

BLS T401

BLS T401 LED Motion Sensor Closet Light User Manual

Model: T401

1. SAFETY INFORMATION

Please read all instructions carefully before using the BLS T401 LED Motion Sensor Closet Light. Retain this manual for future reference.

- Do not expose the device to extreme temperatures or direct sunlight.
- Keep the device away from water and high humidity.
- Do not attempt to disassemble or modify the device. This may void the warranty and pose a safety risk.
- Use only the provided charging cable or a certified USB-C cable for charging.
- Ensure the installation surface is clean and dry before attaching the light using adhesive methods.

2. PRODUCT OVERVIEW

The BLS T401 LED Motion Sensor Closet Light is a versatile, rechargeable lighting solution designed for various indoor applications. It features a motion sensor for automatic illumination and a long-lasting battery.



Figure 2.1: The BLS T401 LED Motion Sensor Closet Light, a sleek silver bar with a central motion sensor and light strip.

Key Features:

- **Super Bright Illumination:** 200 lumens with 6000K Clean White Glow.
- **Wireless Installation:** No hard wiring required.
- **Motion Sensor:** Automatically turns on when motion is detected in dark or low-light conditions.
- **Rechargeable Battery:** Built-in 4500mAh UL certified battery for extended use.
- **Multiple Mounting Options:** Magnetic attachment, 3M adhesive tape, or screws.
- **3-Mode Switch:** OFF, ON, and AUTO modes for flexible operation.

