Technical Data

Input voltage range	120~277Vac ± 10%
Frequency	50/60Hz
Power factor	> 0.9 under 120~277Vac input with 80~100% load condition (for all output currents)
Inrush current	TBD
Max input current	TBD
THD	< 20% under 120~277Vac 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	< 0.75s at full load condition
Overshoot	< 10% at full load condition
No Load Power Consumption	TBD
Ripple & Noise (pk-pk)	< 3%
Withstand voltage	Input to output, 2,800Vdc, 2mA
Leakage current	Maximum 0.5mA at 277Vac, 60Hz input
Protection	<p>Over Current: Hic-up Mode, Auto recovery when fault is removed</p> <p>Over Voltage: Hic-up Mode, Auto recovery when fault is removed</p> <p>Short Circuit: Hic-up Mode, Auto recovery when fault is removed</p>

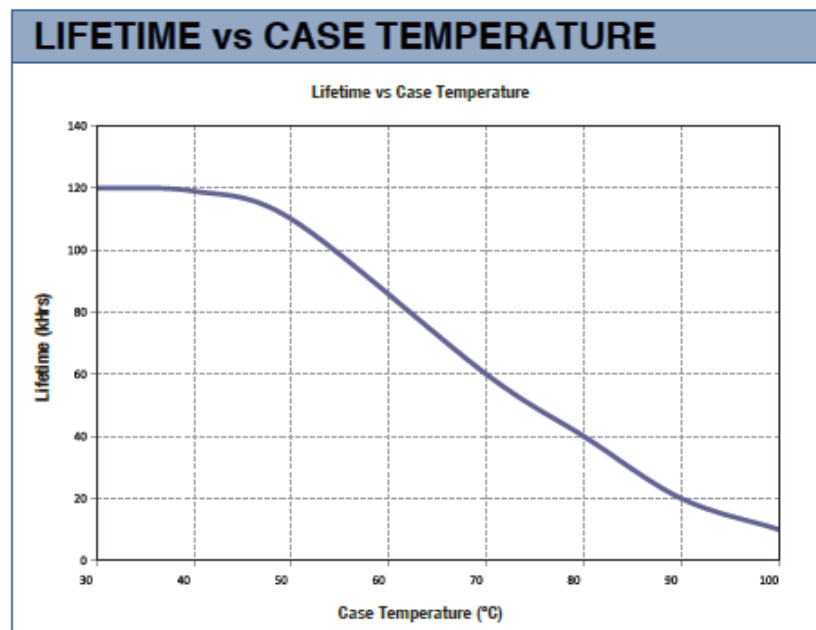
■ **Technical Data(cont.)**

Operating temperature	-40 ~ 60°C
Storage temperature	-40 ~ 85°C
Humidity	5% ~ 95% RH
MTBF	429,000 hours at 40°C (~70°C case temp)
Life rating	52,500 hours at 120Vac input, 100% load and 60°C case temp
Maximum case Temperature	90°C
Length (L)	5.49" (139.5mm)
Width (W)	1.30" (33mm)
Height (H)	0.79" (20mm)
Mounting (M)	5.20" (132mm)

■ **Safety Compliance**

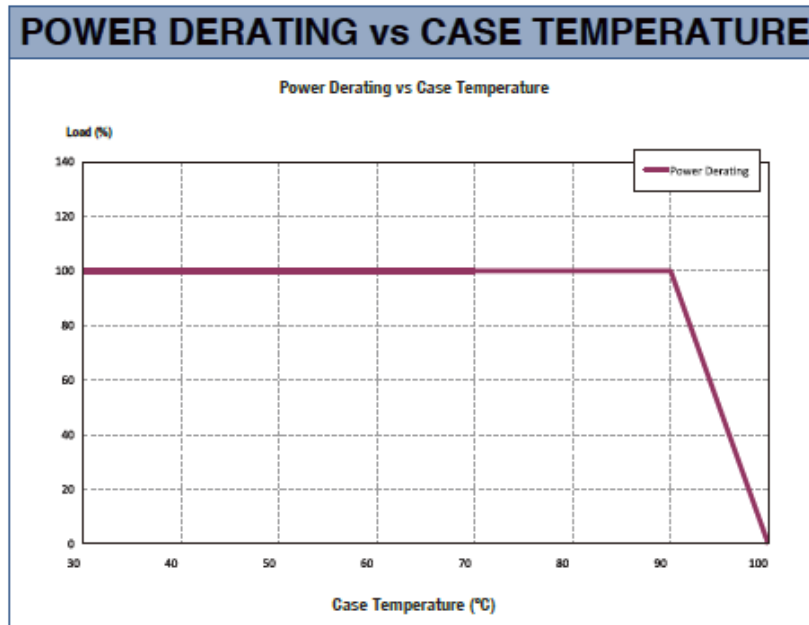
UL/cUL	UL 8750 pending
EN61000-3-2	EN61000-3-2, FCC, 47CFR Part 15 Class B (Consumer Limit)

