

■ Features

- Power Rating: 34-35W
- Input Voltage: 100-277Vac
- Constant current design
- Fixed output current(600mA-1000mA)
- Efficiency to 88%
- OCP, SCP
- IP65
- 5-year warranty
- Surge Protection(L-N:2KV, LN-GND:4KV)



■ Application

- Indoor or outdoor 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
L12WC-035S100PS	100~277Vac	34W	20-34V	1000mA	1000mA	87%	UL/cUL
L12WC-035S095PS	100~277Vac	34W	20-36V	950mA	950mA	87%	UL/cUL
L12WC-035S090PS	100~277Vac	34W	20-38V	900mA	900mA	87%	UL/cUL
L12WC-035S085PS	100~277Vac	35W	20-41V	850mA	850mA	88%	UL/cUL
L12WC-035S080PS	100~277Vac	35W	28-44V	800mA	800mA	88%	UL/cUL
L12WC-035S075PS	100~277Vac	34.5W	28-46V	750mA	750mA	88%	UL/cUL
L12WC-035S070PS	100~277Vac	35W	28-50V	700mA	700mA	88%	UL/cUL
L12WC-035S065PS	100~277Vac	35W	28-54V	650mA	650mA	88%	UL/cUL
L12WC-035S060PS	100~277Vac	35W	28-58V	600mA	600mA	88%	UL/cUL

■ Technical Data

Input voltage range	100~277Vac
Frequency	47-63Hz
Power factor	> 0.9 under 100~277Vac input @Full load condition
Inrush current	50A @230Vac
Max input current	0.6A @Full load condition
THD	15%@full load
Current Precision	± 5% at full load condition
Efficiency	87%-88%
Ripple current	10%@full load
Overshoot & Undershoot Response	±10% Input@277Vac; Output@ Max. Load
Setup time	2S 100Vac input full load

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■ Technical Datta(cont.)

Output Voltage Rise Time	100ms
Protection	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.
Operating temperature	-30 to 55°C
Storage temperature	-40 to 85°C
Temperature Coefficient	90°C
Operating humidity	20% to 90%
Storage humidity	20% to 90%
MTBF	50,000 hours at (~70°C case temp)
Cooling	Air Cooling
Burn-in Test	Input voltage applied to the LED driver 230Vac, Output Full load@ 40°C; 4 hours Burn-in Test
Length (L)	4.1" (105mm)
Width (W)	1.8" (45mm)
Height (H)	1.14" (29mm)

Note: all parameters are rated under the condition of 25°C, Ripple current is subject to load.

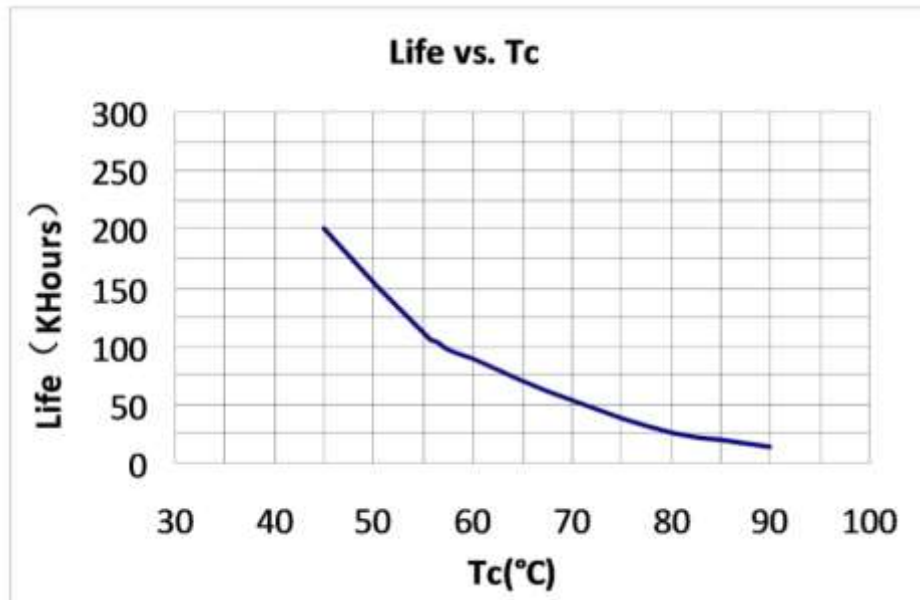
■ Safety Compliance

UL/cUL	UL8750 /UL1310
Dielectric Strength	Input to Output: 3000Vac 1 min. leakage current ≤5mA
Isolation Independence	Input to Output: DC 500V 10MΩmin @ ambient temperature

