



Gonhom Dusk to Dawn Bug Light Bulb User Manual

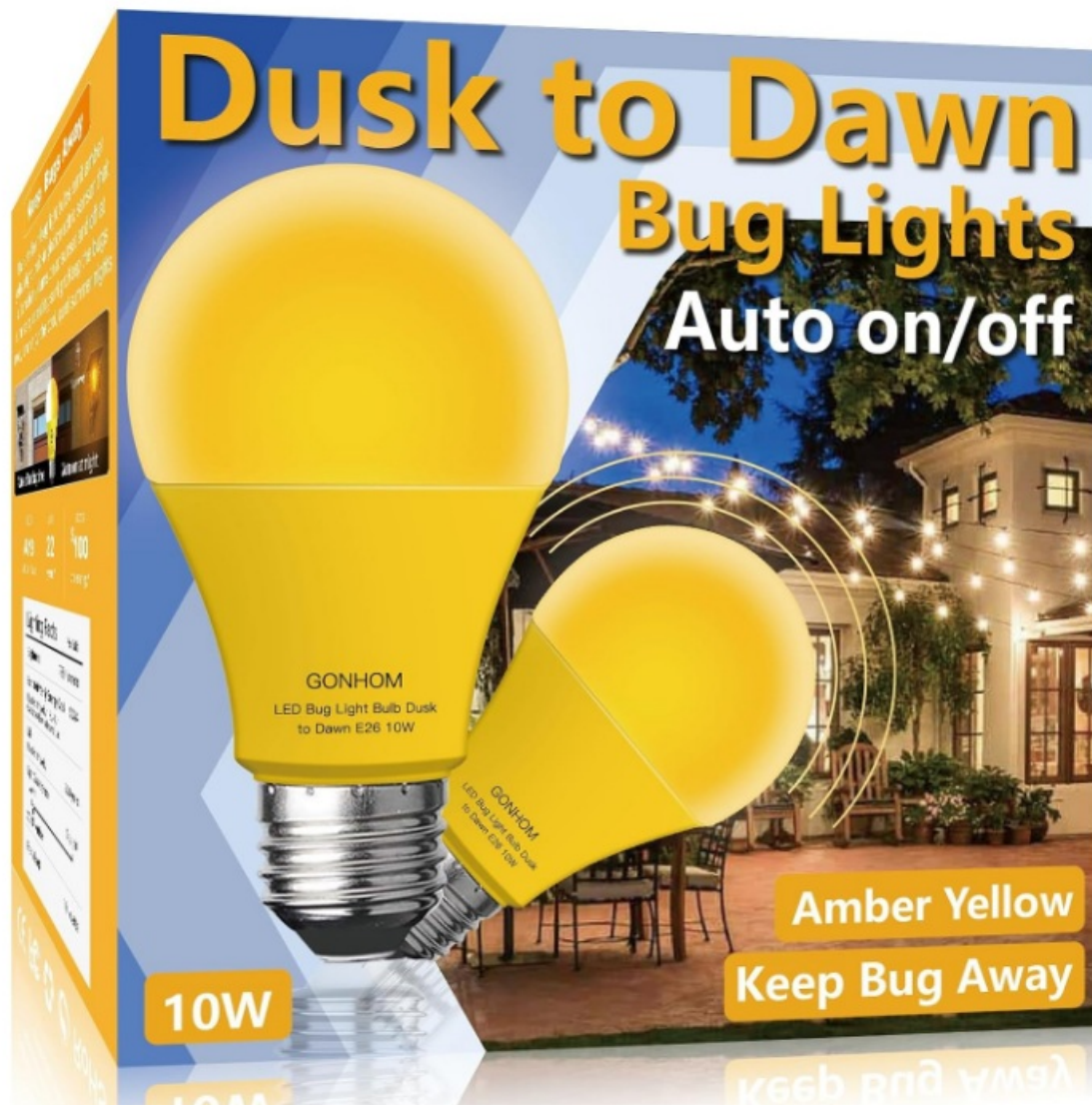
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Gonhom Dusk to Dawn Bug Light Bulb



INTRODUCTION

An inventive outdoor lighting option that effectively illuminates while deterring bothersome insects is the Gonhom Dusk to Dawn Bug Light Bulb. These amber LED bulbs, which cost only **\$9.99** for a 2-pack, save over 90% on energy expenditures by using only 10 watts while producing brightness comparable to a conventional 100W light. These Gonhom-made light bulbs include an integrated photoelectric sensor that switches the light on automatically at dusk and off at dawn, doing away with the need for human intervention. Their recently released design ensures dependable performance regardless of installation direction by detecting light angle instead than depending on a conventional sensor hole. The amber glow makes a more comfortable atmosphere for summer evenings and is perfect for outdoor use in patios, porches, garages, and corridors. It also efficiently repels mosquitoes. These bulbs, which have a standard E26 base and a lifespan of up to 25,000 hours, combine energy efficiency, convenience, and bug-repelling capabilities into one convenient package.

