



Excel

Grow Light

User Manual

READ THESE INSTRUCTIONS CAREFULLY BEFORE INSTALLATION

Thank you for purchasing the AExcel HID grow light. AEssense has strived to build a high quality, long lasting grow light designed to give growers excellent yield. Please read and understand this manual completely before installing and using this product. Incorrect installation or use can lead to failure and damage to the grow light. Damage to the grow light as a result of incorrect installation or use may void your warranty.

AMBIENT OPERATING CONDITIONS

This grow light is intended for indoor environments with climate control only. It is well suited for damp locations but should not be used outdoors or in wet environments. Installation of HID grow lights should always follow local installation and safety regulations. **DO NOT INSTALL YOUR AEXCEL GROW LIGHT OUTDOORS OR IN A WET ENVIRONMENT.**

HID grow lights generate intense heat. **DO NOT OPERATE AEXCEL GROW LIGHTS CLOSE TO FLAMMABLE MATERIALS.** The lamp (bulb) and reflector get hot during normal operation. Do not touch the reflector or lamp during or right after operation, and make sure the power cord does not come in contact with any hot part of the grow light. Check that the lamp is clean and inserted correctly. The normal ambient operating temperature must be below 113 °F. Exceeding this temperature may stress the electronic components, leading to shortened operational lifetime and decreased reliability.

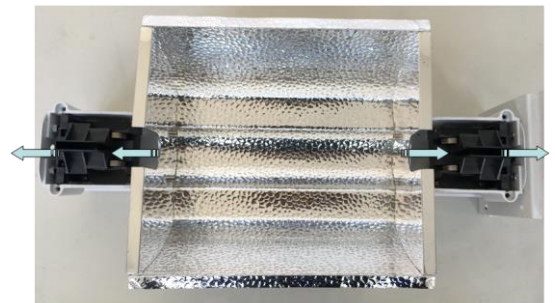
LAMP (BULB) INSTALLATION AND REPLACEMENT

SAFETY PRECAUTIONS

- **Always** install the lamp before switching on mains power
- Once turned off, avoid hot restrike by allowing the lamp to cool for 30 minutes before turning the grow light on again
- Always switch off mains power and wait 30 minutes before replacing the lamp
- As the lamp and the lamp holders are fragile components, never use excessive force while handling them
- Keep all components away from water
- **Never** touch the lamp or the reflector with bare hands

REMOVE OLD LAMP

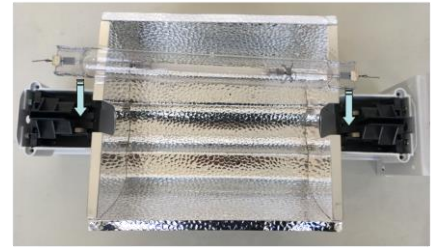
1. Switch off mains power
2. Hold the lamp while opening the lamp holders by sliding them outwards [A]
3. Carefully take the lamp out of the fixture



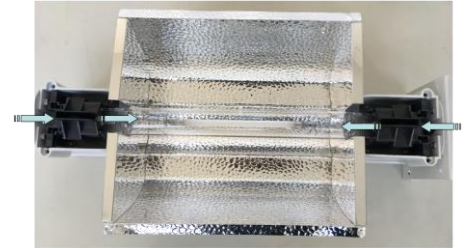
A.

INSTALLING A NEW LAMP

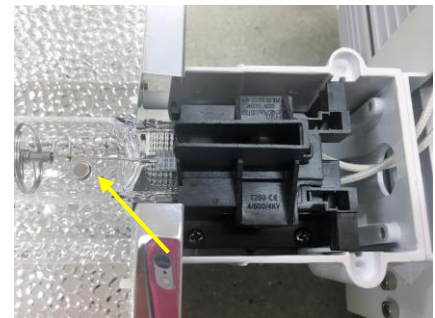
1. Required tools: cotton gloves, dry cloth, rubbing alcohol
2. Switch off mains power
3. Put on the cotton gloves
4. If the new lamp is unclean, wipe it clean with a dry cloth and rubbing alcohol; DO NOT use other cleaning agents
5. Make sure the end wires of the lamp are straight
6. Place the grow light on flat surface
7. Open the lamp holders by sliding them outwards [A]
8. Press the lamp horizontally into position until the metal springs hold it in place, with the getter near the ballast [B] [D]
9. Close the lamp holders by sliding them inwards all the way [C]
10. Clean the lamp after installation with a dry soft cloth



B.



C.



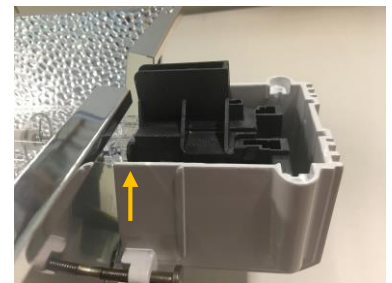
D.



Lamp holder open



Lamp holder improperly closed



Lamp holder closed

GENERAL CARE

Regularly clean the grow light with a dry cloth to ensure optimal cooling. Switch off mains power before cleaning. Check your electrical connections regularly.

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