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- › [BLS](#) /
- › [BLS T01L LED Closet Light User Manual](#)

BLS T01L

BLS T01L LED Closet Light User Manual

Model: T01L

1. INTRODUCTION

The BLS T01L LED Closet Light is a versatile, motion-sensing lighting solution designed for various indoor applications. It features 20 super bright LEDs, offering 180 lumens of soft white light. This light can be powered by 3 AA batteries for wireless operation or via a 5V USB DC input for constant lighting. Its adjustable light beam and motion sensor provide customizable illumination and detection.

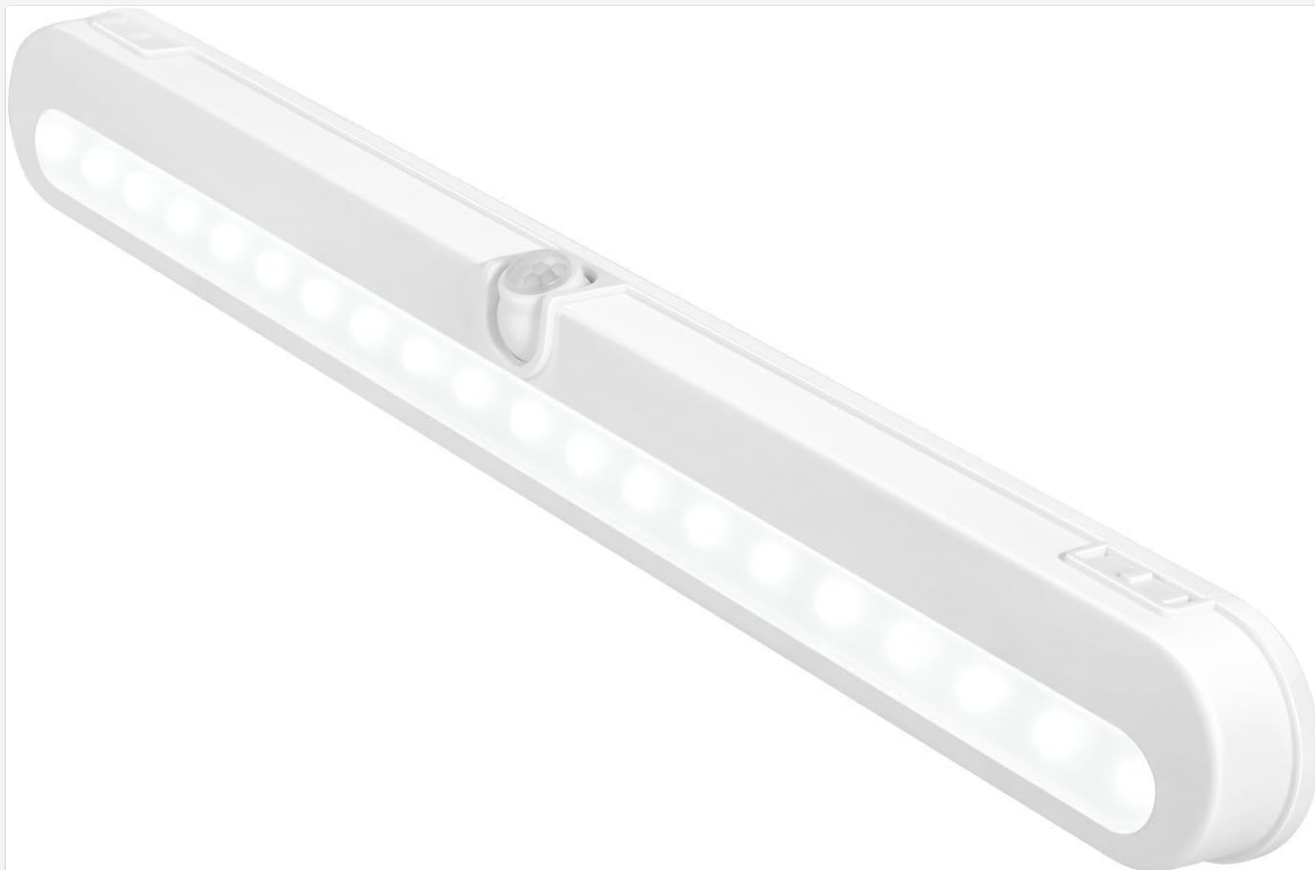


Image 1.1: The BLS T01L LED Closet Light, a 14-inch white light bar with a central motion sensor.

