

**QUALILUX**

HQ-H027 DUSK TO DAWN  
LIGHT BULB



## Qualilux HQ-H027 Dusk to Dawn Light Bulb Instruction Manual

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**Qualilux HQ-H027 Dusk to Dawn Light Bulb**



## INTRODUCTION

Any home or outdoor location can benefit from the energy economy and ease of the Qualilux HQ-H027 Dusk to Dawn Light Bulb. Because of its common E26 base, this ST19-shaped bulb may be used with the majority of fixtures. It has a warm 2300K color temperature and runs on 120 volts, creating a welcoming and comfortable atmosphere. This light bulb eliminates the need for human operation by turning on at nightfall and off at dawn thanks to an integrated light sensor.

This bulb is a long-lasting investment because of its 700 lumen brightness, 360-degree beam angle, and 20,000-hour average longevity. The Qualilux HQ-H027, which retails for a reasonable \$13.55, was introduced on October 29, 2022. This energy-efficient bulb, which is manufactured by QUALILUX, is an essential component of contemporary lighting solutions since it perfectly combines performance and intelligent control.

## SPECIFICATIONS

<b>Brand</b>	Qualilux
<b>Price</b>	\$13.55
<b>Bulb Shape Size</b>	ST19
<b>Bulb Base</b>	E26
<b>Voltage</b>	120 Volts
<b>Color Temperature</b>	2300 Kelvin
<b>Brightness</b>	700 Lumens
<b>Controller Type</b>	Push Button
<b>Color Rendering Index (CRI)</b>	82
<b>Frequency</b>	60 Hz
<b>Beam Angle</b>	360 Degrees
<b>Power Consumption</b>	60 Watts
<b>Sensor Technology</b>	Light Sensor
<b>Accepted Voltage Frequency</b>	100 to 120 Volts, 60 Hz
<b>Control Method</b>	App
<b>Average Life</b>	20,000 Hours
<b>White Brightness</b>	700 Lumens
<b>Product Dimensions</b>	2.28 x 2.28 x 5.08 inches
<b>Weight</b>	5.12 ounces
<b>Item Model Number</b>	HQ-H027
<b>Date First Available</b>	October 29, 2022
<b>Manufacturer</b>	QUALILUX

# Dusk to Dawn ST58(ST19)



voltage  
120v



Filaments  
6 LED



Brightness  
700 LM



Lifespan  
20,000 Hrs



Weather  
Proof



Wattage  
6.5W

## WHAT'S IN THE BOX

- Dusk to Dawn Light Bulb
- Manual

## FEATURES

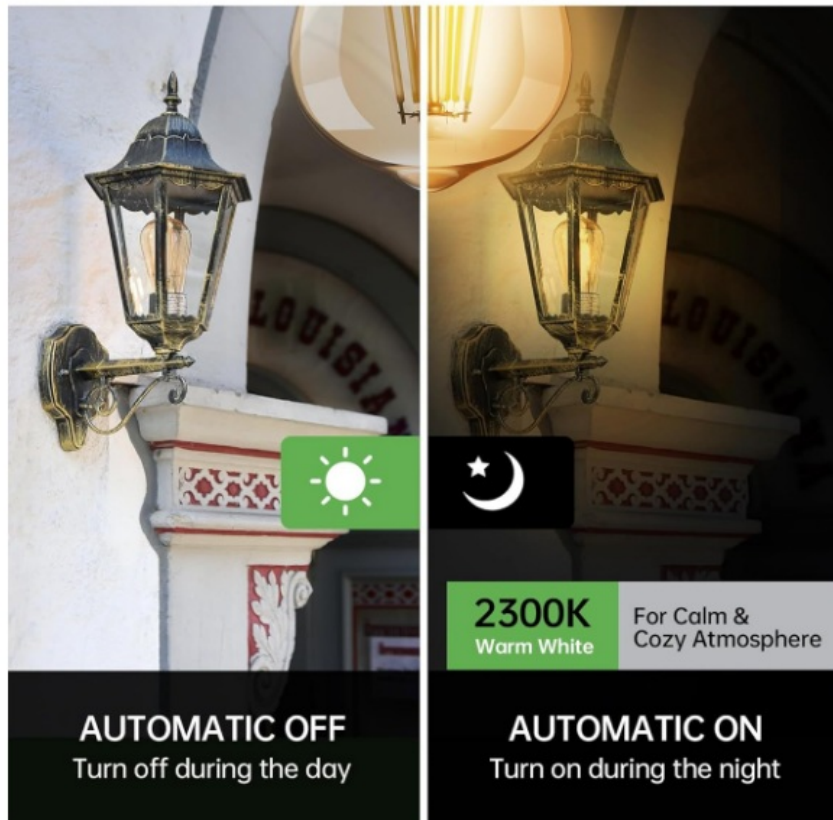
- **Automatic dusk to Dawn Sensor:** This sensor uses ambient light to switch on at dark and off at dawn, eliminating the need for manual control.