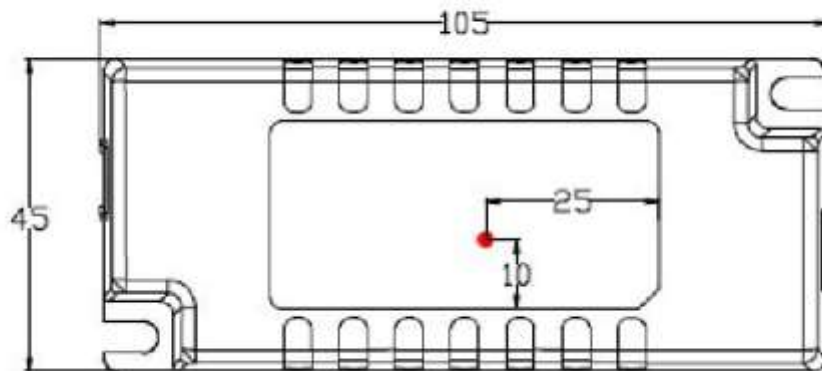
Disclaimer:

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/min



■ Mechanical Diagram

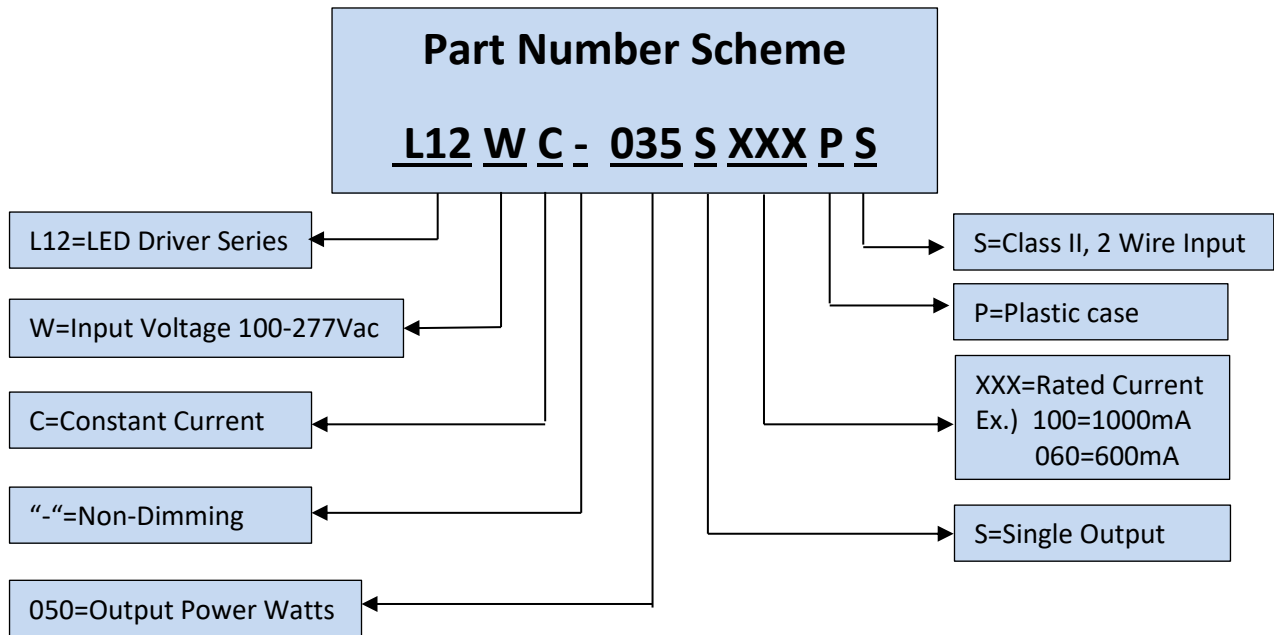


Wire Specifications	
Input	12", UL 1015 #18AWG (Black and White)
Output	12", UL 1015 #18AWG (Red and Black)

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