

QUALILUX

DUSK TO DAWN
LIGHT BULB



Contents

- [1 Qualilux HQ-H030 Dusk to Dawn Light Bulb](#)
- [2 INTRODUCTION](#)
- [3 SPECIFICATIONS](#)
- [4 WHAT'S IN THE BOX](#)
- [5 FEATURES](#)
- [6 SETUP GUIDE](#)
- [7 CARE & MAINTENANCE](#)
- [8 TROUBLESHOOTING](#)
- [9 PROS & CONS](#)
- [10 WARRANTY](#)
- [11 FREQUENTLY ASKED QUESTIONS](#)
- [12 VIDEO – PRODUCT OVERVIEW](#)
- [13 References](#)

QUALILUX

Qualilux HQ-H030 Dusk to Dawn Light Bulb



INTRODUCTION

An energy-efficient and convenient smart lighting solution is the Qualilux HQ-H030 Dusk to Dawn Light Bulb. This 12W LED bulb with dusk-to-dawn sensor technology ensures hassle-free illumination without requiring human operation by turning on at night and off at daybreak. With a warm 2700K color temperature and 1000 lumens of brightness, it creates a comfortable and well-lit atmosphere in both indoor and outdoor spaces. With a long lifespan of 25,000 hours and substantial energy savings, the bulb is a perfect substitute for 75W incandescent lights. It fits easily into the majority of lighting fixtures and is compatible with standard E26 sockets. This premium bulb, which is reasonably priced at \$12.74 and is manufactured by QUALILUX, was initially made available on March 21, 2023. This AC-powered, app-controlled lightbulb is ideal for patios, porches, garages, and paths. It lowers electricity expenses while improving security.

SPECIFICATIONS

Brand	Qualilux
Price	\$12.74
Bulb Shape Size	A19
Bulb Base	E26
Incandescent Equivalent Wattage	75 Watts
Voltage	120 Volts
Color Temperature	2700 Kelvin
Brightness	1000 Lumens
Controller Type	Push Button
Power Source	AC
Color Rendering Index (CRI)	82.00
Frequency	60 Hz
Beam Angle	270 Degrees
Power Consumption	12 Watts
Control Method	App
Average Life	25,000 Hours
White Brightness	1000 Lumens
Product Dimensions	4.6 x 2.36 x 2.36 inches
Weight	3.21 ounces
Item Model Number	HQ-H030
Date First Available	March 21, 2023
Manufacturer	QUALILUX
Country of Origin	China



WHAT'S IN THE BOX

- Light Bulb
- Manual

FEATURES

- **Nightfall to Dawn Auto On/Off:** The bulb is automatically turned on at nightfall and off at dawn using an integrated, cutting-edge photocell sensor.
- **Dimmable:** Works with the majority of dimmers, enabling smooth brightness control (some dimmers only allow 20% depth).

DIMMING RANGE



20%-100%
No Blinking

Compatible with most dimmers on the market.

! Do Not dim the bulbs lower than 20% otherwise the bulbs may turn off.

- **Smart Energy-Saving Sensor:** After six hours of operation, a smart energy-saving sensor optimizes energy efficiency by reducing power consumption by 50%.

INTELLIGENT ENERGY-SAVING

Save 50% Energy After 6hrs



- **No Interference in Close Arrangement:** Thanks to innovative technology, bulbs cannot interfere with one another when positioned closely together.
- **75W Equivalent Output:** With only 12W of power consumption, the 75W equivalent output offers a high level of brightness at 1000 lumens.
- **Soft White Light (2700K):** A pleasant, gentle glow is emitted, which is perfect for creating a comfortable atmosphere both indoors and out.
- **Long Lifespan:** Provides up to 25,000 hours of operation, which lowers the need for replacements.
- **E26 Base Compatibility:** Most fixtures fit into a standard socket size, making installation simple.
- **Wide Beam Angle (270°):** Evenly disperses light across a vast region.
- **Instant-On:** Provides instant full brightness with no warm-up period.
- **High Color Rendering Index (CRI 82):** Better color accuracy and clarity are ensured.
- **Weather Resistant:** Made to be used in a variety of indoor and outdoor settings.
- **Low Power Consumption:** This device uses only 12W of power, which reduces utility expenses.
- **Compact Design:** Measuring 4.6 inches in height and 2.36 inches in diameter, it can fit in confined spaces.

