

STAR-SPANGLED®

XGCL-22A MOTION SENSOR
LIGHT



STAR-SPANGLED XGCL-22A Motion Sensor Light Instruction Manual

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STAR-SPANGLED®

STAR-SPANGLED XGCL-22A Motion Sensor Light



INTRODUCTION

Convenient and easy to operate, the STAR-SPANGLED XGCL-22A Motion Sensor Light is an energy-efficient lighting option. This motion-sensor light, which has a touch-control technique, is perfect for a variety of indoor settings, including corridors, closets, and bedrooms. With a color temperature of 3000K and a brilliant output of 80 lumens, it ensures optimal visibility while producing a cozy, welcoming glow. This lamp has an amazing 10,000-hour lifespan and runs on nine AAA batteries. It was originally introduced on May 27, 2023, by NINGBO STAR-SPANGLED ELECTRIC CO., LTD., a reputable manufacturer renowned for its quality and inventiveness, and it costs just \$9.99. For anyone searching for a low-cost, efficient approach to light up their room while using the least amount of energy, the XGCL-22A is ideal. It guarantees color fidelity and improves the atmosphere of your space with an amazing CRI of 90.

SPECIFICATIONS

Brand	STAR-SPANGLED
Price	\$9.99
Control Method	Touch
Voltage	4.5 Volts
Brightness	80 Lumen
Area Lighting Classification	IP20
Maximum Compatible Wattage	0.5 Watts
Bulb Features	High CRI (Color Rendering Index)
Color Temperature	3000 Kelvin
Color Rendering Index (CRI)	90.00
Average Life	10,000 Hours
Bulb Diameter	7 Inches
Product Dimensions	7 x 1.8 x 1.2 inches
Weight	2.54 ounces
Item Model Number	XGCL-22A
Batteries Required	9 AAA batteries
Date First Available	May 27, 2023
Manufacturer	NINGBO STAR-SPANGLED ELECTRIC CO., LTD.
Country of Origin	China

WHAT’S IN THE BOX

- Motion Sensor Light
- Manual

FEATURES

- **Motion Sensor Activation:** This feature makes it convenient in low light levels by automatically turning on the light when human motion is sensed within a 120° range and up to 16 feet.
- **Light Sensor Integration:** To save battery life, the light only turns on in low-light or dark conditions. This keeps it from turning on during the day or in brightly lighted places.
- **Auto Turn Off:** To ensure energy conservation, the light automatically goes off after 20 seconds if no motion is detected.
- **Superior LED Lighting Source:** With a Color Rendering Index (CRI) of 90 and eight high-performance 0.5W LEDs, the lamp produces 80 lumens of light with exceptional brightness and color accuracy.



- **Energy Efficient:** The lamp has a high luminous efficiency and uses less power because it uses 80% high light transmittance lenses.
- You may change the lighting angle to increase the illumination range and offer focused light where it's needed because the light bar rotates 90 degrees.
- **Eye Protection:** By ensuring gentle, diffused light, the anti-glare display helps shield your eyes from intense brightness while still offering pleasant illumination.
- **Battery Operated:** The light runs on three AAA batteries (not included), which eliminates the need for power outlets or electrical wiring and makes it easy and safe to use.



Rotatable Light Bar

Adjust the LED bar up and down according to your needs to expand the scope of illumination.

90
Degrees
Bar Rotation Angle

106
Cubic feet
Light Coverage

Wider lighting range, give you more options to meet different needs.

90°

Battery Operated

Each is powered by 3 AAA batteries (Batteries NOT included).

3
Months
3 AAA Alkaline Batteries

The test data is based on 10 times a day, but the actual running time according to the frequency of use.

- **No Risk of Electric Shock:** Because it runs on batteries, there is no chance of electric shock, making it a safe lighting choice for households with young children.
- **Split Design for Simple Maintenance:** When a new battery is required, the motion sensor light's split design makes it simple to remove and reinstall.
- **Custom Ultra-Adhesive Pads:** The light is easy to mount in a variety of places, such as closets, staircases, or beneath cabinets, thanks to its ultra-adhesive pads, which guarantee solid installation on any surface.
- **Compact Design:** Its small size (7 x 1.8 x 1.2 inches) makes it adaptable and ideal for confined areas like stairwells or narrow cupboards.

