

Electronic Ballast Instructions

Input

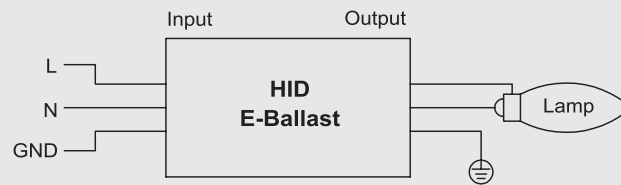
Line Voltage Range : 180Vac ~ 265Vac
Rated Line Voltage : 240Vac
THD : $\leq 10\%$
PF : ≥ 0.98 (@240Vac)
Line Frequency : 47Hz ~ 63Hz

Output

Ignition Voltage: ≤ 4.5 KV

Protection

Short-circuit Protection : YES
Open Loop protection : YES
Ignition Failure Protection : YES
Lamp Failure Protection : YES



Environment

Maximum Case Temperature : 65°C
Ambient Temperature range : -20°C ~ +35°C

Lamp Type*

HPS/MH

*Regarding to Lamps compatibility, please contact with supplier

Specifications

Rated Output Power	Maximum Input Current	Rated Input Current (@ Rated Line Voltage)
600W	3.7A	2.8A
400W	2.4A	1.8A
250W	1.5A	1.2A

Troubleshooting Guide

The following is a list of troubleshooting steps to follow if you are having issues with your ballast. If all of the troubleshooting techniques fail, please contact us, to request warranty service.

1. Poor electrical connection

Check wiring and lamp contact with socket. Make sure the lamp cord is firmly seated in output receptacle. Check that your power source is not lost and breaker is not tripped. Screw lamp firmly into socket. Make sure the tab inside the socket makes proper contact with the base of the lamp.

DO NOT OVERTIGHTEN OR CROSS THREAD. NEVER TOUCH BULB WITH BARE HANDS, BULBS CAN REACH IN EXCESS OF 500° F AND CAN TAKE UP TO 30 MINUTES TO COOL.

2. Incorrect Lamp

Investigate possibility of outer bulb damage, particularly where glass meets metal base. Lamps may have been twisted too firmly into socket. Look for broken arc tubes or loose metal parts. Contact supplier if any of these problems are found.

3. Hot Strike Instructions

If power is interrupted during operation, unplug unit and wait the recommended 15 minutes for bulb to cool. Our ballasts are equipped with a hot strike protector and will not fire the bulb until bulb is cooled.

PLEASE NOTE: YOUR WARRANTY IS ONLY VALID IF YOU REGISTERED YOUR PRODUCT WITHIN 30 DAYS OF PURCHASE. SEE WARRANTY INFORMATION.

CAUTION : PLEASE SHUT OFF AND UNPLUG BALLAST FROM WALL BEFORE PERFORMING ANY OF THESE TECHNIQUES.

WARNINGS:

1. Read the instructions carefully before operation. To avoid potential hazards, use this product only as specified.
2. To avoid electric shock, don't touch exposed connections. Maximum ballast starting voltage is 4.5KV.
3. Over-heated lamps can't be ignited. Reignite after cool down(at least 3 minutes) to protect lamps.
4. Don't operate in wet/damp/explosive conditions.
5. Keep Product surfaces clean and dry.
6. When re-lamping, make sure lamp has time to cool before touching.
7. Don't connect output line directly to earth ground. There's no insulation protection between input and output line.