

# User Manual

## ***Input :***

Model: Electronic Ballast 120-814/ 120-1626 Volt: 120VAC, 60Hz

## **Circuit Description**

When 120VAC power on, Current through EMI filter L3. Via rectifier D1,D2,D3,D4 rectified. Implement the current transition from AC to DC. Then the half bridge circuit (Q1,Q2,T1) output high frequency AC voltage ,Via output high frequency inductance drive the lamps light. When the lamp has reached end of life, the protection circuit will be start and shut down the ballast , prevent the electronic ballast failure or cause fire.

## **Warning Label**

### ***WARNING :***

Disconnect line voltage before installing or replacing. Ballast case must be grounded.

### **FCC NOTE :**

The manufacturer is not responsible for any radio or tv interference caused by unauthorized modifications to this equipment.  
Such modifications could void the user's authority to operate the equipment.

This product may cause interference to radio equipment and should not be installed near maritime safety communications equipment or other critical navigation or communication equipment operating between 0.150-30 MHz

### **FCC Warning Statement for FCC ID Label/DoC Label Requirements :**

This device complies with part 18 of the FCC rules. Operation is subject to the following two conditions :

- (1) This device may not cause harmful interference , and
- (2) This device must accept any interference received , including interference that may cause undesired operation.