LIGHT COLOR

CORRELATED COLOR TEMPERATURE (CCT):

6500K (PURE WHITE)



- **Touch Control Method:** A straightforward touch mechanism allows for easy operation and flexibility when controlling the light.
- The light is appropriate for dry interior environments because it is rated IP20, which protects it from solid objects larger than 12 mm but does not make it water-resistant.
- **Long Lifespan:** With an average lifespan of 10,000 hours, the light is guaranteed to last for a long time with no upkeep.

SETUP GUIDE

- **Unpack the light:** Gently take the light out of the box, making sure you have all the parts you need, including the light, the sticky pads, and the instruction manual.
- **Install the Batteries:** First, open the battery compartment and put three AAA batteries (not supplied) into each light, making sure to insert them correctly for best results.
- **Choose the Installation Location:** Pick a suitable area, like stairs, closets, or beneath cabinets, where motion detection is required.
- **Clean the Surface:** To improve adherence, clean the mounting surface of any dust or debris before placing the adhesive pad.
- **Apply the Ultra-Adhesive Pad:** To guarantee a tight fit, adhere the ultra-adhesive pad to the back of the light

and then press it firmly against the installation surface.

- **Slide to Secure:** To lock the light firmly in place, slide it onto the adhesive pad. When it's time to change the batteries, this makes removal simple.
- **Modify the Light Bar:** To change the lighting angle and better illuminate the area you want, turn the light bar up to 90 degrees if necessary.
- **In order to test the motion sensor:** Move in front of the light and make sure it activates when motion is detected and switches off after 20 seconds of inactivity.
- **Utilize Touch Control:** For a straightforward on/off experience, utilize the touch control method to turn on or off the light.
- **If necessary, relocate the light:** Carefully remove it from the surface, clean the new place, and then reapply the adhesive pad.
- **Turn Off When Not in Use:** To save battery life, turn off the light when not in use if you're placing it in a commonly used area.
- **Install Several Units:** If more lighting is required for adequate coverage, add more units to other rooms, hallways, or locations where motion detection is required.
- **Test Lighting Angle:** Verify that the angle of the light bar produces the appropriate amount of illumination. If necessary, adjust it to create a beam that is wider or more concentrated.
- **Make Sure the Light Detection Is Working:** To make sure the light detects motion as it should, walk within its 120° detection zone.
- **Monitor Battery Life:** To make sure the light continues to work, keep a check on the battery level. When the light dims or stops working, change the batteries right away.

CARE & MAINTENANCE

- **Replace Batteries Frequently:** Depending on usage, each light's three AAA batteries should be changed every few months or more frequently when they are no longer able to produce enough illumination.
- **Clean the Light:** To get rid of dust and dirt accumulation, periodically clean the light's surface with a gentle, dry cloth. Steer clear of harsh substances that could harm the light.
- **Verify Adhesive Integrity:** To guarantee a solid installation, clean the mounting surface and apply new adhesive pads if the light starts to come loose or lose its adherence.
- **Store Correctly:** Keep the lights in a cool, dry location and take out the batteries if they won't be used for a long time to avoid them leaking or draining.
- **Prevent Overheating:** To prevent component damage, keep the light away from direct heat sources such as stoves and radiators.
- **Rotate the Light Bar Occasionally:** If you frequently change the light's angle, make sure it is still firmly in place to prevent misalignment.
- **Motion Detection Test Periodically:** Walk in the motion sensor's detection zone to make sure it keeps functioning properly.
- **Protect from Moisture:** The lamp is not water-resistant despite having an IP20 rating. Make sure the light doesn't come into contact with any moisture or water and stays dry.
- **Reapply Adhesive Pads if Necessary:** To guarantee that the light stays firmly fixed, replace any adhesive pads that become ineffective over time.
- **Examine the light for signs of wear and tear:** Including cracks or breaks, and replace the unit if required.
- **Avoid Direct Sunlight:** To prevent overheating or early material deterioration, keep the lamp out of direct

sunlight for as long as possible.

- **Prevent Power Drain:** Place the lamp in places with little natural light to make sure it only goes on in low light to preserve battery life.
- **Keep the Sensor Area Clean:** To prevent dust or dirt from impairing the motion sensor's ability to detect motion accurately, clean the sensor area on a frequent basis.
- **Recycle Old Batteries:** Make sure you follow local recycling regulations to dispose of old batteries in an environmentally responsible way when they need to be replaced.
- **Verify Light Lifespan:** The light lasts 10,000 hours on average. To ensure optimum lighting performance, think about replacing it when its useful life is coming to an end.