SMARTER SENSOR

Light up in both dark and low ambient light

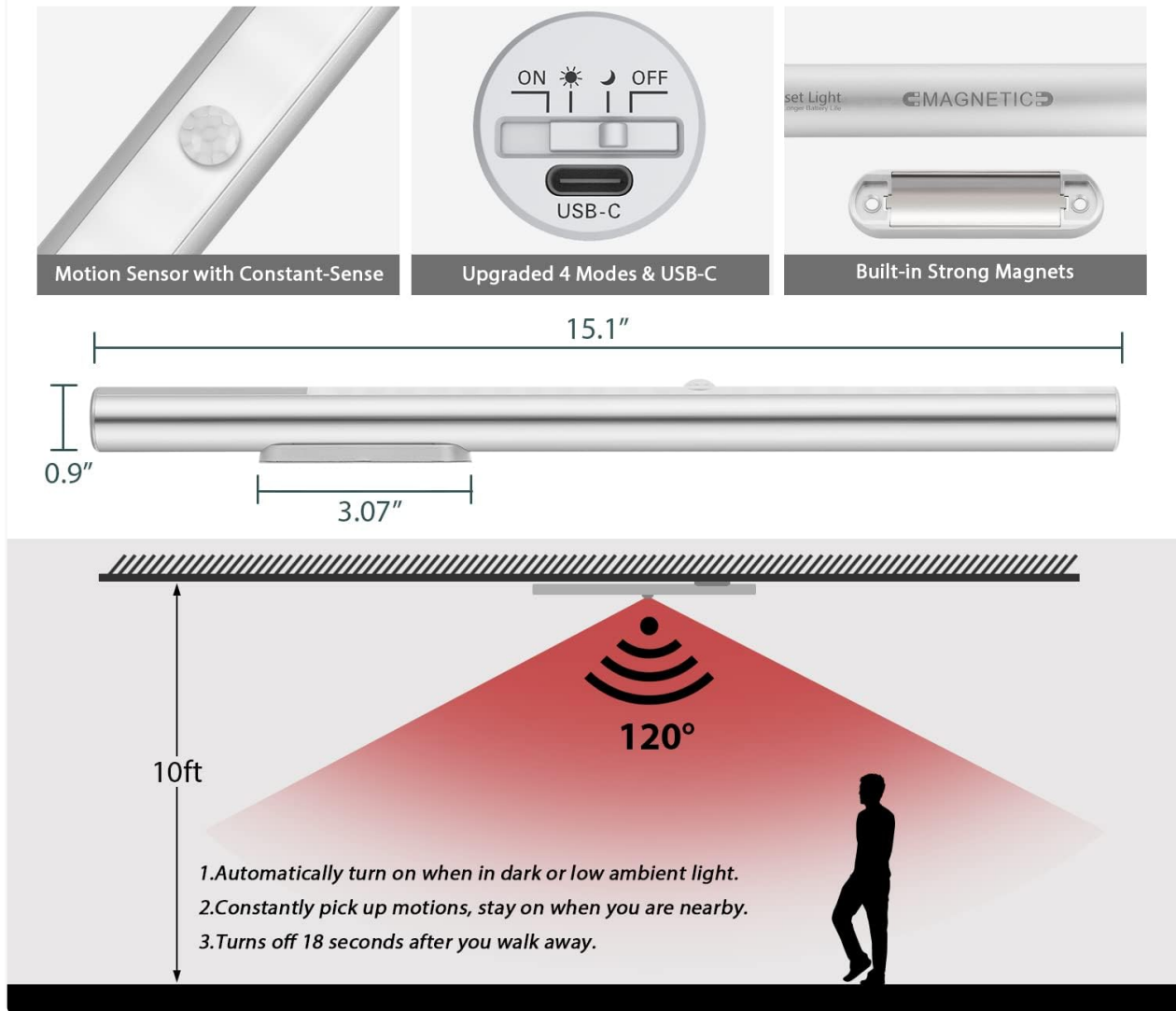


Figure 2.2: Diagram illustrating the dimensions of the BLS T401 light (15.1 inches long, 0.9 inches wide, 0.98 inches high) and its 120-degree motion detection range up to 10 feet.

3. SETUP

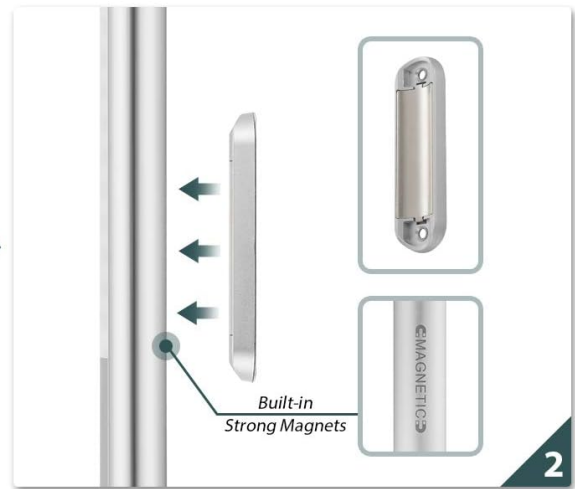
The BLS T401 offers flexible installation options to suit various surfaces.

Installation Methods:

- Magnetic Attachment:** The light has built-in strong magnets. It can be directly attached to any iron surface without additional mounting hardware.
- Adhesive Tape:** For non-magnetic surfaces, use the included 3M adhesive tape. Clean the desired surface thoroughly, peel off the protective film from the adhesive pads, attach them to the metal mounting brackets, and then firmly press the brackets onto the surface. Once the brackets are secure, the light can be magnetically attached to them.
- Screw Mounting:** For a more permanent installation, use the included screws. Mark the positions for the screws through the holes on the metal mounting brackets. Drill pilot holes if necessary, then secure the brackets with screws. Finally, attach the light magnetically to the installed brackets.

EASY TO INSTALL WITH STRONG MAGNET

Mounts with screws or 3M adhesive tape (both are included)



Optional: Attach to any iron surface.

Installation Finished!



Figure 3.1: Step-by-step guide for installing the light using adhesive tape and magnetic brackets, including an example of magnetic attachment to a refrigerator and under-cabinet placement.

4. OPERATING INSTRUCTIONS

The BLS T401 features a sliding switch with three modes: OFF, ON, and AUTO.

Mode Selection:

- **OFF:** The light remains off regardless of motion or ambient light.
- **ON:** The light stays continuously on.
- **AUTO:** In this mode, the motion sensor activates the light. The light will turn on when it senses motion in both dark and low-light environments. It stays on as long as motion is detected nearby and automatically turns off 18 seconds after motion ceases. A built-in light sensor ensures the light stays off when the ambient environment is bright to conserve battery.

Motion Sensor Adjustment:

The sensitivity of the motion sensor can be adjusted by rotating the light on its magnetic base. Adjust the angle to achieve optimal lighting and motion detection for your specific environment.

Video 4.1: An official BLS LED video demonstrating the light's features, including its battery and motion sensor functionality.

5. CHARGING

The BLS T401 is equipped with a 4500mAh rechargeable lithium-ion battery.

Charging Process:

1. Locate the USB-C charging port on one end of the light.
2. Connect the provided USB-C charging cable to the light and to a compatible USB power source (e.g., wall adapter, computer USB port).
3. The charging indicator light will illuminate to show the charging status. Refer to the indicator light guide for specific details (usually red for charging, green for fully charged).
4. A full charge can last up to 180 days in AUTO mode, based on 10 activations per day, 20 seconds each time.

The image is a split-screen comparison. The left side, labeled 'OUR', features a large green battery icon and text stating '180 Days Run Time' with usage details. The right side, labeled 'OTHERS', features a small red battery icon and text stating 'Get dim very soon.' with a note about small capacity batteries. A BLS T401 light fixture is shown diagonally across the center, overlapping both sides.

