

■ Features

- Power Rating: 15-24W
- Input Voltage: 100-277Vac
- Constant current design
- Fixed output current(360mA-600mA)
- Efficiency to 86%
- 0-10V Dimming
- 0-100% dimming range
- SCP, LED disconnection protection
- UL certified
- 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
L7WCD025S038SS-L	100~277Vac	15.2W	18-40V	380mA	380mA	86%	UL
L7WCD025S040SS-L	100~277Vac	16W	18-40V	400mA	400mA	86%	UL
L7WCD025S045SS-L	100~277Vac	18W	18-40V	450mA	450mA	86%	UL
L7WCD025S050SS-L	100~277Vac	20W	18-40V	500mA	500mA	86%	UL
L7WCD025S053SS-L	100~277Vac	21.2W	18-40V	530mA	530mA	86%	UL
L7WCD025S060SS-L	100~277Vac	24W	18-40V	600mA	600mA	86%	UL

■ Technical Data

Input voltage range	100~277Vac
Frequency	50/60Hz
Power factor	> 0.9 under 100~277Vac input with 80~100% load condition (for all output currents)
Inrush current	50A @277Vac
Max input current	0.3A @100Vac
Ripple & noise	≤0.5Vp-p
THD	< 20% under 100~277Vac input with 80~100% load condition (for all output currents)
Turn-on Delay Time	1s Max. at full load condition
Protection	<p>LED disconnection protection: If the LED driver is disconnected from power such as hiccup mode, no damage will occur to the Driver.</p> <p>Short circuit protection: Hiccup mode. Protection will trigger when short circuit and will auto recover after the fault mode is removed.</p>

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■ Technical Data(cont.)

Operating Temperature	-20°C to +55°C
Relative Humidity	20%RH to 90%RH
Storage Temperature	-20°C to +70°C
Relative humidity	10%RH to 90%RH
Burn-in	The Power supply shall undergo a minimum of 2-4 hours burn-in test at 45°C ±5°C
MTBF	50,000 hours at 25°C at full load and nominal input condition
Dimensions LxWxH	278x29.5x21mm 10.9x1.16x0.82in
Packing	TBD

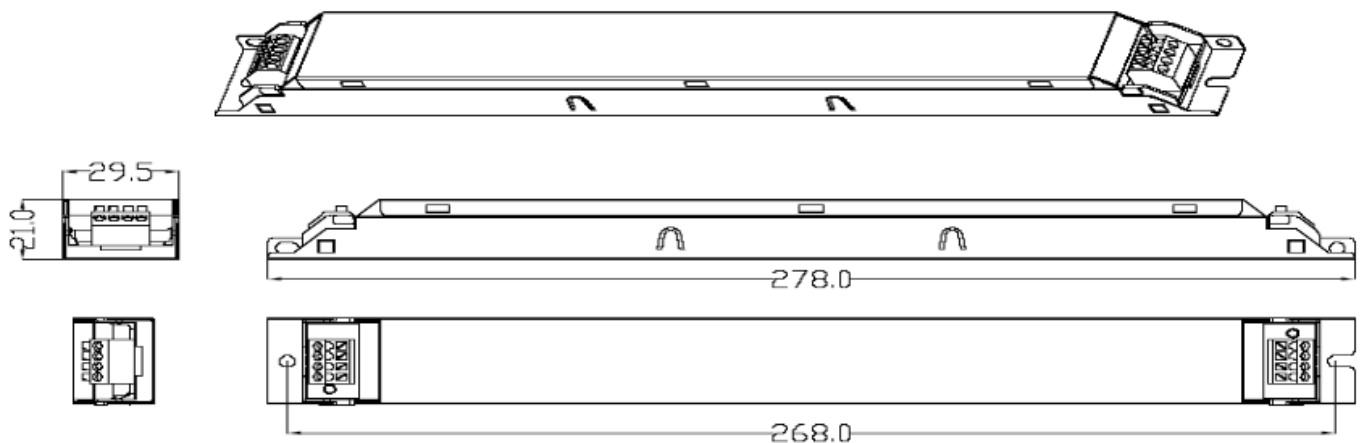
■ Safety Compliance

Dielectric Strength	Primary to Secondary: 2000Vac 5mA Max/60seconds
	Ground to primary: 2000Vac 5mA Max/60seconds
	Ground to Secondary: 600Vac 5mA Max/60seconds
Insulation Resistance	50Ω min at primary to secondary add 500Vdc test voltage
EMI Standard	EN55015:1998, +A1:2000 +A2:2003, Class B. FCC

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.