SPECIFICATIONS

Product Name	Gonhom Dusk to Dawn Bug Light Bulb
Model Name	Dusk to Dawn Bug Light Bulb
Brand	Gonhom
Price	\$9.99
Light Type	LED
Special Feature	Dusk to Dawn Sensor (Auto On/Off)
Wattage	10 Watts (100W Equivalent)
Voltage	100 to 120 Volts
Frequency	60 Hertz
Base Type	E26 Standard Base
Bulb Shape Size	A19
Bulb Diameter	2.36 Inches
Color	Amber Yellow
Control Method	App
Energy Efficiency	High (Saves 90% energy vs traditional bulbs)
Average Life	25,000 Hours
Bug-Repelling Feature	Yes – Emits amber light to repel bugs
Design Feature	Sensor integrated into bulb layout (no visible sensor hole)
Usage Locations	Outdoor, Porch, Hallway, Patio, Garage, Courtyard, Doorway
Manufacturer	Gonhom

WHAT'S IN THE BOX

- Light Bulb
- User Manual

FEATURES

- **Dusk to Dawn Auto On/Off:** By detecting sunlight, an integrated photoelectric sensor turns the lightbulb on at sundown and off at daybreak, removing the need for manual operation.



- **Amber Light Bug Repellent:** This light emits a yellow or amber hue that keeps insects away, making the outdoors more comfortable at night.
- **Energy Efficient:** Replaces conventional 100W bulbs with just 10 watts of power, saving over 90% on energy use and electricity costs.
- **LED Technology:** Durable and effective lighting from an LED light source that can last up to 25,000 hours.
- **Standard A19 Bulb Shape:** Complements many outdoor lamps and is compatible with the majority of standard fixtures with an E26 base, making installation simple.
- **No Conventional Light-Sensing Hole:** Avoids installation direction issues by using a novel design that senses light angle.
- **Broad Use:** Fits well with patios, garages, courtyards, outdoor porch lights, and hallway lighting.
- **Amber Finish:** This color finish lessens glare and improves bug-repelling qualities.
- **Voltage Compatibility:** Suitable for typical home electrical systems, it runs on 100 to 120 volts and 60 Hz frequency.
- **Non-Dimmable:** Made especially to run from dusk until daylight without the ability to dim.
- **Light Color Temperature:** Provides warm amber light, usually around 2000K, which is perfect for mosquito repellent and outdoor ambiance.

WARM LIGHT 2000K

The 2000K light is warm light
Even if is installed in the bedroom
It will not affect sleep
Keep annoying bugs away, and sleep better



- **Color Rendering Index (CRI):** Good color fidelity under amber light is provided by a high CRI of about 80.
- **Sturdy Construction:** For outdoor durability, materials like copper and polycarbonate are used.
- **Environmentally Friendly:** Energy Star certified and lowers energy use to lessen carbon footprint.
- **App Control:** While mostly sensor-operated, some versions may provide app control for convenience.



SETUP GUIDE

- **Unpack Carefully:** To prevent oil residue, take the bulbs out of the container without touching the glass.
- **Check Fixture Compatibility:** Make sure your outdoor fixture is compatible with A19 bulbs that have an E26 base.
- **Turn Off Power:** Prior to installation, turn off the electricity at the light switch or circuit breaker.
- **Remove Old Bulb:** Carefully unscrew it from the fixture.
- **Gonhom Bulb Installation:** Gently yet firmly screw in the Gonhom Dusk to Dawn Bug Light Bulb.
- **Positioning:** Avoid completely enclosed fixtures that can prevent sensor operation; place the bulb in an open fixture.
- **Avoid Obstructions:** Make sure nothing is blocking or shading the bulb's sensor.
- **Power On:** Turn the fixture back on.
- **Test Sensor:** To make sure the lightbulb goes on automatically, cover it or wait for the sun to set.
- **Modify Fixture Angle:** To enhance sensor detection, adjust the fixture if the bulb doesn't activate correctly.
- **Use Outdoors:** Put it in garages, porches, patios, or next to doorways where you want to keep bugs away.
- **Avoid Dimming Controls:** Because the lightbulb cannot be dimmed, it should not be used with dimmer switches.
- **Additional Bulbs:** To improve coverage in wider areas, place additional bulbs evenly spaced apart.
- **Weatherproof Fixtures:** Use fixtures rated for outdoor use to protect the bulb.

- **Frequent Inspection:** Check the bulb occasionally for debris or damage to maintain sensor accuracy.

