

## ■ Features

- Power Rating: 60W
- Input Voltage: 120-277Vac
- Constant current design
- Fixed output current(1150mA-1500mA)
- Efficiency to 87%
- 0-10V/PWM Dimming
- Dimming range 5-100%
- Dimming flicker free
- OVP, SCP
- UL Class P, Class II Protection, SELV output
- 5-year warranty
- Surge Protection level L-N: 1kv; L/N-GND: 2kv



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

## ■ 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 110/220Vac	Certification
L7WCD060S115SS-PM05	120~277Vac	60W	27-42V	1150mA	1150mA	87%/88%	UL
L7WCD060S125SS-PM05	120~277Vac	60W	27-42V	1250mA	1250mA	87%/88%	UL
L7WCD060S135SS-PM05	120~277Vac	60W	27-42V	1350mA	1350mA	87%/88%	UL
L7WCD060S145SS-PM05	120~277Vac	60W	27-42V	1450mA	1450mA	87%/88%	UL
L7WCD060S150SS-PM05	120~277Vac	60W	27-42V	1500mA	1500mA	87%/88%	UL

## ■ Technical Data

Input voltage range	120~277Vac
Frequency	50/60Hz
Power factor	> 0.9 under 120~277Vac input with 80~100% load condition (for all output currents)
Inrush current	50A @277Vac
Max input current	0.8A @100Vac
Ripple & noise	<0.5Vp-p
THD	< 20% under 120~277Vac input with 80~100% load condition (for all output currents)
Turn-on Delay Time	1s Max. at full load condition
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. Short circuit protection: Hiccup mode. Protection will trigger when short circuit and will auto recover after the fault mode is removed.

**Technical Sales / Customer Service:** +1-818-338-7788 • Email: [sales@autec.com](mailto:sales@autec.com)

31328 Via Colinas Suite 102 • Westlake Village, CA 91362 USA • [www.autec.com](http://www.autec.com)

July 1, 2019

1 / 4

### ■ Technical Data(cont.)

Case Temperature	80°C
Operating Temperature	-20°C to +45°C
Relative Humidity	20%RH to 90%RH
Storage Temperature	-25°C to +70°C
Relative humidity	10%RH to 90%RH
Burn-in	The Power supply shall under go 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	186.7x83x33.9mm 7.35x3.3x1.33in
Packing	16pcs per carton

