



## ELECTRONIC LED DRIVERS

LED Driver Type	Constant Current (Class 1) @ IP66
	Constant Current (Class 2) @ IP20
Maximum Wattage	50 Watts
Input Voltage	120-277 VAC ± 10% Universal
Input Frequency	50/60Hz

<b>APPROVALS:</b>
- UL 8750 recognized component
- EN61000 - 3 - 2
 



## ELECTRICAL SPECIFICATIONS

Watts	Rated Current (mA)	Output Voltage	Dimming Type	Input Voltage	Input Power	Input Current 120/277V	Power Factor	Output Voltage	Efficiency	Hatch Part Number	Case Style
-------	--------------------	----------------	--------------	---------------	-------------	------------------------	--------------	----------------	------------	-------------------	------------

### Dimming Models: Single-Channel Outputs

50	530mA	47-94 VDC	0-10 Volt Dimming	Universal 120 - 277 VAC	60W	0.56A / 0.26A	>0.90	50W	83%	LC50-0530Z-UNV-L	L
	1050mA	24-48 VDC	0-10 Volt Dimming	Universal 120 - 277 VAC	60W	0.55A / 0.26A	>0.90	50W	83%	LC50-1050Z-UNV-F	F

### Dimming Models: Multi-Channel Outputs

50	350mA	18-36 VDC	0-10 Volt Dimming	Universal 120 - 277 VAC	61W	0.56A / 0.26A	>0.90	50W (4 x 12.5W output)	82%	LC50Q-0350Z-UNV-I	I
	445mA	14-28 VDC	0-10 Volt Dimming	Universal 120 - 277 VAC	61W	0.56A / 0.26A	>0.90	50W (4 x 12.5W output)	82%	LC50Q-0445Z-UNV-I	I
	700mA	18-36 VDC	0-10 Volt Dimming	Universal 120 - 277 VAC	61W	0.56A / 0.26A	>0.90	50W (2 x 25W output)	82%	LC50D-0700Z-UNV-I	I

### Non-Dimming Models: Single-Channel Outputs

50	250mA	120-200 VDC	Non-Dimming	Universal 120 - 277 VAC	50W		>0.90	50W	92%	LC50-0250N-UNV-Z	Z
	350mA	85-142 VDC	Non-Dimming	Universal 120 - 277 VAC	50W		>0.90	50W	92%	LC50-0350N-UNV-Z	Z
	500mA	60-100 VDC	Non-Dimming	Universal 120 - 277 VAC	50W		>0.90	50W	92%	LC50-0500N-UNV-Z	Z
	700mA	43-72 VDC	Non-Dimming	Universal 120 - 277 VAC	50W		>0.90	50W	91%	LC50-0700N-UNV-Z	Z
	910mA	32-54 VDC	Non-Dimming	Universal 120 - 277 VAC	50W		>0.90	50W	91%	LC50-0910N-UNV-Z	Z
	1040mA	29-48 VDC	Non-Dimming	Universal 120 - 277 VAC	50W		>0.90	50W	90%	LC50-1040N-UNV-Z	Z
	1250mA	25-41 VDC	Non-Dimming	Universal 120 - 277 VAC	50W		>0.90	50W	89%	LC50-1250N-UNV-Z	Z
	1400mA	21-36 VDC	Non-Dimming	Universal 120 - 277 VAC	50W		>0.90	50W	88%	LC50-1400N-UNV-Z	Z
	1750mA	17-28 VDC	Non-Dimming	Universal 120 - 277 VAC	50W		>0.90	50W	87%	LC50-1750N-UNV-Z	Z
	2100mA	16-26 VDC	Non-Dimming	Universal 120 - 277 VAC	50W		>0.90	50W	86%	LC50-2100N-UNV-Z	Z
	4200mA	7-12 VDC	Non-Dimming	Universal 120 - 277 VAC	50W		>0.90	50W	85%	LC50-4200N-UNV-Z	Z

### PRODUCT FEATURES :

- Protection: Short circuit and overload protection
- EMC: Meets FCC47 CFR Part 15 (Class B) Consumer Limits @ 120V
- EMC: Meets FCC47 CFR Part 15 (Class A) Non Consumer limits @ 277V
- (I,F) Case Style: Type 1 Outdoor, suitable for dry and damp locations (IP20)
- (L) Case Style: IP66

- Withstanding Voltage: I/P – O/P 2kVAC
- Temperature Range for Single - Channel Models: -30° - 60°C
- Temperature Range for Multi - Channel Models: -30° - 60°C

## CASE DIMENSIONS & MECHANICAL SPECIFICATIONS ON PAGE 2

LED Driver Type	Constant Current (Class 1) @ IP66
	Constant Current (Class 2) @ IP20
Maximum Wattage	50 Watts
Input Voltage	120-277 VAC ± 10% Universal
Input Frequency	50/60Hz

### APPROVALS:

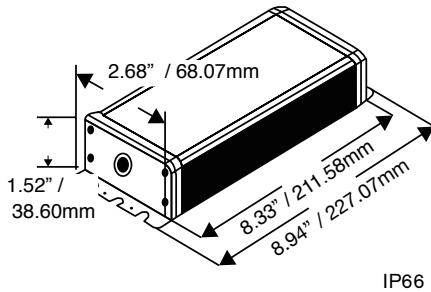
- UL 8750 recognized component
- EN61000 - 3 -2



