



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

■ Features

- Power Rating: 80W
- Input Voltage: 347Vac
- Constant Current design
- Output current (1050-2100mA)
- 3 in 1 Dimming (PWM, 1-10V, resistance)
- Near Field Communication Programmable
- Efficiency up to 87%
- UL Class 2 Output
- IP64
- 5-year warranty $T_c \leq 75^\circ\text{C}$
- 3-year warranty $75^\circ\text{C} \leq T_c \leq 90^\circ\text{C}$
- Surge Rating: 2KV
- Made-in-Taiwan

■ Application

- Outdoor applications

■ 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
LNACP080S210ST-L	347Vac	80W	27-55V	1050mA	2100mA	87%	UL/cUL

■ Technical Data

Start Temp.	32°F/0°C
Tcase Temp.	194°F/90°C
Frequency	50/60Hz
Power factor	Min. 0.9
Output voltage	27-55V
Output power	80W
Max input current	0.26@347Vac
Max. Input Power	91W
THD	Max. 20%
Case Dimensions LxWxH	395x38x27.5mm 15.55x1.49x1.08in
Mounting	387mm/15.23in

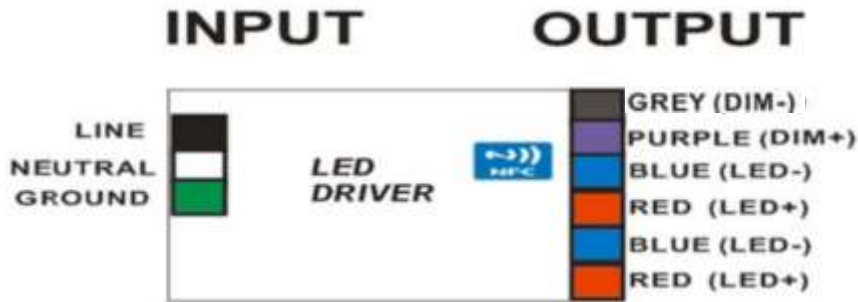
Disclaimer:

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.

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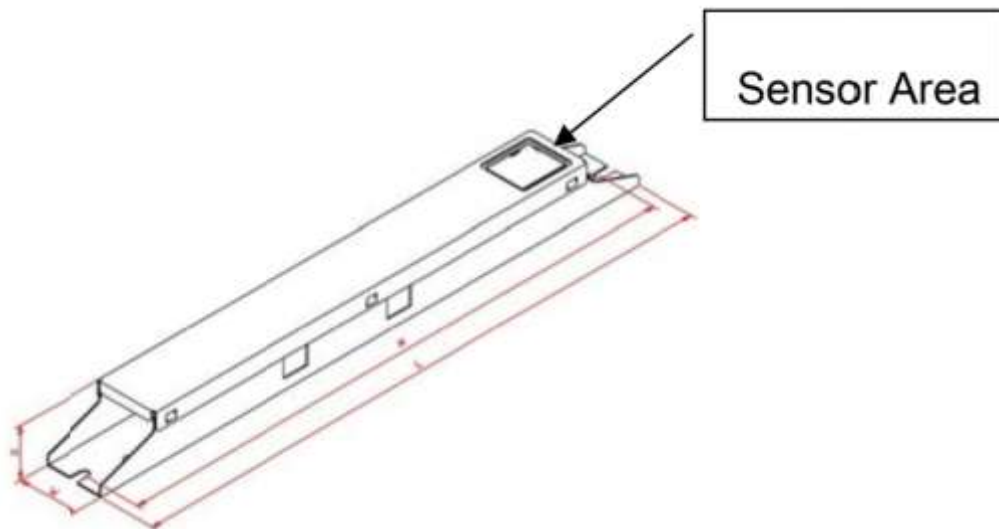
■ Wiring Diagram



Maximum Wiring Distance (at full load) is 18AWG/18Feet

Lead Length	Inch	mm
Black	NA	NA
White	NA	NA
Green	NA	NA
Red	NA	NA
Blue	NA	NA
Purple	NA	NA
Grey	NA	NA

