


TORCHSTAR

XL1A19-9W60MS-1P LED MOTION
SENSOR LIGHT BULB



TORCHSTAR XL1A19-9W60MS-1P LED Motion Sensor Light Bulb User Manual

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TORCHSTAR

TORCHSTAR XL1A19-9W60MS-1P LED Motion Sensor Light Bulb



INTRODUCTION

An inventive and energy-efficient lighting solution, the TORCHSTAR XL1A19-9W60MS-1P LED Motion Sensor Light Bulb is made for daily usage in garages, residences, and other areas that need dependable and automated illumination. This bulb is ideal for spaces like closets, corridors, and stairways since it has an integrated motion sensor that activates the light automatically when movement is detected. With a 9W power rating, this bulb uses less energy than conventional incandescent bulbs while producing 800 lumens of brilliant, clear 6000K daylight white light. The TORCHSTAR Motion Sensor Light Bulb, which costs only \$15.98, is a cost-effective and useful option for convenience and security. Since its initial release by TORCHSTAR on May 25, 2020, users have given it favorable reviews, praising its efficiency and simplicity of use. This bulb provides a great balance of value and usefulness, whether you're improving security or your home's lighting.

SPECIFICATIONS

Brand	TORCHSTAR
Price	\$15.98
Bulb Shape Size	A19
Bulb Base	E26
Voltage	120 Volts
Color Temperature	6000 Kelvin
Brightness	900 Lumen
Shape	A19
Power Source	AC
Color Rendering Index (CRI)	80.00
Beam Angle	220 Degrees
Specification Met	UL Listed
Accepted Voltage Frequency	100 to 120 Volts, 60 Hertz
Control Method	App
Average Life	15,000 Hours
White Brightness	900 Lumens
Efficiency	11.11 lumens/watt
Color	Pure White (6000K)
Special Features	UL listed, 120-degree detection angle, 220-degree beam angle, Excellent heat dissipation, Built-in motion sensor
Product Dimensions	2.36 x 2.36 x 4.53 inches
Weight	2.56 ounces
Item Model Number	16750
Date First Available	May 25, 2020
Manufacturer	TORCHSTAR
Warranty	2-Year Warranty



WHAT'S IN THE BOX

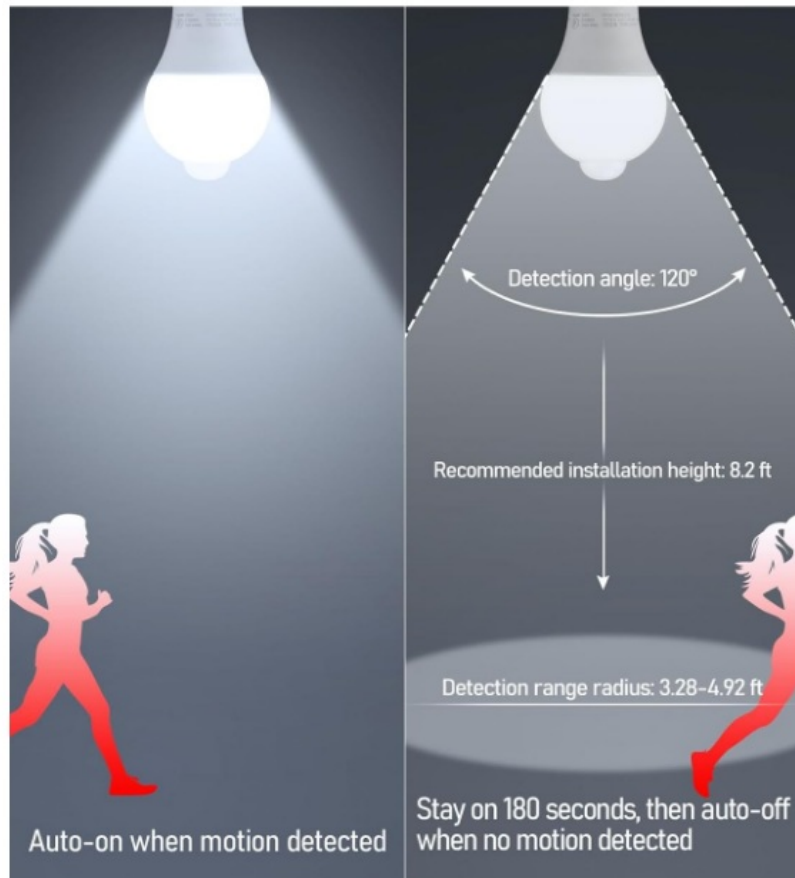
- Light Bulb
- User Manual

FEATURES

- **Motion Sensing Design:** When motion is sensed, the light instantly comes on, saving you from having to look for switches and making it ideal for hands-free use.
- **Broad Sensing Range:** With a height of 8.2 feet, it can detect motion within a range of 3.28 to 4.92 feet, offering great coverage and ease.
- **Energy-efficient:** Provides strong lighting with less energy consumption by using just 9 watts, or 60 watts, to produce 900 lumens.
- **Automatic switch-Off:** By preventing the light from being kept on for 180 seconds after motion is no longer detected, the bulb will automatically switch off, lowering electricity costs.
- **Improved Home Security:** By abruptly turning on when motion is detected, the motion sensor bulb helps discourage burglars and improves home security.

