

■ Features

- Power Rating: 98W
- Input Voltage: 347Vac
- Constant Current design
- Output current (1400-2750mA)
- 3 in 1 Dimming (PWM, 1-10V, resistance)
- Near Field Communication Programmable
- Efficiency up to 86%
- UL Class 2 Output
- IP30
- 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



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

■ 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
LNACP098S275ST-L	347Vac	98W	27-55V	1400mA	2750mA	86%	UL/cUL

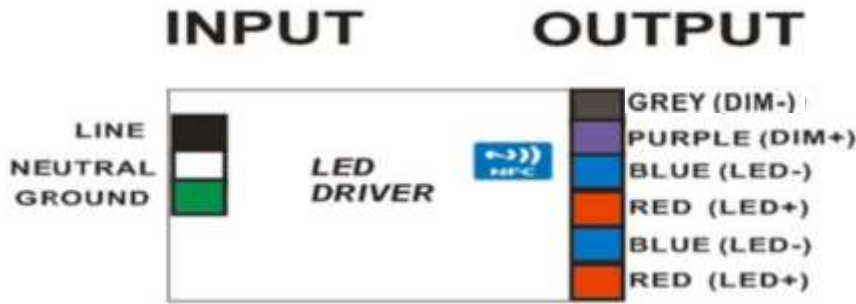
■ Technical Data

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	98W	
Max input current	0.32@347Vac	
Max. Input Power	113W	
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.

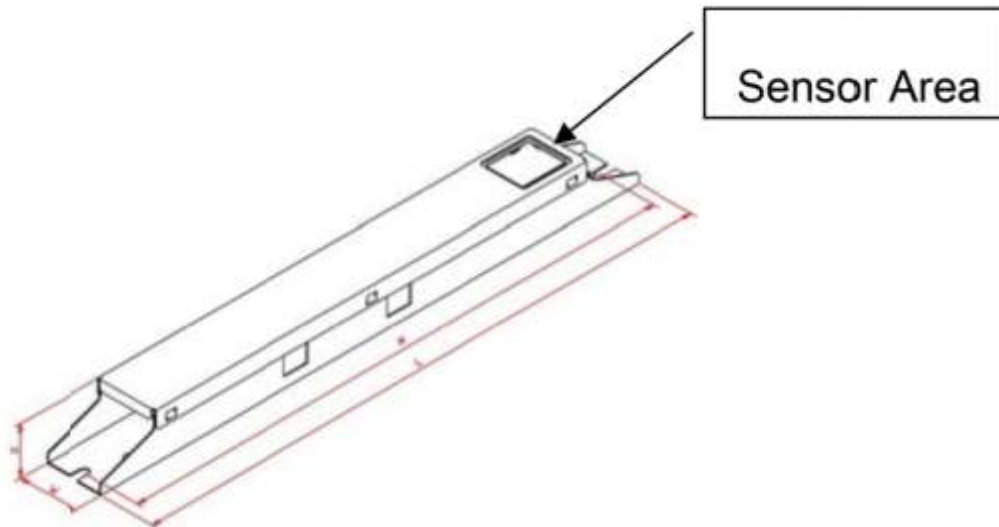
■ Wiring Diagram



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



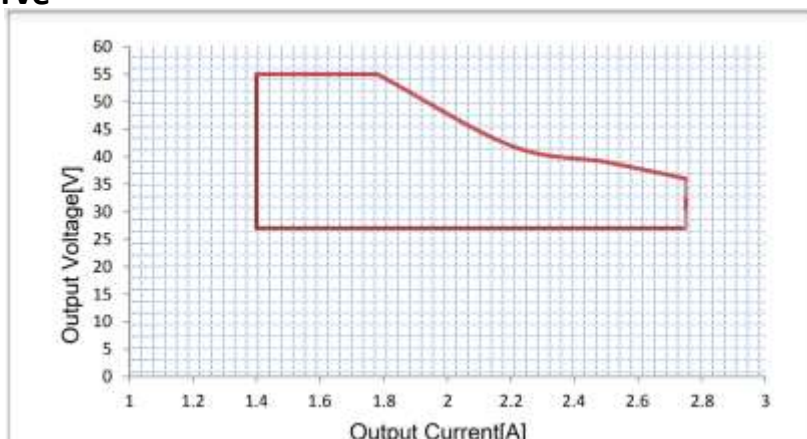
■ Near Field Communication Controller



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.