■ Mechanical Diagram



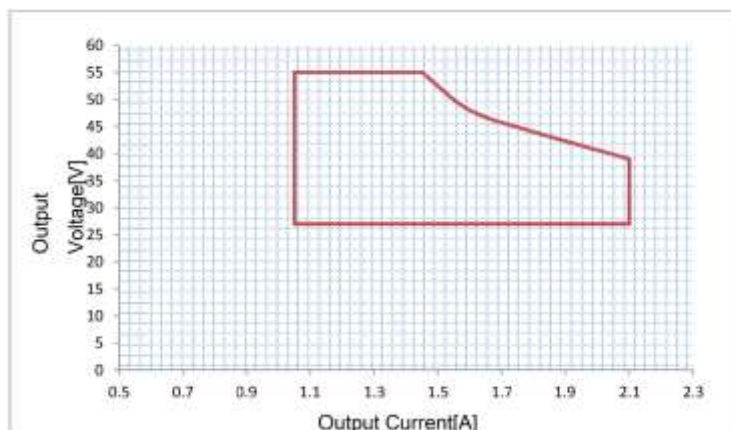
■ Near Field Communication Controller



NOTE:

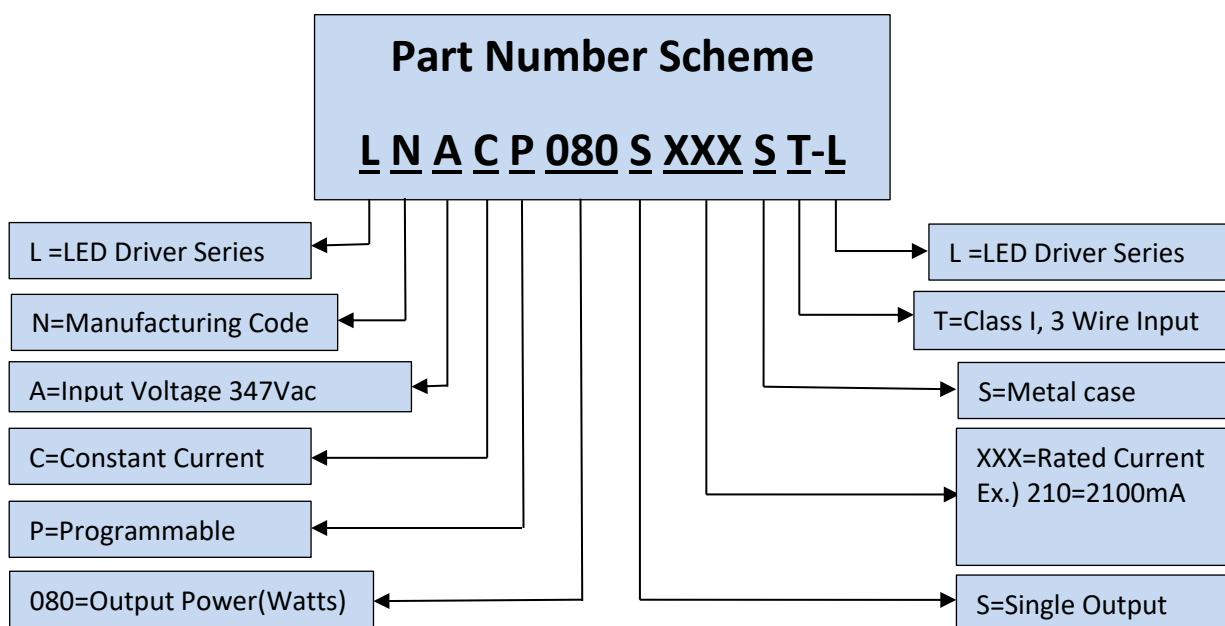
1. The Near Field Communication controller can program the output current, voltage and timer delays.
2. The Near Field Communication programming is a non-contact process, therefore much safer compared to traditional programming methods.
3. Power devices can be programmed without AC power applied to the driver.

■ **I_{out} Vs V_{out} Curve**



■ **Output Current Code List**

Output Current Code List				
Current Value (mA)	Corresponding I _{out} Code			
1050	7F	03	00	03
1100	9D	03	00	03
1150	88	03	00	03
1200	ED	03	00	03
1250	15	04	00	03
1300	29	04	00	03
1350	4C	04	00	03
1400	6F	04	00	03
1450	92	04	00	03
1500	B2	04	00	03
1550	D8	04	00	03
1600	F9	04	00	03
1650	1E	05	00	03
1700	46	05	00	03
1750	67	05	00	03
1800	8C	05	00	03
1850	AF	05	00	03
1900	D2	05	00	03
1950	F0	05	00	03
2000	0E	06	00	03
2050	34	06	00	03
2100	5E	06	00	03



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