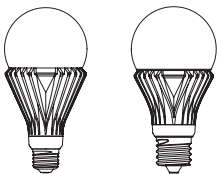


# INSTRUCTIONS

## HID A Lamps Series - Bypass/line voltage



RAB Lighting is committed to creating high-quality, affordable, well-designed and energy-efficient LED lighting and controls that make it easy for electricians to install and end users to save energy. We'd love to hear your comments. Please call the Marketing Department at 888-RAB-1000 or email: [marketing@rablighting.com](mailto:marketing@rablighting.com)



### IMPORTANT

**READ CAREFULLY BEFORE INSTALLING LED HID BULBS. RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.**

RAB LED HID Bulbs must be wired in accordance with the National Electrical Code and all applicable codes. Proper grounding is required for safety. THIS PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH THE APPLICABLE INSTALLATION CODE BY A PERSON FAMILIAR WITH THE CONSTRUCTION AND OPERATION OF THE PRODUCT AND THE HAZARDS INVOLVED.

#### **WARNINGS:**

- **Mainly apply for post top, bollard and other suitable light fixtures.**
- **Operating temperature:-20°C to 45°C (-4°F to 113°F).**
- **These LED Lamps require all ballasts, capacitors, and ignitors to be bypass or removed. Do not operate lamps on existing ballasts.**
- **Risk of fire or electric shock. Luminaire wiring and electrical parts may be damaged when drilling for installation of LED retrofit kit. Check for enclosed wiring and components.**
- **Risk of fire or electric shock. LED Retrofit lamp installation requires knowledge of luminaires electrical systems. If not qualified, do not attempt Installation. Contact a qualified electrician.**
- **This product is not dimmable, Do not use with dimmers.**
- **This device is not intended for use with emergency exits.**
- **When using in portable table luminaires, ensure the distance from the bottom of the base to the top of the lamp holder does not exceed three(3) times the base diameter**
- **For use in enclosed fixture.**
- **Before installation make certain the AC power to the fixture is off.**
- **Do not make or alter any open holes in an enclosure of wiring or electrical components during kit installation.**
- **Installers should not disconnect existing wires form lamp holder terminals to make new connections at lamp holder terminals. Instead installers should cut existing lamp holder leads away from the lamp holder and make new electrical connections to lamp holder lead wire by employing applicable connectors.**
- **To prevent wiring damage or abrasion, do not expose wiring to edges of sheet metal or other sharp objects.**
- **Risk of fire or electric shock. Install this kit only in luminaires that have the construction feature and dimensions shown in the photographs or drawings and where the input rating of the retrofit kit does not exceed the input rating of the luminaire**
- **Please examine all parts that are not intended to be replaced by the retrofit kit for damage and replace any damaged parts prior to installation of the retrofit kit**
- **THIS RETROFIT KIT IS ACCEPTED AS A COMPONENT OF A LUMINAIRE WHERE THE SUITABILITY OF THE COMBINATION SHALL BE DETERMINED BY AUTHORITIES HAVING JURISDICTION.**

# INSTRUCTIONS

## HID A Lamps Series - Bypass/line voltage

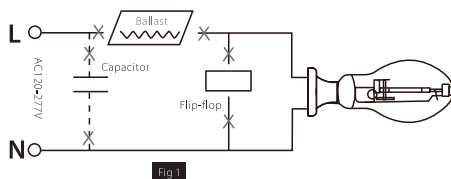


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## WARRANTY

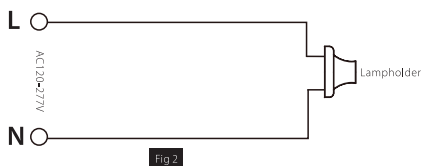
Five years warranty for each lamp, we will supply warranty based on this period. If you have any inquiries, please do not hesitate to contact us or our engineers if you do not understand these instruction.

## INSTALLATION STEPS:



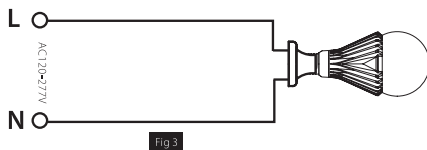
### Step:1

Turn off the power before installation.  
As shown in Figure 1  
Remove the old Ballast, Capacitor and Ignitor  
(if existing).



### Step:2

As shown in Figure 2  
Make sure the Alternating Current Wires  
connect to the socket directly.  
(Reattach or replace ground lead if one is needed).



### Step:3

As shown in Figure 3  
Screw the LED lamp into the corresponding socket.  
Attach retrofit label to luminaire.