BUILT-IN MOTION SENSOR

Auto-on when motion is detected at daytime and night &
auto-off when no motion detected



- **High Brightness:** With 900 lumens of strong, pure white light (6000K), it's perfect for areas like closets, corridors, and basements where unobstructed visibility is necessary.
- **Perfect for the elderly or those with limited mobility:** enables hands-free activation, making it ideal for anyone who might have trouble reaching switches or for usage in dimly lit environments.
- **Broad Beam Angle:** This lightbulb's 220 degree beam angle allows it to illuminate a large area, making it possible to detect motion coming from all directions.
- **UL-listed** for fulfilling stringent production criteria, quality assurance guarantees a dependable and safe product.
- **Long Lifespan:** The LED bulb requires fewer replacements because it lasts for about 15,000 hours.
- **High Color Rendering Index (CRI):** Colors are precisely displayed in the light with a CRI of 80, giving the image a bright, realistic appearance.
- **Cost-effective:** The motion sensor is an inexpensive lighting solution that reduces energy expenses by shutting off automatically when no movement is detected.
- **Ideal for a Variety of Uses:** Ideal for spaces where automated lighting is required and helpful, such as garages, basements, corridors, closets, and laundry rooms.
- **Pure White Light:** Produces a cool white light with a 6000K intensity that is brilliant, clear, and ideal for improving vision in low light conditions.
- **Sustainable:** Compared to conventional incandescent bulbs, the bulb is a more environmentally responsible choice due to its long lifespan and low power usage.

SETUP GUIDE

- **Unpack the Bulb:** Take the TORCHSTAR LED motion sensor lightbulb out of the box and make sure it hasn't been damaged in transport.
- **Turn Off the Power:** To prevent electrical dangers, ensure sure the fixture's power is off before installation.
- **Installing the Bulb:** Make sure the bulb is firmly inserted into a normal E26 base socket.



- **Verify the Correct Voltage:** Make sure the voltage is in line with the needs of the lightbulb and that your light fixture can handle 120V AC.
- **Mounting Height:** Since 8.2 feet is the suggested height for the detecting range, install the bulb at this height for the best motion detection.
- **Position the Bulb:** Put the bulb in a fixture or space that needs motion detection, like a basement, closet, or corridor.
- In order to test motion detection, turn on the power and move inside the detection range. When it senses motion, the lightbulb ought to turn on by itself.
- **Modify Sensitivity:** You might be able to modify the sensor's sensitivity on some models. Make sure the setting is suitable for the space you are lighting.
- **Check the Turn-Off Time:** To make sure the energy-saving feature is operating correctly, make sure the lightbulb shuts off automatically 180 seconds after the motion ceases.
- **Monitor Coverage Area:** Verify that the lightbulb detects motion within the designated range (3.28–4.92 feet) by testing the motion detection from different angles.

- **Replace Conventional Bulbs:** To replace a conventional bulb, just screw the motion-sensing LED bulb into place, making sure it fits firmly in the socket.
- **Check for Interference:** To prevent the motion sensor from malfunctioning, make sure nothing is blocking its line of sight.
- **Final Inspection:** Before beginning regular use, check that the sensor and lightbulb installation are functioning properly.
- **Check the Bulb's Position:** For best results, make sure the bulb is firmly inserted into the socket and orientated appropriately.
- **Turn On Power:** Your motion-sensing light should be operational after you have made sure everything is installed correctly and turned the power back on.

CARE & MAINTENANCE

- **Frequent Cleaning:** To keep the sensor and bulb clear of dust and debris, dust the bulb and its surroundings on a regular basis using a dry microfiber cloth.
- **Examine for Obstructions:** Make that the motion sensor is not obstructed by anything that can impair its capacity to detect motion.
- **Check Motion Sensor for Functionality:** Make sure the motion sensor is correctly activating when movement is sensed by periodically testing it.
- **Avoid Touching the Bulb:** Keep your hands away from the bulb itself when cleaning, as finger oils and grime may eventually cause it to perform worse.
- **Replace if Damaged:** To prevent safety risks or decreased functionality, replace the bulb right away if it is cracked or the sensor stops working.
- **Verify that the lightbulb is firmly inserted into its socket and that no frayed or loose wires are causing it to operate intermittently.**
- **Maintain a Clean Sensor Area:** To prevent the motion sensor from malfunctioning, it should be clear of any dirt, dust, or cobwebs.
- **Check Sensing Range:** Occasionally, make sure the motion sensor is picking up motion within the proper range (3.28–4.92 feet), and adjust it if needed.
- **Test Turn-Off Feature:** To make sure the energy-saving feature is working, make sure the lightbulb shuts off automatically after 180 seconds of no motion is detected.
- **Monitor Bulb Brightness:** The light may need to be replaced or may be damaged if it seems dull or flickers.
- **Ascertain the Correct Voltage:** To prevent damage or incorrect operation, always use the lightbulb with a compatible power source (120V AC).
- **Check for Overheating:** Although the lightbulb dissipates heat very well, if the fixture becomes overheated, check for improper installation or defective wiring.
- **Keep in a Cool, Dry location:** To avoid damaging the lightbulb, keep it in a cool, dry location if you must remove it for storage or replacement.
- **change Often:** Even though the bulb has a lengthy lifespan of 15,000 hours, if you notice a decrease in brightness or performance, it's time to change it.
- **Avoid Water Contact:** To protect the motion sensor and bulb components, keep the bulb out of damp or humid areas.

