

|                 |                                                                |
|-----------------|----------------------------------------------------------------|
| LED Driver Type | Constant Current (Class 2)                                     |
| Maximum Wattage | 16 Watts                                                       |
| Input Voltage   | 120-277 VAC $\pm$ 10% Universal<br>120 VAC $\pm$ 10% Dedicated |
| Input Frequency | 50/60Hz                                                        |

### APPROVALS:

- UL 8750 recognized component  
- EN61000-3-2



# L SERIES

## LED DRIVERS

## ELECTRICAL SPECIFICATIONS

| Watts              | Rated Current (mA) | Output Voltage | Dimming Type  | Input Voltage           | Input Power | Input Current 120/277V | Power Factor | Efficiency | Hatch Part Number | Case Style |
|--------------------|--------------------|----------------|---------------|-------------------------|-------------|------------------------|--------------|------------|-------------------|------------|
| Dimming Models     |                    |                |               |                         |             |                        |              |            |                   |            |
| 16                 | 350mA              | 15-46 VDC      | Phase Dimming | 120 VAC                 | 20W         | 0.18A                  | >0.90        | 80%        | LC16-0350P-120-D  | D          |
|                    | 350mA              | 15-46 VDC      | Phase Dimming | 120 VAC                 | 20W         | 0.18A                  | >0.90        | 80%        | LC16-0350P-120-Q  | Q          |
|                    | 400mA              | 13-40 VDC      | Phase Dimming | 120 VAC                 | 20W         | 0.18A                  | >0.90        | 80%        | LC16-0400P-120-D  | D          |
|                    | 400mA              | 13-40 VDC      | Phase Dimming | 120 VAC                 | 20W         | 0.18A                  | >0.90        | 80%        | LC16-0400P-120-Q  | Q          |
|                    | 500mA              | 10-32 VDC      | Phase Dimming | 120 VAC                 | 20W         | 0.18A                  | >0.90        | 80%        | LC16-0500P-120-D  | D          |
|                    | 500mA              | 10-32 VDC      | Phase Dimming | 120 VAC                 | 20W         | 0.18A                  | >0.90        | 80%        | LC16-0500P-120-Q  | Q          |
|                    | 600mA              | 9-27 VDC       | Phase Dimming | 120 VAC                 | 20W         | 0.18A                  | >0.90        | 80%        | LC16-0600P-120-D  | D          |
|                    | 600mA              | 9-27 VDC       | Phase Dimming | 120 VAC                 | 20W         | 0.18A                  | >0.90        | 80%        | LC16-0600P-120-Q  | Q          |
|                    | 700mA              | 8-23 VDC       | Phase Dimming | 120 VAC                 | 20W         | 0.18A                  | >0.90        | 80%        | LC16-0700P-120-D  | D          |
|                    | 700mA              | 7-23 VDC       | Phase Dimming | 120 VAC                 | 20W         | 0.18A                  | >0.90        | 80%        | LC16-0700P-120-Q  | Q          |
|                    | 1000mA             | 6-16 VDC       | Phase Dimming | 120 VAC                 | 20W         | 0.18A                  | >0.90        | 80%        | LC16-1000P-120-D  | D          |
|                    | 1000mA             | 6-16 VDC       | Phase Dimming | 120 VAC                 | 20W         | 0.18A                  | >0.90        | 80%        | LC16-1000P-120-Q  | Q          |
|                    | 1050mA             | 6-16 VDC       | Phase Dimming | 120 VAC                 | 20W         | 0.18A                  | >0.90        | 80%        | LC16-1050P-120-D  | D          |
|                    | 1050mA             | 6-16 VDC       | Phase Dimming | 120 VAC                 | 20W         | 0.18A                  | >0.90        | 80%        | LC16-1050P-120-Q  | Q          |
|                    | 1200mA             | 6-13 VDC       | Phase Dimming | 120 VAC                 | 20W         | 0.18A                  | >0.90        | 80%        | LC16-1200P-120-D  | D          |
| 16                 | 350mA              | 23-46 VDC      | 0-10V Dimming | Universal 120 - 277 VAC | 20W         | 0.19A/0.09A            | >0.90        | 80%        | LC16-0350Z-UNV-Q  | Q          |
|                    | 500mA              | 16-32 VDC      | 0-10V Dimming | Universal 120 - 277 VAC | 20W         | 0.19A/0.09A            | >0.90        | 80%        | LC16-0500Z-UNV-Q  | Q          |
|                    | 700mA              | 12-23 VDC      | 0-10V Dimming | Universal 120 - 277 VAC | 20W         | 0.19A/0.09A            | >0.90        | 80%        | LC16-0700Z-UNV-Q  | Q          |
| Non-Dimming Models |                    |                |               |                         |             |                        |              |            |                   |            |
| 16                 | 350mA              | 15-46 VDC      | Non-Dimming   | Universal 120 - 277 VAC | 20W         | 0.16A / 0.07A          | >0.90        | 80%        | LC16-0350N-UNV-D  | D          |
|                    | 400mA              | 13-40 VDC      | Non-Dimming   | Universal 120 - 277 VAC | 20W         | 0.19A / 0.09A          | >0.90        | 80%        | LC16-0400N-UNV-D  | D          |
|                    | 500mA              | 10-32 VDC      | Non-Dimming   | Universal 120 - 277 VAC | 20W         | 0.19A / 0.09A          | >0.90        | 80%        | LC16-0500N-UNV-D  | D          |
|                    | 600mA              | 10-27 VDC      | Non-Dimming   | Universal 120 - 277 VAC | 20W         | 0.19A / 0.09A          | >0.90        | 80%        | LC16-0600N-UNV-D  | D          |
|                    | 700mA              | 9-23VDC        | Non-Dimming   | Universal 120 - 277 VAC | 20W         | 0.19A / 0.09A          | >0.90        | 80%        | LC16-0700N-UNV-D  | D          |
|                    | 1000mA             | 6-16 VDC       | Non-Dimming   | Universal 120 - 277 VAC | 20W         | 0.19A / 0.09A          | >0.90        | 80%        | LC16-1000N-UNV-D  | D          |
|                    | 1050mA             | 6-16 VDC       | Non-Dimming   | Universal 120 - 277 VAC | 20W         | 0.16A / 0.07A          | >0.90        | 80%        | LC16-1050N-UNV-D  | D          |
|                    | 1200mA             | 6-13 VDC       | Non-Dimming   | Universal 120 - 277 VAC | 20W         | 0.19A / 0.09A          | >0.90        | 80%        | LC16-1200N-UNV-D  | D          |