CARE & MAINTENANCE

- **Clean Frequently:** To get rid of dust and dirt, simply wipe the bulb with a dry cloth.
- **Avoid Water Contact:** If needed, use a moist cloth—do not spray water directly on the bulb.
- **Examine for Damage:** Look for any discoloration or cracks that can impair functionality.
- **Replace When Dim:** Replace the bulb if brightness drops significantly before the 25,000-hour lifespan.
- **Avoid Overtightening:** Screw it in firmly but not too tightly to prevent damage.
- **Keep the Sensor Clear:** Ensure no paint or debris blocks the sensor area.
- **Store Correctly:** If removed, store in a cool, dry place in its original packaging.
- **Avoid Switching Often:** Manually turning the bulb on/off frequently can reduce sensor life.
- **Use the Correct Voltage:** Ensure power supply is between 100 and 120V to avoid electrical issues.
- **Examine Fixture Seals:** Keep seals intact to prevent moisture from damaging the bulb.
- **Steer Clear of Harsh Chemicals:** Do not use abrasive or solvent-based cleaners.
- **Watch for Flickering:** Flickering may indicate a wiring issue or faulty bulb.
- **Dispose Responsibly:** Follow local regulations for recycling or disposing of LED bulbs.
- **Avoid Contact with Combustibles:** Even though it runs cool, don't place near flammable materials.
- **Seasonal Check:** Before bug season, ensure the bulb is still functional for effective repellent.

TROUBLESHOOTING

Issue	Possible Cause	Solution
Bulb does not turn on at night	No power to socket	Check power supply and try another outlet
	Sensor obstructed or dirty	Clean bulb surface and ensure sensor is uncovered
Bulb stays on during daytime	Sensor malfunction or strong artificial light	Unplug and reset bulb; relocate if near bright lights
Bulb flickers or dims	Loose connection or voltage fluctuation	Reinsert bulb firmly; try different socket
Bulb does not repel bugs	Ambient light too bright or wrong color	Use in fully outdoor shaded area; amber light needed
Bulb turns on/off erratically	Sensor angle blocked or faulty	Ensure bulb is properly installed; reset if needed
Bulb overheating	Faulty bulb or poor ventilation	Turn off bulb and allow to cool; replace if persistent
Bulb lifespan shorter than expected	Power surges or frequent switching	Use surge protector; avoid frequent power cycling
Bulb not fitting socket	Incorrect base type	Confirm E26 base compatibility before installation
Light output too dim	Bulb nearing end of life or dirty	Clean bulb; replace if brightness decreases significantly

PROS & CONS

Pros:

- Auto on/off with built-in dusk-to-dawn sensor for hassle-free use
- Amber light effectively repels bugs outdoors
- Energy-efficient 10W LED replaces 100W incandescent bulbs
- Innovative sensor design works regardless of bulb orientation
- Long lifespan of up to 25,000 hours reduces replacements

Cons:

- Amber light color may not suit all outdoor lighting preferences
- Not suitable for indoor use where bright white light is needed
- Sensor may be less effective in very shaded or obstructed areas
- Limited to E26 base sockets only
- No remote or app control despite some listings mentioning app control

WARRANTY

Gonhom provides a limited warranty for the Dusk to Dawn Bug Light Bulb, typically covering defects in materials and workmanship for **one year** from the date of purchase. This warranty ensures replacement or repair of bulbs that fail under normal usage conditions. Customers should keep their original purchase receipt and contact Gonhom customer service to initiate a warranty claim. The warranty does not cover damage caused by improper installation, misuse, or external factors such as power surges or weather damage.

FREQUENTLY ASKED QUESTIONS

What is the wattage and equivalent brightness of the Gonhom Dusk to Dawn Bug Light Bulb?

The Gonhom Dusk to Dawn Bug Light Bulb consumes only 10 watts of power while delivering the brightness equivalent of a traditional 100-watt bulb.

What type of light does the Gonhom Dusk to Dawn Bug Light Bulb emit?

The Gonhom Dusk to Dawn Bug Light Bulb emits a soft amber/yellow light that helps repel bugs and creates a pleasant atmosphere for outdoor spaces.

How does the Gonhom Dusk to Dawn Bug Light Bulb know when to turn on or off?

This Gonhom model features a built-in photoelectric sensor that automatically turns the bulb on at dusk

and off at dawn by detecting ambient sunlight.

What kind of base does the Gonhom Dusk to Dawn Bug Light Bulb use?

The Gonhom bug light uses a standard E26 base, making it compatible with most common light fixtures in hallways, porches, patios, and garages.

What is the expected lifespan of the Gonhom Dusk to Dawn Bug Light Bulb?

The Gonhom Dusk to Dawn Bug Light Bulb offers an impressive lifespan of up to 25,000 hours, making it a long-lasting and cost-effective solution.

What voltage is required for the Gonhom Dusk to Dawn Bug Light Bulb to function correctly?

The Gonhom Dusk to Dawn Bug Light Bulb operates on a standard 100 to 120 volts and 60 Hertz frequency, suitable for most U.S. residential outlets.

How do I troubleshoot flickering issues with the Gonhom Dusk to Dawn Bug Light Bulb?

Check if the power source is stable and compatible with LED bulbs. Avoid using with dimmer switches, as they may cause flickering in the Gonhom bug light.

References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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