TROUBLESHOOTING

Issue	Possible Cause	Solution
Bulb not turning on	Power outage or loose connection	Check the power source and socket connection
Motion sensor not detecting motion	Sensor delay or incorrect placement	Ensure the sensor is placed correctly and within range
Bulb flickering or blinking	Low voltage or faulty wiring	Check electrical wiring and voltage level
Bulb stays on continuously	Sensor sensitivity too high	Adjust the sensitivity setting on the bulb
Dim or insufficient light output	Defective bulb or aging LED	Replace the bulb if necessary
Bulb turns on too late	Motion detection delay	Ensure sensor is within proper range
Overheating of the bulb	Ventilation blockage or bulb malfunction	Ensure proper airflow and check the bulb for defects
Shortened lifespan	Frequent switching or high temperatures	Avoid turning the light on and off frequently
Sensor constantly activated	Proximity to heat sources or reflective surfaces	Move the bulb away from heat or reflective objects
Incorrect light color	Mismatch with fixture requirements	Confirm compatibility with your lighting setup

PROS & CONS

Pros

1. The built-in motion sensor makes it ideal for hands-free use.
2. Energy-efficient, consuming only 9 watts to produce 800 lumens.
3. Easy to install with a standard E26 socket fitting.
4. Durable with a long lifespan of 15,000 hours.
5. UL-listed for quality and safety, providing peace of mind.

Cons

1. May not work well in areas with low movement activity.
2. Motion detection sensitivity may need adjustment for optimal performance.
3. Can be overly bright for small spaces.
4. May have a slight delay in activation in certain conditions.
5. Motion sensor features could be overly sensitive in high-traffic areas.

WARRANTY

The TORCHSTAR XL1A19-9W60MS-1P LED Motion Sensor Light Bulb comes with a **2-year warranty**, ensuring durability and reliability for your purchase. If any issues arise during normal use, the warranty covers replacements and repairs, offering peace of mind to customers.

FREQUENTLY ASKED QUESTIONS

What is the price of the TORCHSTAR XL1A19-9W60MS-1P LED Motion Sensor Light Bulb?

The TORCHSTAR XL1A19-9W60MS-1P LED Motion Sensor Light Bulb is priced at \$15.98, offering an affordable solution for motion-activated lighting.

What is the brightness output of the TORCHSTAR XL1A19-9W60MS-1P LED Motion Sensor Light Bulb?

The TORCHSTAR XL1A19-9W60MS-1P provides a brightness of 900 lumens, ensuring ample lighting with efficient energy usage.

What is the bulb shape and size of the TORCHSTAR XL1A19-9W60MS-1P LED Motion Sensor Light Bulb?

The TORCHSTAR XL1A19-9W60MS-1P features an A19 bulb shape, which is standard for many household fixtures.

What color temperature does the TORCHSTAR XL1A19-9W60MS-1P LED Motion Sensor Light Bulb emit?

The light emitted by the TORCHSTAR XL1A19-9W60MS-1P has a pure white color temperature of 6000 Kelvin, providing bright, cool light for various applications.

How does the motion sensor work in the TORCHSTAR XL1A19-9W60MS-1P LED Light Bulb?

The TORCHSTAR XL1A19-9W60MS-1P is equipped with a built-in motion sensor that detects movement within a 120-degree angle, automatically activating the light when needed.

What is the expected lifespan of the TORCHSTAR XL1A19-9W60MS-1P LED Motion Sensor Light Bulb?

The TORCHSTAR XL1A19-9W60MS-1P LED Motion Sensor Light Bulb has an impressive average lifespan of 15,000 hours, offering long-term reliability.

What is the wattage of the TORCHSTAR XL1A19-9W60MS-1P LED Motion Sensor Light Bulb?

The TORCHSTAR XL1A19-9W60MS-1P has a power consumption of 9 watts, providing efficient lighting with a high output of 900 lumens.

What is the beam angle of the TORCHSTAR XL1A19-9W60MS-1P LED Motion Sensor Light Bulb?

The TORCHSTAR XL1A19-9W60MS-1P has a 220-degree beam angle, providing wide and uniform coverage for enhanced illumination.

VIDEO – PRODUCT OVERVIEW



<https://www.manuals.plus/wp-content/uploads/2025/02/TORCHSTAR-XL1A19-9W60MS-1P-LED-Motion-Sensor-Light-Bulb-User-Manual.mp4>

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