■ Mechanical Diagram

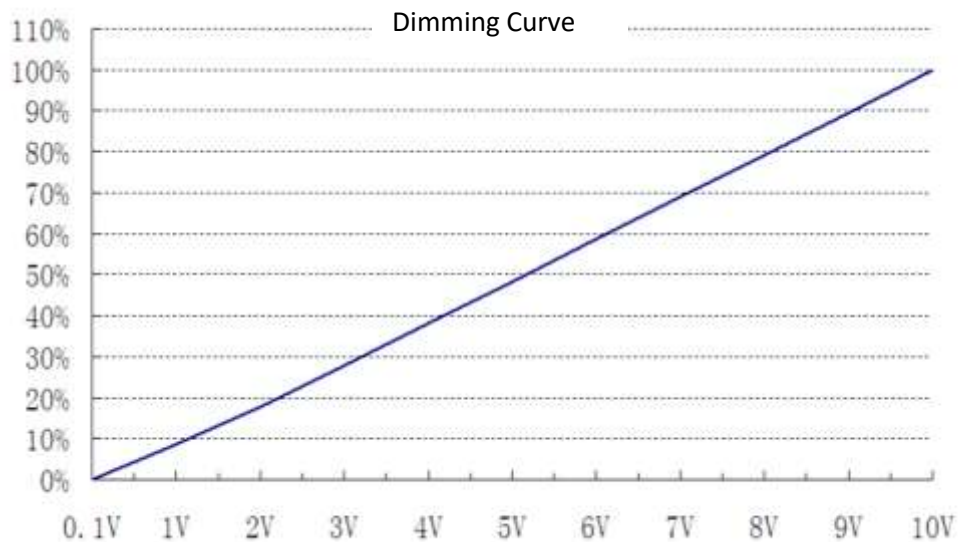


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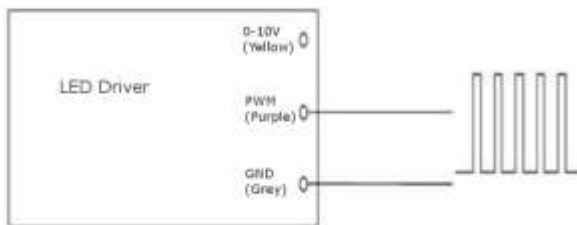
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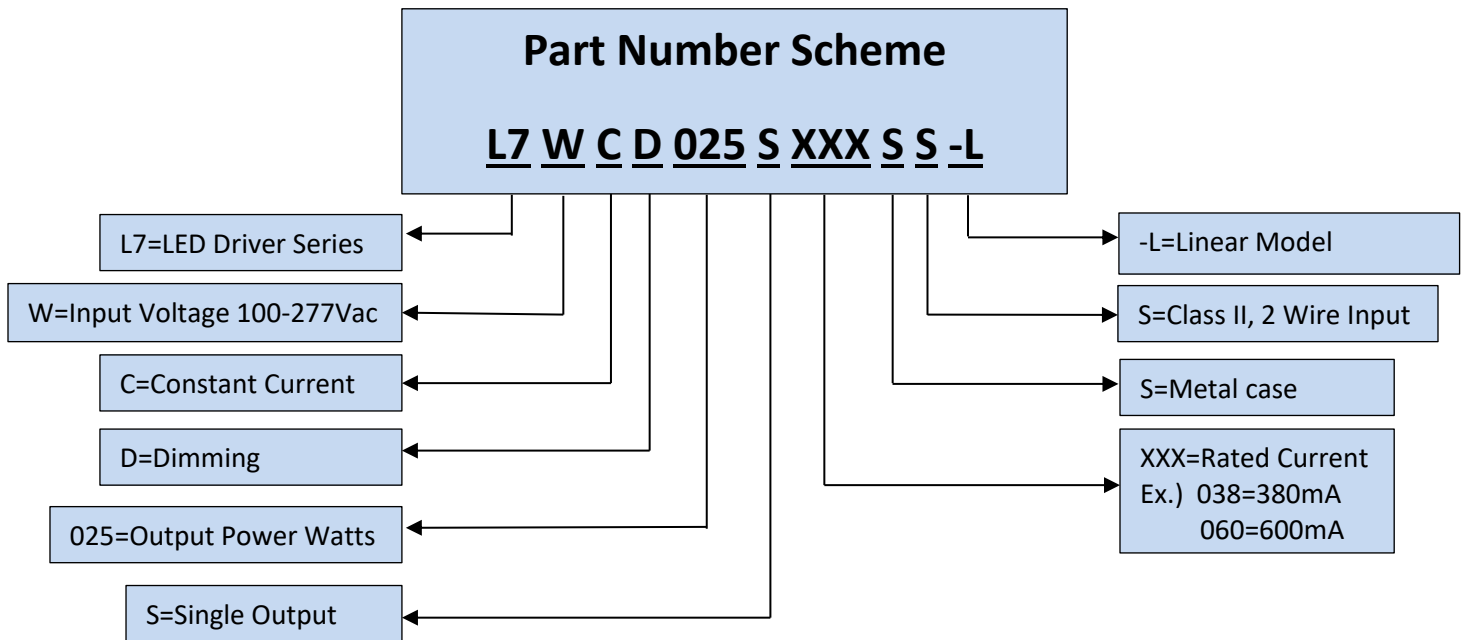
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■ 0-10V Dimming Curve



■ PWM Dimming





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