OUR	OTHERS
180 Days Run Time (Use it 10 times a day, 20 seconds each time) The Longest Battery Life in a Closet Light Ever Save you Time and Money	Get dim very soon. Small Capacity Battery Need to be charged frequently
	
Built-in Large 4500mAh rechargeable Battery	Less than 2000mAh or Powered by Alkaline batteries

Figure 5.1: Visual comparison highlighting the BLS T401's 180-day run time with its large 4500mAh rechargeable battery versus other lights with smaller batteries requiring frequent charging.

6. MAINTENANCE

To ensure optimal performance and longevity of your BLS T401 LED Motion Sensor Closet Light, follow these maintenance guidelines:

- **Cleaning:** Wipe the light's surface with a soft, dry cloth. Do not use abrasive cleaners or solvents, as these can damage the finish or electronic components.
- **Battery Care:** For best battery life, avoid completely draining the battery frequently. Recharge the light when the brightness noticeably diminishes.
- **Storage:** If storing the light for an extended period, charge it fully and store it in a cool, dry place. Recharge every 3-6 months to maintain battery health.

7. TROUBLESHOOTING

If you encounter any issues with your BLS T401, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on in AUTO mode.	Insufficient ambient light (too bright), no motion detected, or low battery.	Ensure the environment is dark enough for AUTO mode. Check for motion within the sensor's range. Recharge the battery.
Light turns off too quickly or stays on too long.	Motion sensor sensitivity or placement.	Adjust the angle of the light on its magnetic base to optimize sensor detection. Ensure no constant motion is within range if it stays on too long.
Light is dim or flickers.	Low battery.	Recharge the battery fully.
Light does not charge.	Faulty charging cable or power source.	Try a different USB-C cable and/or a different USB power source.

8. SPECIFICATIONS



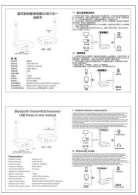
Feature	Detail
Brand	BLS
Model Number	T401
Light Source Type	LED
Brightness	200 Lumens
Color Temperature	6000 Kelvin (Clean White)
Battery Capacity	4500mAh Lithium Ion (UL Certified)
Power Source	Battery Powered
Product Dimensions	15.1"L x 0.9"W x 0.98"H
Item Weight	8 ounces

Feature	Detail
Material	Acrylonitrile Butadiene Styrene, Aluminum
Control Method	Slide Switch (OFF/ON/AUTO)
Motion Sensor Range	Up to 10 feet, 120° detection angle
Installation Type	Magnetic, Adhesive, Screw Mount
Indoor/Outdoor Usage	Indoor

9. WARRANTY AND SUPPORT

BLS offers a **One Year Warranty & Lifelong Service** for this product. Should you encounter any issues or have questions regarding your BLS T401 LED Motion Sensor Closet Light, please contact customer service via email at cuscare.blscollection@gmail.com. Please provide your order ID for efficient support. The manufacturer is committed to providing worry-free service.

Related Documents - T401

	<p>BLS 400/3 Celoobličejová maska: Technické údaje a vlastnosti</p> <p>Podrobný přehled celoobličejové masky BLS 400/3, včetně jejích materiálů, technických specifikací, certifikací a vlastností pro bezpečnostní složky. Univerzální připojení RD-40 a vysoký ochranný faktor.</p>
	<p>Forest Master BLS-3H Bulk Log Sawhorse Manual</p> <p>Comprehensive guide to the Forest Master BLS-3H Bulk Log Sawhorse, covering assembly, usage, safety, and warranty information. Learn how to safely and efficiently saw multiple logs.</p>
	<p>Shenzhen Bo Lian Sheng BLS-B55 Bluetooth Transmitter Receiver USB User Manual</p> <p>Comprehensive user manual for the Shenzhen Bo Lian Sheng BLS-B55, a versatile 3-in-1 Bluetooth transmitter, receiver, and USB audio adapter. Learn about setup, modes, specifications, and FCC compliance.</p>



User manual for the Stageworx BLS-315 Pro Lighting Stand B Kit, detailing safety instructions, features, operation, setup, disassembly, technical specifications, and environmental disposal.



User manual for the SpeedyBee F405 Mini BLS 35A 20x20 Stack, detailing specifications, connections, configuration, and firmware updates for the flight controller and 4-in-1 ESC. Includes setup guides for drone builders.

Comprehensive user manual for the SpeedyBee F405 V3 BLS 50A 30x30 Stack, detailing specifications, layout, connections, configuration, and firmware updates for both the Flight Controller and the 4-in-1 ESC.