■ **Lifetime vs Case Temperature**

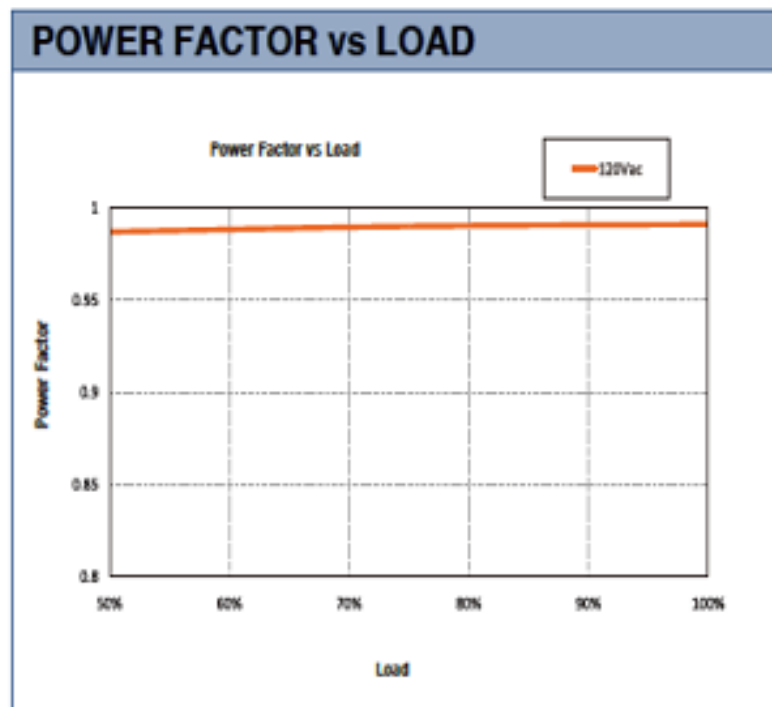


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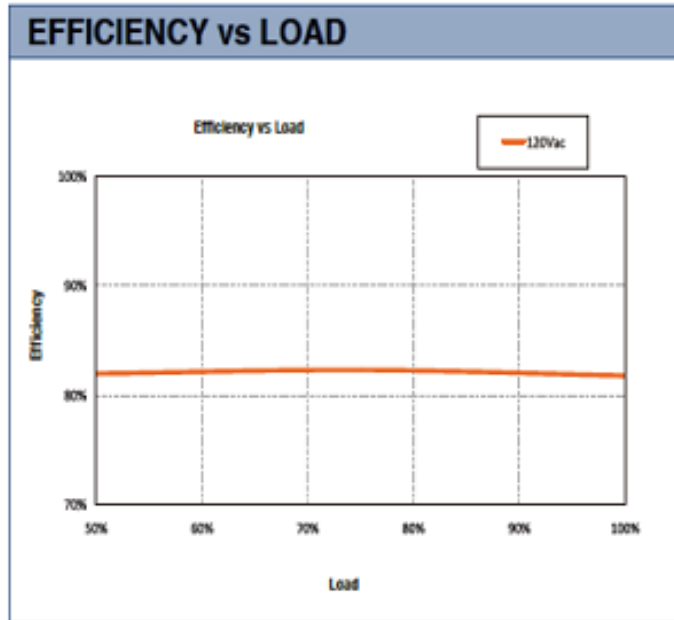
■ Power Derating vs Case Temperature



■ Power Factor vs Load

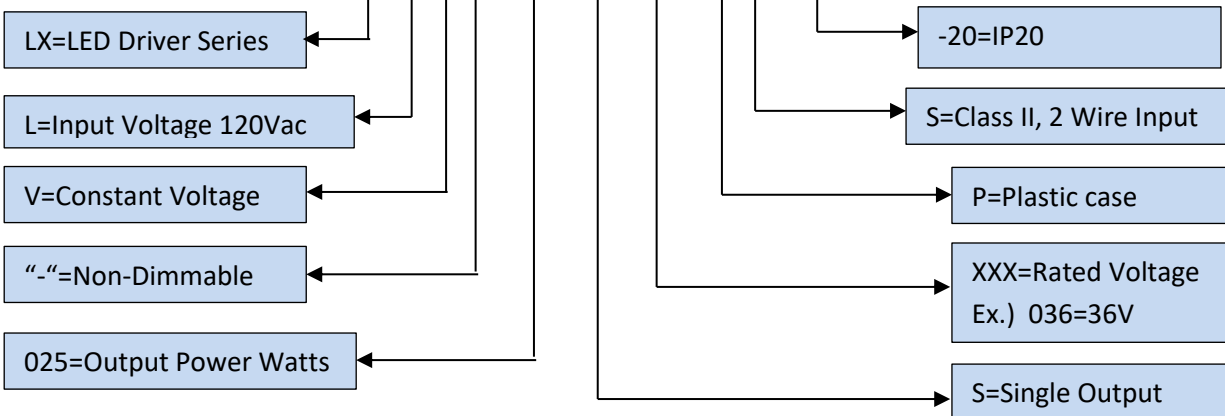


■ Efficiency vs Load



Part Number Scheme

LX L V - 025 S XXX P S -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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