SETUP GUIDE

- **Turn Off Power:** To prevent electrical dangers, make sure the light fixture is turned off before installation.
- **Verify Socket Compatibility:** Make sure the E26 base on your light matches the bulb.
- **Place the Bulb:** Securely insert the bulb into the socket, being careful not to overtighten the screw.
- **Keep Power Switch On:** Keep the fixture's switch turned on for the automatic dusk-to-dawn function.

DUSK TO DAWN

AUTO ON/OFF



- **Test the Sensor:** To see if the lightbulb turns on by itself, cover it with a black cloth.
- **Keep Away from Other Lights:** To avoid sensor interference, keep the installation away from bright light sources.
- **Use in Open Fixtures:** To enable adequate light sensing, make sure the fixture is open or has a clear cover.
- **Verify Dimming Compatibility:** To avoid flickering, make sure the dimmer you're using is compatible.
- **Position for Maximum Coverage:** Place in areas like driveways and porches where wide lighting is required.
- **Avoid Enclosed Fixtures:** If a lightbulb is used in a totally enclosed fixture, it may overheat and shorten its lifespan.
- **Correctly Pair with Multiple Bulbs:** To prevent interference, make sure all of the bulbs you're using are QUALILUX models.
- **Wait for Sensor Adjustment:** Give the dusk-to-dawn sensor 30 seconds to calibrate after installation.
- **Use at the Correct Voltage (120V):** To avoid damage, do not install in voltage ranges that are incompatible.
- **Verify Beam Angle:** Install where the best coverage is achieved with a 270° beam angle.
- **Test in Various Places:** To make sure the sensor is operating properly, try alternative locations if it malfunctions.

CARE & MAINTENANCE

- **Turn Off Before Handling:** Before touching or changing the lightbulb, always turn off the electricity.
- **Clean Often:** For best brightness, wipe away dust and dirt with a dry microfiber cloth.
- **Prevent Water Exposure:** Although it is appropriate for outdoor use, make sure it is mounted in waterproof

fixtures when it is raining.

- **Prevent Overheating:** Steer clear of enclosed fixtures, which retain heat and reduce the lifespan of light bulbs.
- **Check for Flickering:** If flickering is present, confirm voltage stability and dimmer compatibility.
- **Avoid Direct Sunlight:** The performance of the sensor may be impacted by excessive heat from the sun.
- **Use Stabilized Power Sources:** To avoid damage, stay away from areas where voltage swings frequently occur.
- **Examine for Damage:** Frequently look for cracks or other flaws that could impair functionality.
- **Replace After Lifespan Ends:** After 25,000 hours of usage, replace when faults or dimming take place.
- **Avoid Touching the LED Surface:** Only handle it from the base since hand oils can decrease efficiency.
- **Store Correctly:** To extend their lifespan, store extra bulbs in a cool, dry location.
- **Use Fixtures That Are Compatible:** Make sure the fixtures provide enough exposure for the sensor to function properly.
- **Adjust If Necessary:** Adjust the light bulb to improve light detection if it doesn't switch on or off properly.
- **Check for Obstructions:** To guarantee correct operation, remove anything obstructing the photocell sensor.
- **Recycle Sensibly:** Instead of throwing away old lightbulbs in the trash, dispose of them at electronic waste recycling facilities.