## DUSK TO DAWN

Auto On/Off



This feature is meant for well-lit outdoor areas. It may not automatically turn off in a dark place during the daytime!



- **No App Is Needed:** Easy plug-and-play functionality that doesn't require WiFi or extra configuration.
- **Decorative Vintage Amber Design:** LED filaments and brown glass shades create a chic vintage appearance.
- **Warm 2300K Lighting:** Perfect for outdoor areas, this lighting emits a warm, aesthetically pleasing amber glow.
- **Energy Efficiency with Smart Driver Chip:** After six hours of operation, power consumption is reduced by 50%, saving electricity.

# Intelligent Energy-Saving

Save Additional 50% Energy After 6hrs



- **High Brightness:** With 700 lumens of light, it's perfect for paths, garages, and porches.
- **Long Lifespan:** It has a 20,000-hour operational lifespan, which lowers the need for frequent replacements.
- **Non-Dimmable:** Ensures consistent, ideal lighting without causing problems with dimmer switch compatibility.
- **Allows for Close-Range Use:** These lights won't interfere with one another when put close to one another, in contrast to typical dusk-to-dawn bulbs.
- **Improved Light Distribution:** Having six LED filaments instead of the usual four ensures uniform light distribution and less glare.
- **Universal E26 Base:** Most indoor and outdoor light fixtures can be installed with this standard-sized base.
- **Weather-Resistant:** Made to withstand a variety of outdoor environments without losing functionality.
- **Full 360° Beam Angle:** Improves area coverage by distributing light uniformly in all directions.
- **Low Heat Emission and Eco-Friendly:** LED technology that uses less energy produces less heat and less carbon dioxide.

## SETUP GUIDE

- **Turn Off the Power:** Turn off the power at the switch or circuit breaker prior to installation.
- **Check Compatibility:** Make sure the fixture you choose supports a 120V power source and an E26 base.
- **Remove the Old Bulb:** Carefully unscrew the old bulb from the socket if you're replacing it.
- **Inspect the Socket:** Examine the socket for any damage that can impair performance, such as dust or corrosion.
- **Screw in the Qualilux Bulb:** Slide the bulb into the socket with care, turning it until it is firmly in place.

- **Position for Optimal Sensor Function:** For optimal light sensor function, make sure the bulb is positioned correctly by placing it in an open or semi-open outdoor fixture.
- **Avoid Covered Fixtures:** The light-sensing feature may be impacted if the fixture is completely enclosed.
- **Turn on the Power:** Use the switch or breaker to bring the fixture's power back.
- **Test the Auto-On Feature:** Place a black cloth or your palm over the bulb to see if it turns on.
- **Check for Auto-Off Function:** To check if the lightbulb shuts off on its own, expose it to daylight or direct light.
- **Use in Open Outdoor Spaces:** To ensure that the lightbulb detects daylight correctly, place it in an area with good lighting.
- **Avoid Direct Light Interference:** Keep your distance from intense artificial light sources that can interfere with the sensor.
- **Proper Space Multiple Bulbs:** To avoid sensor interference, make sure all of the bulbs you use are Qualilux.
- **Monitor First-Time Functioning:** To ensure correct functioning, give it a full day.
- **Relocate if Necessary:** If necessary, move the lightbulb to a location with more natural light if it remains on during the day.

