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Heath Zenith HZ-4300-BK

Heath Zenith HZ-4300-BK-B 360-Degree Motion-Activated Octagonal Ceiling Light User Manual

Model: HZ-4300-BK | Brand: Heath Zenith

PRODUCT OVERVIEW

The Heath Zenith HZ-4300-BK-B is a 360-degree motion-activated octagonal ceiling light designed for outdoor use. It features a black finish and frosted glass panels, providing both functionality and a decorative appearance. This light is equipped with a motion sensor that detects movement up to 30 feet, enhancing security and convenience. It requires four candelabra base incandescent bulbs, each with a maximum of 25 watts (bulbs not included).



Figure 1: Front view of the Heath Zenith HZ-4300-BK-B Ceiling Motion Light, showcasing its octagonal design and frosted glass panels.

KEY FEATURES

- **Motion Detection:** Offers up to 30 feet of motion detection range.
- **DualBrite Two-Level Lighting:** Provides adjustable lighting levels for enhanced security and ambiance.
- **Durable Construction:** Features a black finish and frosted glass for outdoor durability and aesthetic appeal.
- **Bulb Compatibility:** Requires four candelabra base incandescent bulbs (25 watts max each), not included.
- **360-Degree Coverage:** The motion sensor provides comprehensive detection around the fixture.

INSTALLATION AND SETUP

Installation of the Heath Zenith HZ-4300-BK-B ceiling light should be performed by a qualified electrician or a knowledgeable individual following all local electrical codes. Ensure power is turned off at the circuit breaker before beginning any installation work.

Required Components (Not Included):

- Four (4) candelabra base incandescent bulbs (25 watts maximum per bulb).

General Installation Steps:

1. **Safety First:** Disconnect power at the main fuse or circuit breaker box.
2. **Mounting:** Securely attach the light fixture to the ceiling junction box according to the provided mounting hardware and instructions.
3. **Wiring:** Connect the electrical wires (live, neutral, ground) from the fixture to the corresponding wires in the junction box. Ensure all connections are secure and insulated.
4. **Bulb Installation:** Carefully screw in four candelabra base incandescent bulbs (max 25W each) into the sockets.
5. **Fixture Assembly:** Attach the frosted glass panels and any decorative elements as per the manufacturer's instructions. Note that the glass panes are not designed to be easily removable for routine bulb changes; access is typically from the main housing.
6. **Power On:** Restore power at the circuit breaker.



Figure 2: The Heath Zenith HZ-4300-BK-B light fixture illuminated, demonstrating its light output.

OPERATING INSTRUCTIONS

The HZ-4300-BK-B features a motion-activated sensor and DualBrite technology for customizable lighting. Refer to the detailed user manual ([link in Support section](#)) for specific settings and adjustments.

Motion Sensor Operation:

- The 360-degree motion sensor detects movement within a 30-foot radius.
- Upon detection, the light will activate to full brightness.

- The duration the light stays on after motion ceases is typically adjustable (e.g., 1, 5, or 10 minutes), as per the DualBrite settings.

DualBrite Feature:

DualBrite allows the light to come on at a low-level accent light at dusk and then brighten to full intensity when motion is detected. After a set period of no motion, it will return to the low-level setting or turn off completely, depending on your configuration.

- **Accent Lighting:** Can be set to stay on for 3 hours, 6 hours, or from dusk-to-dawn at a reduced brightness.
- **Full Brightness:** Activates when motion is detected, staying on for a user-defined period before returning to accent mode or off.

MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your Heath Zenith ceiling light.

- **Cleaning:** Periodically wipe the exterior of the fixture with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the finish or glass.
- **Bulb Replacement:** When replacing bulbs, ensure power is off. Use only candelabra base incandescent bulbs, 25 watts maximum.
- **Inspection:** Annually inspect wiring and connections for any signs of wear or damage. If damage is found, consult a qualified electrician.

TROUBLESHOOTING

If you experience issues with your Heath Zenith motion light, refer to the following common troubleshooting tips. For more complex problems, consult the full user manual or contact customer support.

Problem	Possible Cause	Solution
Light does not turn on.	No power; faulty bulb; sensor obstruction.	Check circuit breaker; replace bulbs; clear sensor area.
Light flickers or stays on.	Incorrect bulb type (e.g., some LEDs); sensor sensitivity too high; calibration issue.	Ensure incandescent bulbs are used (as per specifications); adjust sensor sensitivity; allow for initial calibration cycle (approx. 90 seconds after power on).
Motion detection range is poor.	Sensor obstructed; environmental factors (temperature); incorrect mounting height.	Clear obstructions; consider environmental impact; verify mounting height is within recommended range.

PRODUCT SPECIFICATIONS

Attribute	Detail
Brand	Heath Zenith
Model Number	HZ-4300-BK

Attribute	Detail
Color	Black
Material	Glass
Product Dimensions (L x W x H)	11.9" x 11.9" x 5.1"
Item Weight	6.36 pounds
Indoor/Outdoor Usage	Outdoor
Power Source	Corded Electric
Special Feature	Motion-Sensor
Light Source Type	Incandescent
Number of Light Sources	4
Max Wattage per Bulb	25 watts
Voltage	120 Volts
Manufacturer	Globe Electric
Country of Origin	China
UPC	016963430068

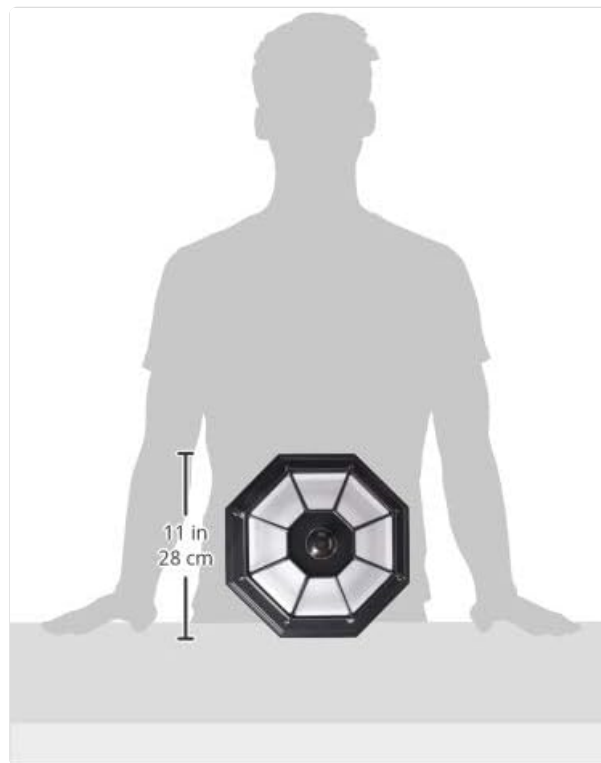


Figure 3: Dimensions of the Heath Zenith HZ-4300-BK-B light fixture.

The Heath Zenith HZ-4300-BK-B Ceiling Motion Light comes with a warranty that specifically covers the glass components. For detailed warranty terms, conditions, and claim procedures, please refer to the official user manual or contact Heath Zenith customer support.

SUPPORT AND CONTACT

For further assistance, detailed installation guides, or troubleshooting, please refer to the official user manual or contact Heath Zenith customer support.

- **Official User Manual (PDF):** [Download PDF](#)
- **Manufacturer Website:** Visit the Heath Zenith official website for product registration, FAQs, and contact information.