TROUBLESHOOTING

Issue	Possible Cause	Solution
Light bulb does not turn on at night	Sensor blocked or not exposed to natural light	Ensure the bulb is installed in an open fixture with access to daylight
Light stays on during the day	Sensor is dirty or obstructed	Clean the sensor and remove any obstructions
Flickering light	Voltage fluctuations or loose connection	Check power supply and ensure a secure socket connection
Bulb does not fit properly in the fixture	Incompatible socket type	Ensure the fixture uses an E26 base
Light is dimmer than expected	Low voltage or incompatible fixture	Verify voltage requirements and check fixture compatibility
Turns off too soon at night	Nearby light source affecting the sensor	Move the bulb away from external light sources
Does not work in an enclosed fixture	Overheating or sensor blockage	Use in an open or semi-open fixture
Not responding to dusk-to-dawn function	Faulty sensor or power supply issue	Reset by turning off the power for a few minutes and retry
Light does not last long	Excessive on/off cycling reducing lifespan	Keep bulb usage stable and avoid frequent switching

PROS & CONS

Pros	Cons
Energy-efficient, replacing 75W incandescent bulbs	Not dimmable
Dusk-to-dawn sensor for automatic lighting	May not work well in enclosed fixtures
Long lifespan of 25,000 hours	Requires direct exposure to ambient light for sensor activation
Bright 1000-lumen output with a 270-degree beam angle	No color-changing feature
Easy installation with standard E26 base	Not compatible with smart home systems like Alexa/Google Assistant

WARRANTY

The Qualilux HQ-H030 Dusk to Dawn Light Bulb comes with a **1-year manufacturer warranty** covering defects in materials and workmanship. The warranty does not cover damage due to misuse, improper installation, or external factors such as power surges. For warranty claims, customers can contact QUALILUX customer support with proof of purchase.

FREQUENTLY ASKED QUESTIONS

<p>Why is my Qualilux HQ-H030 Dusk to Dawn Light Bulb not turning on?</p> <p>Ensure the bulb is securely installed in the socket, check if the power supply is active, and confirm that the fixture is functional.</p>
<p>What should I do if my Qualilux HQ-H030 Dusk to Dawn Light Bulb is flickering?</p> <p>Flickering could be caused by voltage fluctuations, loose wiring, or an incompatible dimmer switch. Try using the bulb in a different fixture or checking the power supply.</p>
<p>Why is my Qualilux HQ-H030 Dusk to Dawn Light Bulb staying on during the day?</p> <p>The dusk-to-dawn sensor may be obstructed by dirt or other light sources. Clean the sensor and ensure the bulb is installed in a location with proper exposure to natural light.</p>
<p>How can I reset the Qualilux HQ-H030 Dusk to Dawn Light Bulb if it's not responding to the app?</p> <p>Turn the bulb off and on multiple times to reset it. Ensure your Wi-Fi or Bluetooth connection is stable,</p>

then reattempt the setup process through the app.

Why is my Qualilux HQ-H030 Dusk to Dawn Light Bulb dimmer than expected?

This may be due to a compatibility issue with the light fixture or a power supply problem. Ensure you are using the bulb in a fixture that supports its voltage and wattage requirements.

What is the price of the Qualilux HQ-H030 Dusk to Dawn Light Bulb?

The Qualilux HQ-H030 Dusk to Dawn Light Bulb is priced at \$12.74.

What type of bulb is the Qualilux HQ-H030 Dusk to Dawn Light Bulb?

It is an A19-shaped LED bulb with an E26 base, designed for standard light fixtures.

What is the brightness level of the Qualilux HQ-H030 Dusk to Dawn Light Bulb?

This bulb provides a brightness of 1000 lumens, making it equivalent to a 75-watt incandescent bulb.

VIDEO – PRODUCT OVERVIEW

<https://manuals.plus/wp-content/uploads/2025/03/Qualilux-HQ-H030-Dusk-to-Dawn-Light-Bulb-Instruction-Manual.mp4>

References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#) | [@manuals.plus](#) | [YouTube](#)

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