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> Lithonia Lighting SB 232 120 GESB Wraparound 2-head Narrow Body T8 Bulb Fixture Instruction Manual

Lithonia Lighting SB 232 120 GESB

Lithonia Lighting SB 232 120 GESB Wraparound Fluorescent Fixture

Model: SB 232 120 GESB

1. INTRODUCTION

This manual provides instructions for the safe installation, operation, and maintenance of the Lithonia Lighting SB 232 120 GESB Wraparound 2-head Narrow Body T8 Fluorescent Ceiling Fixture. This fixture is designed for general illumination in various indoor settings such as storage rooms, offices, or retail applications. Key features include a hinged design for easy cleaning, an instant-on electronic ballast to eliminate flickering and humming, and a prismatic diffuser for controlled light distribution.



Image 1.1: Lithonia Lighting SB 232 120 GESB Wraparound Fluorescent Fixture.

2. SAFETY INFORMATION

WARNING: Risk of electric shock. Disconnect power at the fuse or circuit breaker before installation or servicing. Improper wiring can result in electric shock or fire.

- Always turn off the main power supply before attempting any installation, maintenance, or bulb replacement.
- Consult a qualified electrician if you are not familiar with electrical wiring.
- Ensure all wiring connections are secure and comply with local electrical codes.
- Wear appropriate personal protective equipment, such as safety glasses and gloves, during installation.
- Handle the fixture carefully to avoid sharp edges.
- This fixture is designed for indoor use only.

3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- 1 x Lithonia Lighting SB 232 120 GESB Wraparound Fluorescent Fixture

Note: Fluorescent T8 bulbs, mounting hardware (screws/anchors), and wire nuts are NOT included and must be purchased separately.

4. SPECIFICATIONS

Brand	Lithonia Lighting
Model Number	SB 232 120 GESB
Voltage	120 Volts
Wattage	32 Watts (per lamp)
Number of Lamps	2 (T8 Fluorescent)
Ballast Type	Residential Electronic Ballast
Material	Steel (housing), Acrylic (diffuser)
Finish	White Enamel
Dimensions (L x W x H)	48 inches x 8.5 inches x 2 inches
Mounting Type	Surface Mount, Stem Mount
Certifications	cUL Listed

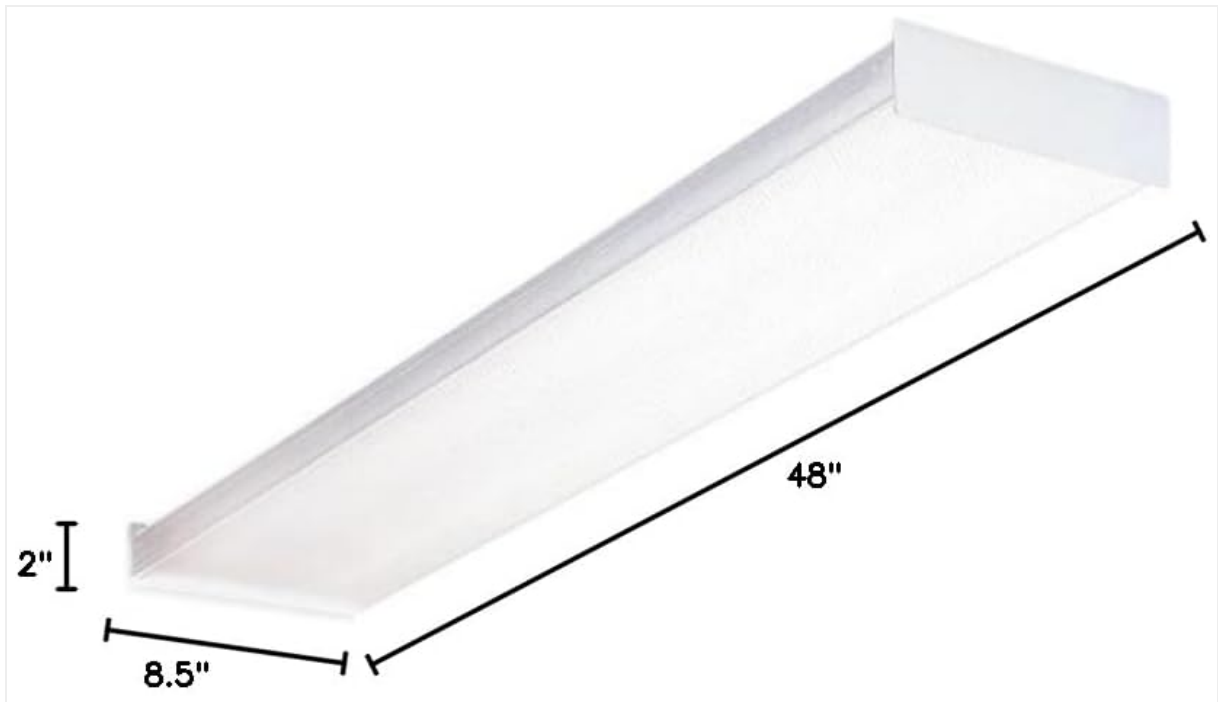


Image 4.1: Product dimensions of the SB 232 120 GESB fixture.

