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> Hudson LED Flame Effect Bulb User Manual (HL-FL05E26-003-200-1500-2)

HUDSON BULB CO. HL-FL05E26-003-200-1500-2

Hudson LED Flame Effect Bulb User Manual

Model: HL-FL05E26-003-200-1500-2

1. INTRODUCTION

This manual provides instructions for the safe and effective use of your Hudson LED Flame Effect Bulbs. These bulbs are designed to simulate a realistic flame effect, offering versatile lighting for various indoor and outdoor applications. Please read this manual thoroughly before installation and use.



Figure 1: Ambiance created by the flame effect bulb.

2. SAFETY INFORMATION

- Ensure power is turned off before installing or removing the bulb.
- Do not disassemble or modify the bulb.
- This bulb is non-dimmable. Do not use with dimmer switches.
- Suitable for both indoor and outdoor use, but ensure the fixture provides adequate protection from direct water exposure for outdoor applications.
- Avoid looking directly at the LED light source for extended periods.

3. PACKAGE CONTENTS

Your package should contain the following:

- 2 x Hudson LED Flame Effect Bulbs

4. SPECIFICATIONS

Brand	HUDSON BULB CO.
Model Name	LED Flame Effect Bulb
Model Number	HL-FL05E26-003-200-1500-2
Light Type	LED
Wattage	3 Watts
Incandescent Equivalent	30 Watts
Lumen Output	Approximately 200 Lumens
Bulb Base	E26/E27
Voltage	100-120 Volts
Frequency	60 Hz
Beam Angle	360 Degrees
Lifespan	>20,000 Hours
Color	Orange
Dimensions (W x H)	2.1" x 5.4"
Material	Glass
Indoor/Outdoor Use	Yes
Dimmable	No



Figure 2: Bulb Dimensions and Key Specifications

5. INSTALLATION

1. **Turn off Power:** Before beginning installation, ensure the power to the light fixture is completely turned off at the circuit breaker or wall switch.
2. **Remove Old Bulb:** Carefully unscrew and remove any existing bulb from the fixture.
3. **Screw in New Bulb:** Gently screw the Hudson LED Flame Effect Bulb into the E26/E27 screw base until it is snug. Do not overtighten.
4. **Restore Power:** Turn the power back on to the light fixture.

The bulb is suitable for both indoor and outdoor fixtures. For outdoor use, ensure the fixture is rated for outdoor conditions and provides protection from direct weather exposure.



Figure 3: Bulb installed in an outdoor fixture.

6. OPERATING INSTRUCTIONS

The Hudson LED Flame Effect Bulb features four distinct lighting modes. These modes can be cycled through by simply turning the power switch OFF and ON within 5 seconds.

6.1. Lighting Modes

- **Flame Simulation Mode:** Mimics a natural flickering flame.
- **Breathing Mode:** The light gently fades in and out.
- **General Light Mode:** Provides a steady, constant light.
- **Gravity Sensing Mode:** The flame effect automatically adjusts its orientation based on how the bulb is positioned (upright or inverted).



Figure 4: Four Lighting Modes

6.2. Gravity Sensor Function

The bulb is equipped with a gravity sensor. When the bulb is in Gravity Sensing Mode, the flame effect will automatically orient itself to appear as if the flame is always burning upwards, regardless of whether the bulb is installed upright or inverted. To activate this, cycle through the modes until you reach the Gravity Sensing Mode.



Figure 5: Gravity Sensor in Action

7. MAINTENANCE

- **Cleaning:** Ensure the power is off and the bulb is cool before cleaning. Wipe with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Storage:** If storing the bulbs for an extended period, keep them in their original packaging in a cool, dry place.

8. TROUBLESHOOTING

Problem	Possible Cause	Solution
Bulb does not light up.	No power to the fixture, loose connection, or faulty bulb.	Check power supply. Ensure bulb is screwed in tightly. Test bulb in another working fixture.
Bulb flickers unexpectedly or modes change erratically.	Incompatible dimmer switch or unstable power supply.	Ensure the bulb is not connected to a dimmer switch. Check power supply for fluctuations.
Flame effect does not orient correctly in Gravity Sensing Mode.	Bulb not in Gravity Sensing Mode or temporary sensor malfunction.	Cycle through modes to ensure Gravity Sensing Mode is active. Turn power off and on to reset the sensor.

9. WARRANTY AND SUPPORT

Hudson Bulb Co. stands by the quality of its products. For warranty information or technical support, please refer to the contact details provided on the product packaging or visit the official Hudson Bulb Co. website.

