INSTRUCTION SHEET

amerlux

689-1013

Avista LED Light Engine Retrofit INSTALLATION

WARNING - RISK OF FIRE AND ELECTRICAL SHOCK. FIXTURE MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN ONLY. FIXTURE IS INTENDED FOR INSTALLATION IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE, LOCAL AND FEDERAL SPECIFICATIONS. DISCONNECT POWER AT ELECTRICAL PANEL BEFORE SERVICING.

RETAIN THESE INSTRUCTIONS FOR MAINTENANCE REFERENCE.

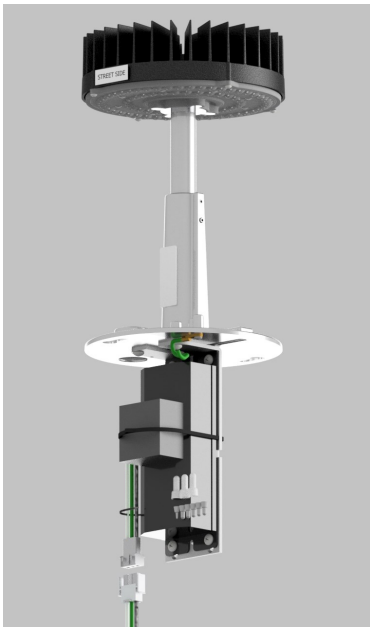
TOOLS REQUIRED:

1. Philips screwdriver
2. Small regular screwdriver
3. Wire cutter/strippers
4. Appropriate wire connectors (Consult electrical codes)

LUMINAIRE INSTALLATION

1. Ensure power is turned off to the luminaire connection point.
2. Remove the Globe. This will allow the ability to gain access to the current HID lamp and socket.
3. Remove the current HID lamp, lampholder, and ballast pod by unscrewing the screws holding each element or remove the screws securing the current light engine and remove the mounting plate with the current components.
4. Remove the ballast incoming VAC supply wires from the luminaire terminal block or connection point.
5. The Avista LED Light Engine comes preassembled as a unit. (Diagram 1)

Diagram 1



6. The LED Retrofit Light Engine is shipped with a Transient Surge Protector that must be installed onto the luminaire Incoming VAC Supply or pole Incoming VAC Supply Terminal Block before applying incoming power to the luminaire.
7. Connect the incoming VAC supply wires. The **BLACK** wire is the **MAIN LINE POWER** connected to the **BLACK (LINE)** of the Power Supply, the **WHITE** wire is **COMMON (or NEUTRAL)** connected to **WHITE (NEUTRAL)** wires of the Power Supply and the **GREEN** wire is **GROUND.**
8. Position the Avista Light Engine to the desired position (**align the street side label with the desired lighting surface**) and then tighten the two screws through the plate of the light engine (Diagram 2) to secure the Avista Light Engine into place. The height of the Avista Light Engine is adjustable to a minimum height of 8” and a maximum height of 12” by using the two set screws located on the neck of the light engine. (Diagram 3)
9. After the Avista Light Engine is installed, reinstall the Globe, apply power, and the LED Light Engine will light.

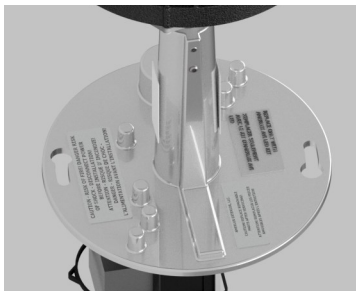


Diagram 2

Diagram 3

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Avista Universal Mount INSTALLATION

1. Ensure power is turned off to the luminaire connection point.

2. Remove the Globe. This will allow the ability to gain access to the current HID lamp and socket.

3. Remove the current HID lamp, lampholder, and ballast pod by unscrewing the screws holding each element or remove the screws securing the current light engine and remove the mounting plate with the current components.

4. Remove the ballast incoming VAC supply wires from the luminaire terminal block or connection point.

5. The Avista LED Light Engine Universal Mount (Diagram 4) installs into the existing light fixture via a threaded rod.

Diagram 4

6. The LED Retrofit Light Engine is shipped with a Transient Surge Protector that must be installed onto the luminaire Incoming VAC Supply or pole Incoming VAC Supply Terminal Block before applying incoming power to the luminaire.

7. To install the Avista modify either the existing plate or a new plate wit a 5/8" diameter through hole in the middle of the plate. Run the threaded rod of the Avista (Diagram 5) through the 5/8" hole, align the street side label with the desired lighting surface, and tighten the Avista in place using a threaded pipe nut. (Diagram 6)

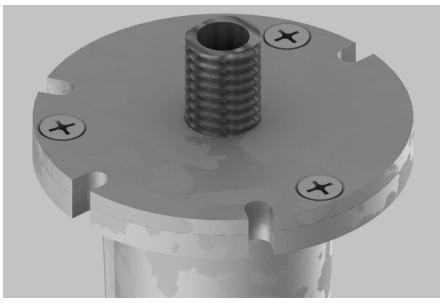

Diagram 5

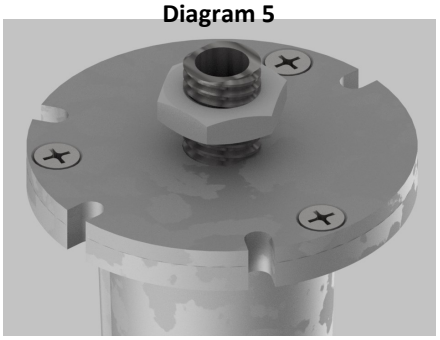

Diagram 6

8. Connect the incoming VAC supply wires. The **BLACK** wire is the **MAIN LINE POWER** connected to the **BLACK (LINE)** of the Power Supply, the **WHITE** wire is **COMMON (or NEUTRAL)** connected to **WHITE (NEUTRAL)** wires of the Power Supply and the **GREEN** wire is **GROUND.**

9. The height of the Avista Light Engine is adjustable to a minimum height of 8" and a maximum height of 12" by using the two set screws located on the neck of the light engine. (Diagram 3)

10. After the Avista Light Engine is installed, reinstall the Globe, apply power, and the LED Light Engine will light.