PRODUCT FEATURES, CASE DIMENSIONS & MECHANICAL SPECIFICATIONS ON PAGE 2

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|                 |                                                                |
|-----------------|----------------------------------------------------------------|
| LED Driver Type | Constant Current (Class 2)                                     |
| Maximum Wattage | 16 Watts                                                       |
| Input Voltage   | 120-277 VAC $\pm$ 10% Universal<br>120 VAC $\pm$ 10% Dedicated |
| Input Frequency | 50/60Hz                                                        |

### APPROVALS:

- UL 8750 recognized component  
- EN61000-3-2



# L SERIES

## LED DRIVERS

### 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
- (D) Case Style: Type 1 Outdoor, suitable for dry and damp locations (IP20)
- (Q) Case Style: IP66
- Phase dimming models can dim with leading or trailing edge dimmers
- Withstanding Voltage: I/P – O/P 2kVAC
- Temperature Range: -30° - 60°C

### CASE DIMENSIONS & MECHANICAL SPECIFICATIONS:

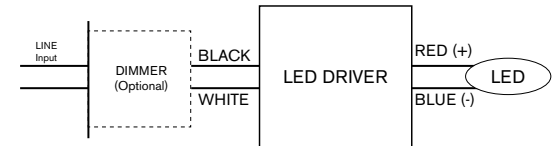
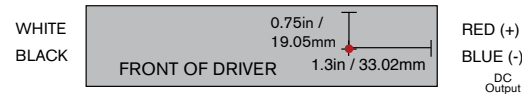
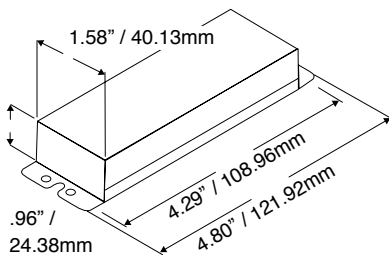
### DIMMING WIRING DIAGRAM:

#### CASE STYLE

#### D - Metal Casing

##### Wiring Information

Input : 12", UL 1316#18AWG (Black and White)  
Output : 12", UL 1316#18AWG (Red and Blue)  
Tc Point Location Max. T c Point Temp.: 90°C



### NON-DIMMING WIRING DIAGRAM:



##### Packaging Information

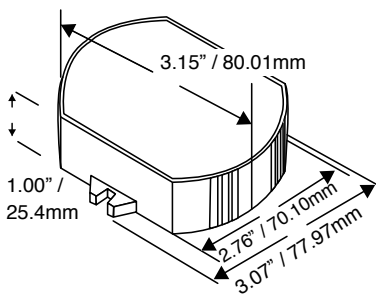
Weight : 7.76oz  
Quantity : 60pcs/carton

#### CASE STYLE

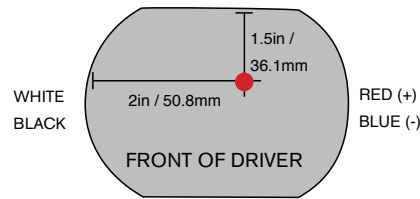
#### Q - Polycarbonate Casing

##### Wiring Information

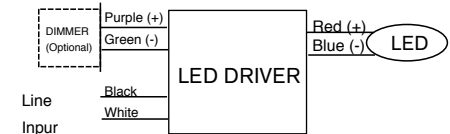
Input : 12" UL 1316#18AWG (Black and White)  
Output : 12", UL 1316/1430#22AWG (Red and Blue)  
Tc Point Location Max. T c Point Temp.: 90°C



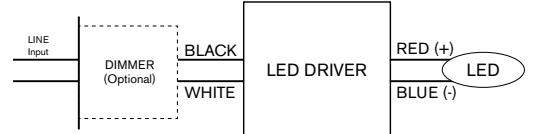
IP66



### 0-10V DIMMING DIAGRAM:



### PHASE DIMMING WIRING DIAGRAM:



##### Packaging Information

Weight : 6.7oz  
Quantity : 50pcs/carton