TROUBLESHOOTING

Issue	Possible Cause	Solution
Light does not turn on	Dead batteries	Replace with fresh AAA batteries
Light flickers or dims	Low battery power	Replace batteries or ensure they're installed properly
Motion sensor is not detecting movement	Motion sensor is obstructed	Clean the sensor and ensure no objects block it
Light stays on continuously	Faulty touch control switch	Check and reset the switch; replace if necessary
Light is too dim	Batteries are old or weak	Replace batteries with new ones
Light is not responding to touch control	Dust or debris on the touch sensor	Clean the touch sensor and try again
Light stays off even with motion	Sensor malfunction	Reset or replace the sensor if necessary
Light turns off unexpectedly	Incorrect installation	Reinstall the light according to the manual
Light has low color temperature	Faulty light bulb	Replace the bulb with a compatible one
Light doesn't fit installation space	Incorrect bulb diameter	Ensure the space matches the light's size

PROS & CONS

PROS

1. Touch control provides an easy user experience.
2. High CRI of 90 ensures accurate color rendering.
3. Long lifespan of 10,000 hours.
4. Energy-efficient with low power consumption (0.5W).
5. Compact design makes it ideal for small spaces.

CONS

1. Requires 9 AAA batteries, which may need frequent replacement.
2. Limited brightness (80 lumens) for large rooms.

3. Area lighting classification is only IP20, meaning it's not waterproof.
4. Limited to 4.5V voltage, which may limit its compatibility with other systems.
5. Bulb diameter of 7 inches may be too large for tight spaces.

WARRANTY

The STAR-SPANGLED XGCL-22A Motion Sensor Light comes with a standard 1-year manufacturer's warranty, ensuring peace of mind with your purchase. The warranty covers defects in material and workmanship under normal use. However, it doesn't cover issues caused by improper installation or damage due to misuse or accidents.

FREQUENTLY ASKED QUESTIONS

What is the control method for the STAR-SPANGLED XGCL-22A Motion Sensor Light?

The STAR-SPANGLED XGCL-22A Motion Sensor Light uses touch control, allowing you to turn it on or off with ease.

What is the voltage requirement for the STAR-SPANGLED XGCL-22A Motion Sensor Light?

The STAR-SPANGLED XGCL-22A Motion Sensor Light operates at 4.5 volts, ensuring low power consumption while providing bright illumination.

How bright is the STAR-SPANGLED XGCL-22A Motion Sensor Light?

The STAR-SPANGLED XGCL-22A Motion Sensor Light offers a brightness of 80 lumens, providing sufficient light for small areas.

What is the area lighting classification of the STAR-SPANGLED XGCL-22A Motion Sensor Light?

The STAR-SPANGLED XGCL-22A Motion Sensor Light is rated IP20, which means it is suitable for indoor use and protected from solid objects larger than 12mm in diameter.

What is the maximum compatible wattage for the STAR-SPANGLED XGCL-22A Motion Sensor Light?

The STAR-SPANGLED XGCL-22A Motion Sensor Light supports a maximum compatible wattage of 0.5 watts, ensuring efficient energy use.

What bulb features are included in the STAR-SPANGLED XGCL-22A Motion Sensor Light?

The STAR-SPANGLED XGCL-22A Motion Sensor Light is equipped with high CRI (Color Rendering Index) bulbs, making colors appear more vivid and true to life.

What is the color temperature of the STAR-SPANGLED XGCL-22A Motion Sensor Light?

The STAR-SPANGLED XGCL-22A Motion Sensor Light emits light with a 3000K color temperature, providing a warm and inviting glow.

What is the color rendering index (CRI) of the STAR-SPANGLED XGCL-22A Motion Sensor Light?

The STAR-SPANGLED XGCL-22A Motion Sensor Light has a high CRI of 90, ensuring accurate color representation in your space.

VIDEO – PRODUCT OVERVIEW



[References.plus/wp-content/uploads/2025/01/STAR-SPANGLED-XGCL-22A-Motion-Sensor-Light-Instruction-Manual.mp4](https://www.references.plus/wp-content/uploads/2025/01/STAR-SPANGLED-XGCL-22A-Motion-Sensor-Light-Instruction-Manual.mp4)

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