# L SERIES LED DRIVERS

### CASE DIMENSIONS & MECHANICAL SPECIFICATIONS:

### DIMMING WIRING DIAGRAM:



IP66

#### CASE STYLE

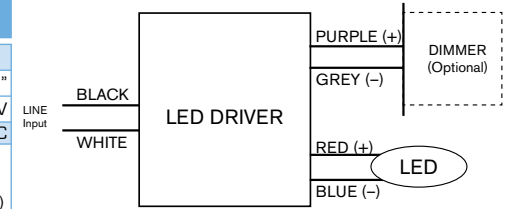
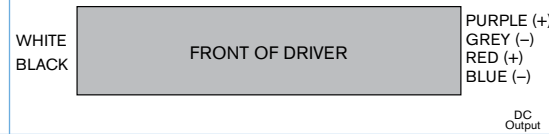
### L - Aluminum Casing

#### Wiring Information

Input : 12", UL1316 #18AWG (Black and White)

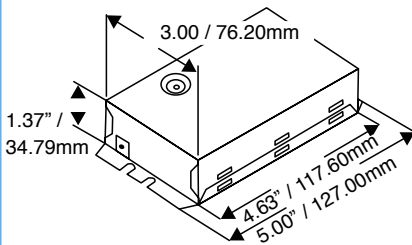
Output : 12", UL1316/1430 #22AWG (Red and Blue)

Tc Point Location Max. T c Point Temp.: 90°C



#### Packaging Information

Weight : 35.27oz  
Quantity : 15pcs/carton



#### CASE STYLE

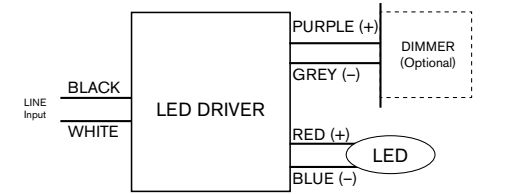
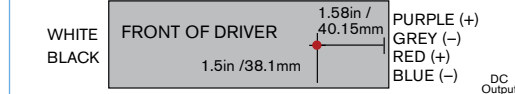
### F - Metal Casing

#### Wiring Information

Input : 12", UL1316 #18AWG (Black and White)

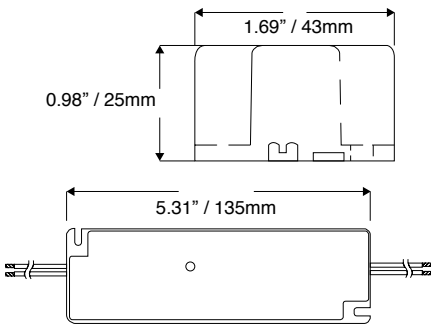
Output : 12", UL1316/1430 #22AWG (Red and Blue)

Tc Point Location Max. T c Point Temp.: 90°C



#### Packaging Information

Weight : 22.22oz  
Quantity : 40pcs/carton



#### CASE STYLE

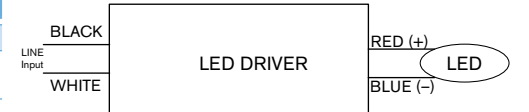
### Z - Polycarbonate Casing

#### Wiring Information

Input : 12", UL 1015 #18AWG (Black and White)

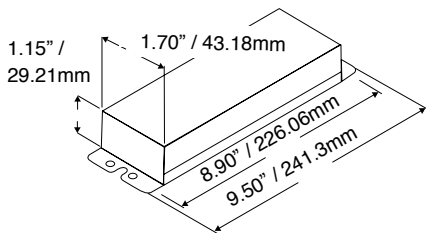
Output : 12", UL1569 #18AWG (Red and Black)

Tc Point Location Max. T c Point Temp.: 90°C



#### Packaging Information

Weight : 22.22oz  
Quantity : 40pcs/carton



#### CASE STYLE

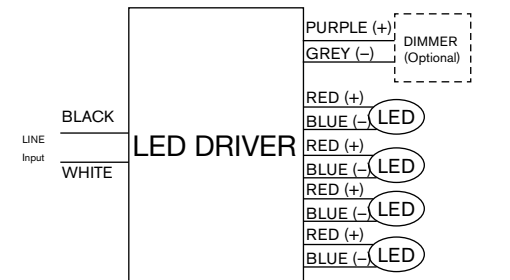
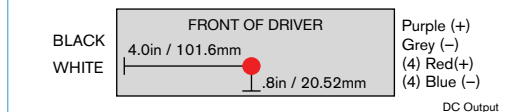
### I - Polycarbonate Casing

#### Wiring Information

Input : 12", UL1316 #18AWG (Black and White)

Output : 12", UL 1316/1430 #22AWG (Red and Blue)

Tc Point Location Max. T c Point Temp.: 90°C



#### Packaging Information

Weight : 17.63oz  
Quantity : 40pcs/carton