## CARE & MAINTENANCE

- **Clean the Bulb Frequently:** Wipe it down with a dry or slightly moist cloth to get rid of dust and debris.
- **Steer Clear of Harsh Cleaners:** To avoid damaging the bulb's surface, avoid using abrasive or chemical-based cleaners.
- **Inspect the Fixture Periodically:** Make sure the socket is free of rust and moisture accumulation.
- **Watch for Flickering:** Look for loose connections or varying voltage if the lightbulb flickers.
- **Don't Overtighten:** Screw the lightbulb tightly, but don't use too much effort as this could harm the base.
- **Protect from Direct Water Exposure:** Use in outdoor fixtures that offer some protection from intense rain.
- **Use Within Recommended Voltage Range:** At 60Hz, it performs best at 100–120V.
- **Prevent Excessive Heat Exposure:** Avoid placing your installation next to heat sources such as fireplaces or ovens.
- **Examine Sensor Performance:** Make sure there is no dirt or debris blocking the sensor if the dusk-to-dawn feature stops functioning.
- **Use Only with Complementary Fixtures:** To ensure adequate ventilation, avoid installing in completely enclosed fixtures.
- **Replace After Lifespan Ends:** Although the bulb has a 20,000-hour lifespan, it should be changed when its brightness starts to decline.
- **Keep Away from Children and Pets:** Install safe, raised fixtures to avoid unintentional injury.
- **Verify Warranty Support:** Ask Qualilux for a replacement bulb if it breaks within the allotted 36 months.
- **Dispose of Carefully:** To reduce your influence on the environment, recycle LED bulbs according to your local regulations.
- **Properly Store Spare Bulbs:** To avoid premature aging, store additional bulbs in a cool, dry location out of direct sunlight.

## TROUBLESHOOTING

Issue	Possible Solution
Bulb does not turn on	Ensure the fixture has power and the bulb is securely installed.
Bulb stays on during daylight	Make sure the bulb is not placed in a shaded area or enclosed fixture.
Light flickers	Check for loose connections or voltage fluctuations in the fixture.
Bulb turns off at night	The sensor may be facing a light source; reposition the bulb.
Reduced brightness	Clean the bulb and fixture to remove dust or dirt buildup.
Sensor not working properly	Reset the bulb by turning it off for 10 seconds and turning it back on.
Works intermittently	Test the bulb in a different fixture to rule out fixture issues.
Bulb turns on and off frequently	Ensure no external light sources (such as streetlights) interfere with the sensor.
Bulb does not fit properly	Check if the fixture supports E26 base bulbs.
Short lifespan	Avoid using the bulb in areas with extreme temperatures or high humidity.

PROS & CONS

Pros	Cons
Energy-efficient with automatic dusk-to-dawn functionality	Not dimmable
Long lifespan of 20,000 hours	Warm color temperature may not suit all preferences
Wide 360-degree beam angle for even illumination	May not work properly in enclosed fixtures
Compatible with most E26 base fixtures	Requires a clear line of sight for the light sensor to function properly
No need for manual operation, reducing energy waste	Limited to 700 lumens, which may not be bright enough for large spaces

WARRANTY

The Qualilux HQ-H027 comes with a **1-year limited warranty** covering defects in materials and workmanship. If you experience any issues within the warranty period, you can contact Qualilux customer support for a replacement or refund. However, damages due to misuse, incorrect installation, or power fluctuations are not covered under the warranty.

FREQUENTLY ASKED QUESTIONS

Why is my Qualilux HQ-H027 not turning on at night?

Ensure that the bulb’s sensor is not obstructed by fixtures or nearby bright lights, as excessive ambient lighting can prevent activation.



Why does my Qualilux HQ-H027 bulb flicker?

Flickering may be caused by incompatible dimmer switches, unstable voltage, or excessive artificial light interfering with the sensor. Try using a standard switch and ensuring proper voltage supply.

Can I use the Qualilux HQ-H027 in an enclosed fixture?

While it can be used in semi-enclosed fixtures, fully enclosed fixtures may block the light sensor, causing improper function.

Why does my Qualilux HQ-H027 stay on during the day?

This could be due to dirt, dust, or debris covering the sensor. Clean the bulb and ensure it is exposed to natural daylight for proper operation.

How can I reset the Qualilux HQ-H027 if it stops functioning properly?

Try turning the bulb off for 10 seconds and then switching it back on. If the issue persists, check if it's installed in a compatible socket with stable power supply.

What type of socket does the Qualilux HQ-H027 use?

This light bulb uses a standard E26 base, making it compatible with most household and outdoor light fixtures.

How energy-efficient is the Qualilux HQ-H027 bulb?

Despite its 60-watt power consumption, the LED technology ensures lower energy usage compared to traditional incandescent bulbs, with an average lifespan of 20,000 hours.

What voltage and frequency does the Qualilux HQ-H027 support?

The bulb operates at 120V and supports a frequency of 60Hz, making it compatible with most North American electrical systems.

## References

- [User Manual](#)

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

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