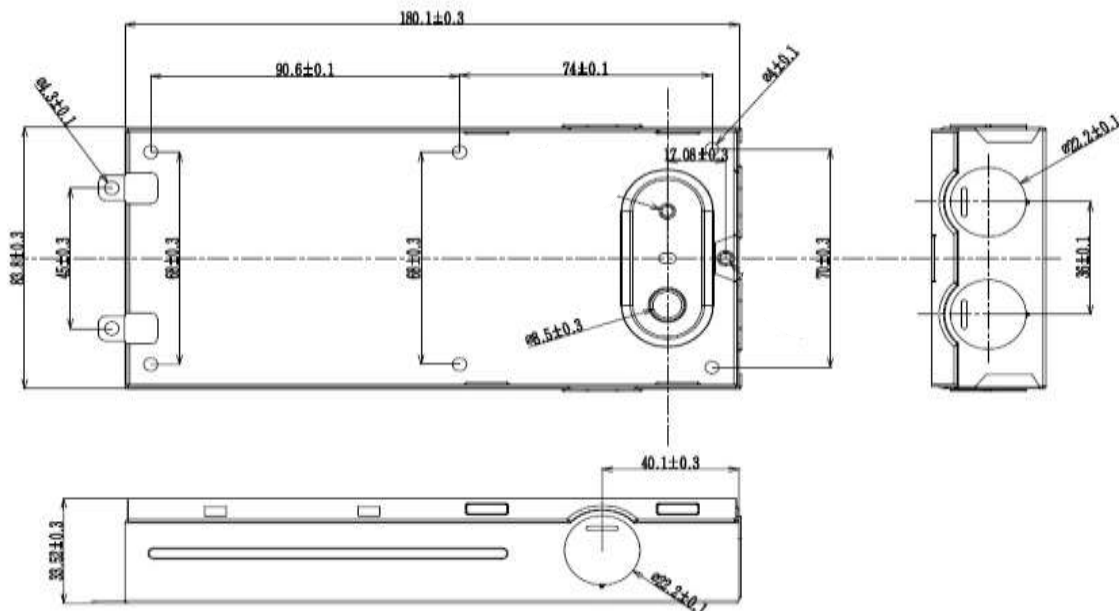
### ■ Safety Compliance

Dielectric Strength	Primary to Secondary: 1800Vac 5mA Max/60seconds
	Ground to primary: 1800Vac 5mA Max/60seconds
	Ground to Secondary: 500Vac 5mA Max/60seconds
Insulation Resistance	50Ω min at primary to secondary add 500Vdc test voltage
EMI Standard	FCC, Class B