5. INSTALLATION

Follow these steps for proper installation. Ensure power is disconnected before proceeding.

5.1. Preparation

- Turn off power at the circuit breaker or fuse box.
- Gather necessary tools: screwdrivers, wire strippers, drill, appropriate mounting hardware (screws/anchors), and wire nuts (all not included).
- Unpack the fixture and inspect for any damage.

5.2. Mounting the Fixture

- Determine the desired mounting location on the ceiling for surface mounting or identify points for stem mounting.
- For surface mounting, align the fixture and mark the drilling points for securing it to the ceiling joists or using appropriate anchors.
- For stem mounting, the fixture requires a minimum of two single stem hangers (not included).
- Secure the fixture firmly to the mounting surface using the appropriate hardware. Note that the wire entry tabs are located on the top of the fixture, requiring access from above for wiring.

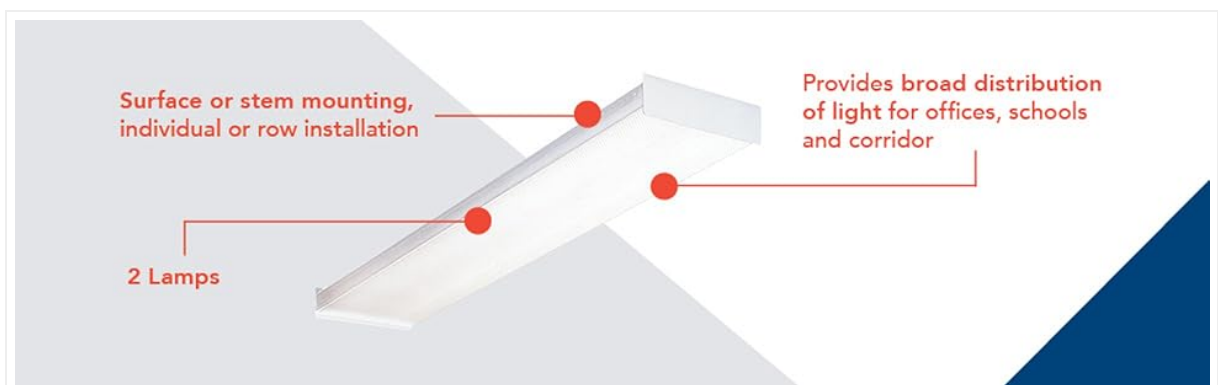


Image 5.1: Mounting options and features of the fixture.

5.3. Wiring

- Route the electrical supply wires into the fixture's wiring compartment.
- Connect the supply wires to the fixture's pre-wired connections using wire nuts (not included). Ensure proper polarity (live to live, neutral to neutral, ground to ground).
- The fixture may feature push-lok connectors for simplified wiring. Ensure wires are fully inserted and secure.
- Carefully tuck all wires into the wiring compartment and secure any covers.

5.4. Bulb Installation

- Install two T8 fluorescent bulbs (not included) into the lamp holders by aligning the pins with the sockets and twisting gently until secure.

5.5. Diffuser Installation

- Attach the prismatic acrylic diffuser to the fixture. The hinged design allows it to snap into place or be secured with latches.

6. OPERATION

Once installation is complete and verified, restore power to the circuit. The fixture will illuminate immediately upon activation of the wall switch, thanks to its instant-on electronic ballast, which prevents flickering and humming.

7. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your fixture.

7.1. Cleaning

- **Always disconnect power before cleaning.**
- The hinged design of the diffuser allows for easy access. Open the diffuser carefully.
- Clean the diffuser and the exterior surfaces of the fixture with a soft, damp cloth.
- Avoid using abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish or acrylic diffuser.
- Ensure all parts are dry before restoring power.

7.2. Bulb Replacement

- **Always disconnect power before replacing bulbs.**
- Open the hinged diffuser to access the bulbs.
- Carefully remove the old T8 fluorescent bulbs by twisting them to disengage from the sockets.
- Insert new T8 fluorescent bulbs, ensuring the pins are properly aligned with the sockets, and twist gently until secure.
- Close the diffuser securely.
- Restore power to the fixture.

8. TROUBLESHOOTING

If you encounter issues with your fixture, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
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Light does not turn on	No power supply Faulty bulbs Loose wiring connection	Check circuit breaker/fuse Replace bulbs with known good ones Inspect and secure all wiring connections (with power off)
Light flickers or hums	Bulbs not fully seated Faulty ballast (rare for instant-on) Loose wiring	Ensure bulbs are firmly in sockets If flickering/humming persists, consult an electrician to check ballast Verify wiring connections are secure (with power off)
Uneven light distribution	Diffuser improperly seated Incorrect bulb type/wattage	Ensure diffuser is correctly installed Verify T8 bulbs of correct wattage are used

9. WARRANTY AND SUPPORT

This Lithonia Lighting SB 232 120 GESB Wraparound Fluorescent Fixture is backed by a **1-year limited manufacturer's warranty** from the date of purchase.

This warranty covers defects in materials and workmanship under normal use. It does not cover damage resulting from improper installation, accident, misuse, abuse, or unauthorized modifications.

For technical support, warranty claims, or further assistance, please contact Lithonia Lighting customer service.

Refer to the official Lithonia Lighting website for current contact information.