■ **Iout Vs Vout Curve**



■ **Output Current Code List**

Output Current Code List				
Current Value (mA)	Corresponding Iout Code			
1400	F1	04	00	06
1450	14	05	00	06
1500	41	05	00	06
1550	64	05	00	06
1600	8C	05	00	06
1650	AF	05	00	06
1700	D7	05	00	06
1750	FF	05	00	06
1800	27	06	00	06
1850	4C	06	00	06
1900	72	06	00	06
1950	9A	06	00	06
2000	B3	06	00	06
2050	EA	07	00	06
2100	03	07	00	06
2150	3A	07	00	06
2200	53	07	00	06
2250	85	07	00	06
2300	9E	07	00	06
2350	D5	07	00	06
2400	EE	07	00	06
2450	25	08	00	06
2500	3E	08	00	06

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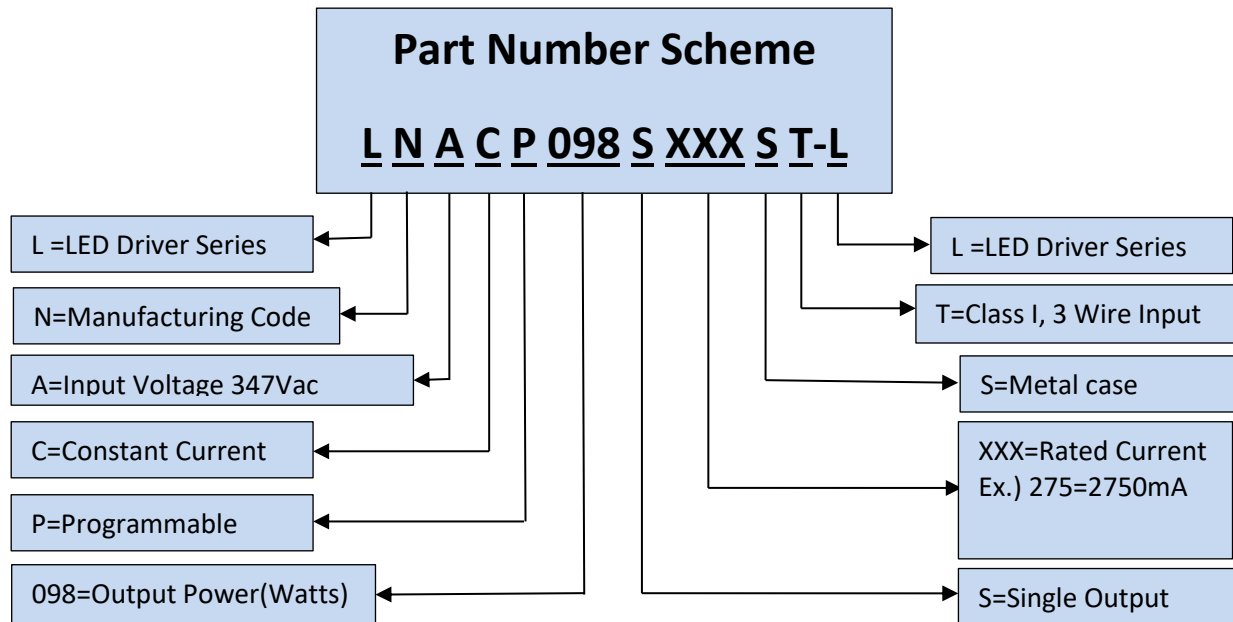
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■ **Output Current Code List(cont.)**

2550	66	08	00	06
2600	8E	08	00	06
2650	B6	08	00	06
2700	D4	08	00	06
2750	F2	08	00	06



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