

# EP-OEM-L LIGHTING FILTER (OEM)



The EP-OEM-L is the industry's most advanced power quality solution available for lighting projects. Its OEM style filter that can be integrated into any lighting driver. Equipped with **Common Mode, Differential Mode and patented EP2000 filter**, it increases the longevity of your lighting solutions, decreasing maintenance and helping to increase return on investment

## Typical Applications:

- Street lights, high bay, stadium lighting, etc
- LEDs, fluorescent, sodium vapor, mercury etc

Absorbs and dissipates electrical transients and noise  
**EP-MINI is TMOV protection + 3 different filter topologies**  
Can be integrated to any manufacturers lighting driver

## EP-OEM-L GENERAL SPECIFICATIONS

### FREQUENCY ATTENUATION

-20 dB/decade roll-off starting at 2.5 kHz

### MAX SURGE CURRENT

12.5 kA per mode

### MCOV

20% above rated voltage

### SAFETY APPROVALS

Circuit board is designed to meet:

UL 1449 4<sup>th</sup> Edition Type 2 SPD

CSA std. c22.2 No. 8-2013 Ed 5

### SAFETY RATINGS

Fire Rating 94V-0

### OPERATING ENVIRONMENT

Approximately -25° C to 65° C

### RESPONSE TIME

Primary Response Time: Instantaneous Key Event Time: Approx.

1 Nanosecond

### COMPLIANCE

NEMA LS-1, NEC Surge Suppression Standards, Electrical Notice 516

### CONNECTION

Wire leads. Size: 14 AWG Length: 6 inch

### MATERIALS

Plastic Housing, LED Indicator Lamps, 14 AWG 600 V rated Wire.

Circuit encapsulated in epoxy to retain integrity of circuitry in failure mode.

## KEY PARAMETERS

### CONNECTION METHOD

Series to the circuit. Input to the line, output to the driver

### INPUT VOLTAGE RANGE

0v-277v

### INPUT CURRENT

5A (MAX)

### MAX POWER

600W @ 120Vac

1200w @ 277Vac

### OPERATING FREQUENCY

45-65 Hz

### DIMENSIONS & WEIGHT

2 1/2 x 1 1/2 x 1 1/4 inch , 4 Oz

### MOUNTING METHOD

Inside the fixture, use mounting tabs

**EP-OEM-L Product Ordering Code: EP-OEM-L**