#### 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.

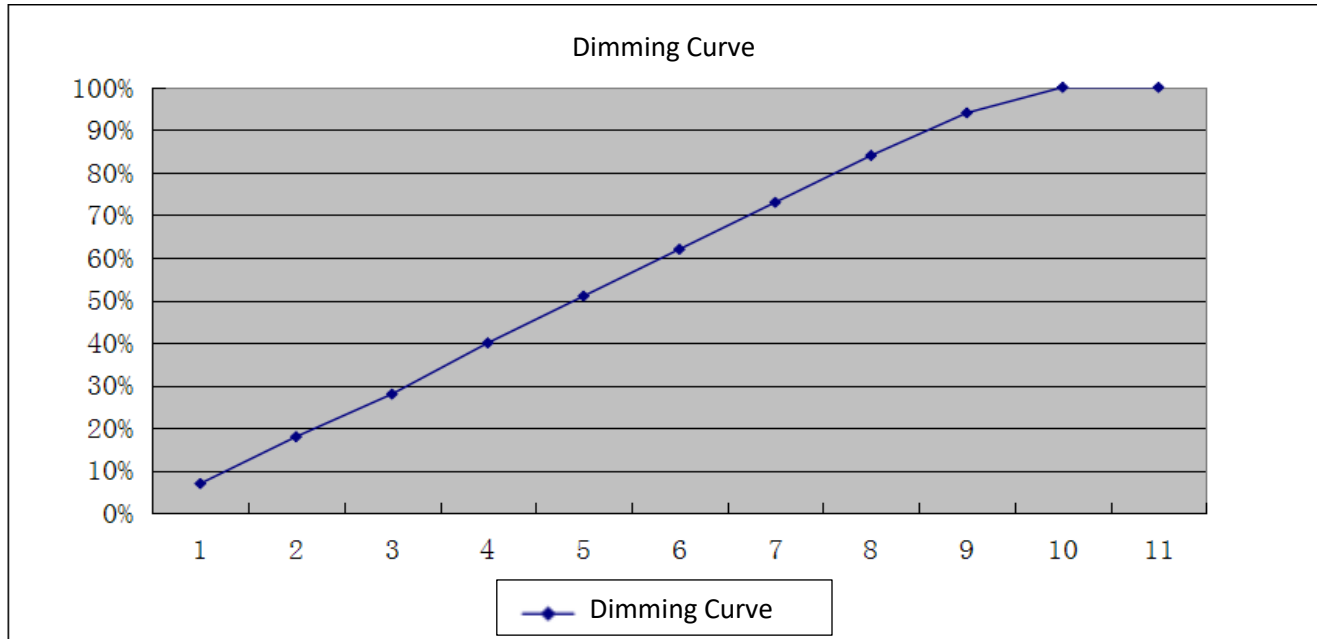
### ■ Mechanical Diagram



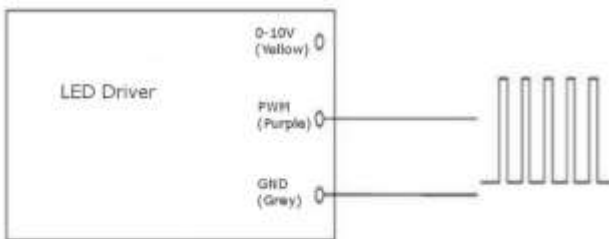
**Technical Sales / Customer Service:** +1-818-338-7788 • Email: [sales@autec.com](mailto:sales@autec.com)  
 31328 Via Colinas Suite 102 • Westlake Village, CA 91362 USA • [www.autec.com](http://www.autec.com)

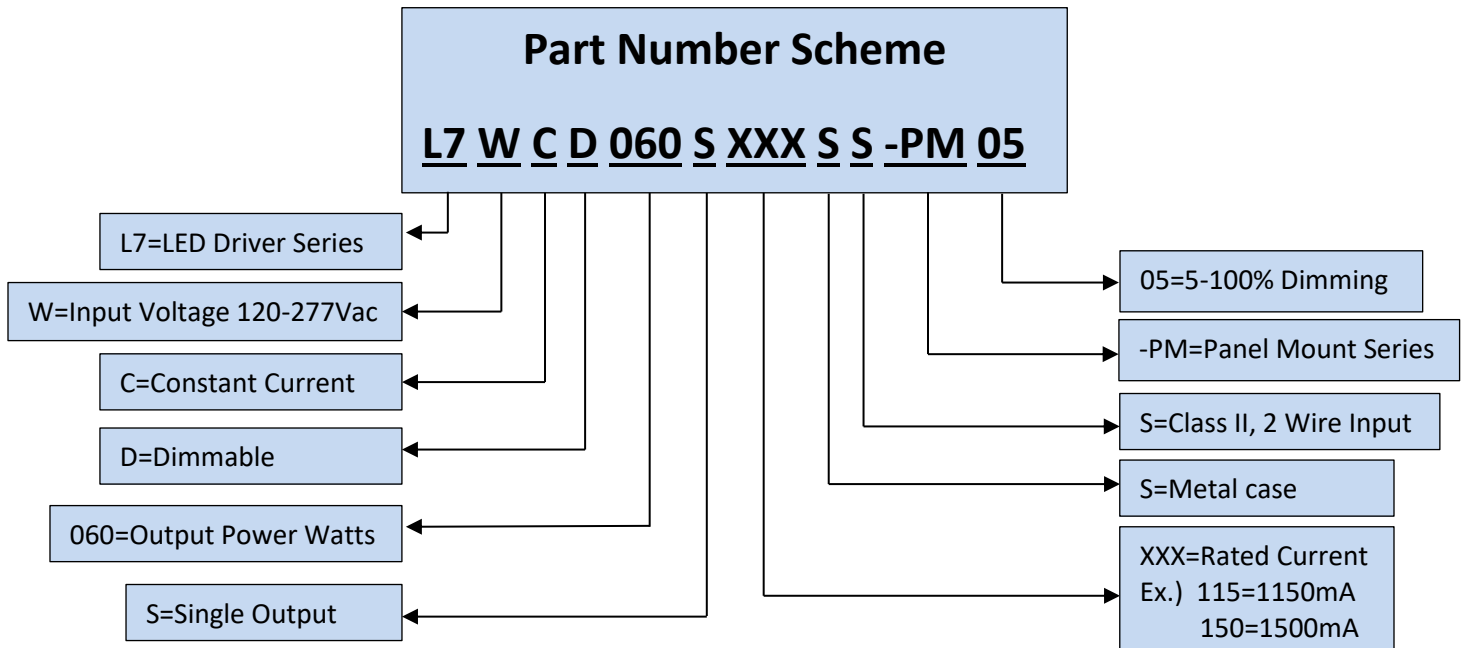
July 1, 2019

## ■ 0-10V Dimming Curve



## ■ PWM Dimming





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

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