2. WHAT'S IN THE BOX

Please verify that all components are present upon opening the package:

- 1 x BLS Under Cabinet Light (Model T01L)
- 1 x DC Cable
- 2 x 3M Adhesive Tapes
- 1 x Instruction Manual (this document)



**Powered by 3 AA Batteries (Batteries Not Included)
or Powered by 5 Volts USB DC Cable for Constant Lighting**

Image 2.1: The BLS T01L LED Closet Light shown with its packaging, DC cable, and mounting accessories.

3. SPECIFICATIONS

Model Name	T01L
Brand	BLS
Light Source Type	LED (20 LEDs)
Brightness	180 Lumens

Color Temperature	6000 Kelvin (Cool White)
Wattage	2 Watts
Power Source	3 x AA Batteries (not included) or 5V USB DC Input
Product Dimensions	14.7"L x 2.6"W x 1.1"H
Item Weight	7.8 ounces (220 Grams)
Special Features	Cordless, Motion Activated, Adjustable Angle, Adjustable Motion Sensor Sensitivity
Control Method	Slide Switch (Auto/On/Off)
Installation Type	Screws or 3M Adhesive Tape
Indoor/Outdoor Usage	Indoor

4. SETUP AND INSTALLATION

Follow these steps to set up your BLS T01L LED Closet Light:

4.1. Powering the Device

The light can be powered by 3 AA batteries or a 5V USB DC input.

1. Battery Installation:

- Locate the battery compartment on the back of the light.
- Gently push to open the center part of the battery compartment cover.
- Insert three AA batteries (not included). One battery slides into the hole on the left, the second into the hole on the right, and the third goes into the open center between the first two. Ensure correct polarity (+/-).
- Close the battery compartment cover securely.

2. USB DC Power:

- Connect the provided DC cable to the light's DC input port.
- Plug the other end of the DC cable into a 5V USB power source (e.g., USB wall adapter, power bank).
- *Note:* If using USB DC power, it is recommended to remove the AA batteries to prevent potential issues or unnecessary battery drain.

Abundant Soft Light from 20 Super Bright LED



**Powered by 3 AA batteries(Not Included)
or
USB Cable (Included) 37"**



Image 4.1: Diagram illustrating the 14-inch length of the light and its power options: 3 AA batteries or USB cable.

4.2. Mounting the Light

The BLS T01L offers multiple installation options:

- **Adhesive Mounting:** Peel the backing from the 3M adhesive tapes and firmly press the light onto a clean, dry surface.
- **Screw Mounting:** Use the provided screws to secure the light to the desired surface. This method offers a more permanent installation.

The light can be mounted either horizontally or vertically, depending on your application needs.



► Multiple Installation Options:

* **Horizontally**

* **Vertically**

• **With Screw**

• **With new Update 3M sticker**

Image 4.2: Diagram showing horizontal and vertical installation options using screws or 3M adhesive stickers.

5. OPERATING INSTRUCTIONS

5.1. Mode Selection

The light features a slide switch with three modes:

- **AUTO Mode:** The light will automatically turn on when motion is detected within 10 feet in a dark environment. It will remain on for 20 seconds after motion ceases. The built-in light sensor ensures it only activates when ambient light is low (e.g., at night).
- **ON Mode:** The light will remain continuously on, regardless of motion or ambient light conditions.
- **OFF Mode:** The light will remain off.

5.2. Adjusting Motion Sensor Sensitivity

The motion sensor can be adjusted to modify its detection sensitivity and range:

- The motion sensor module is designed to swivel. Gently rotate the sensor to adjust its detection angle.
- This allows you to fine-tune the area where motion is detected, preventing unwanted activations.

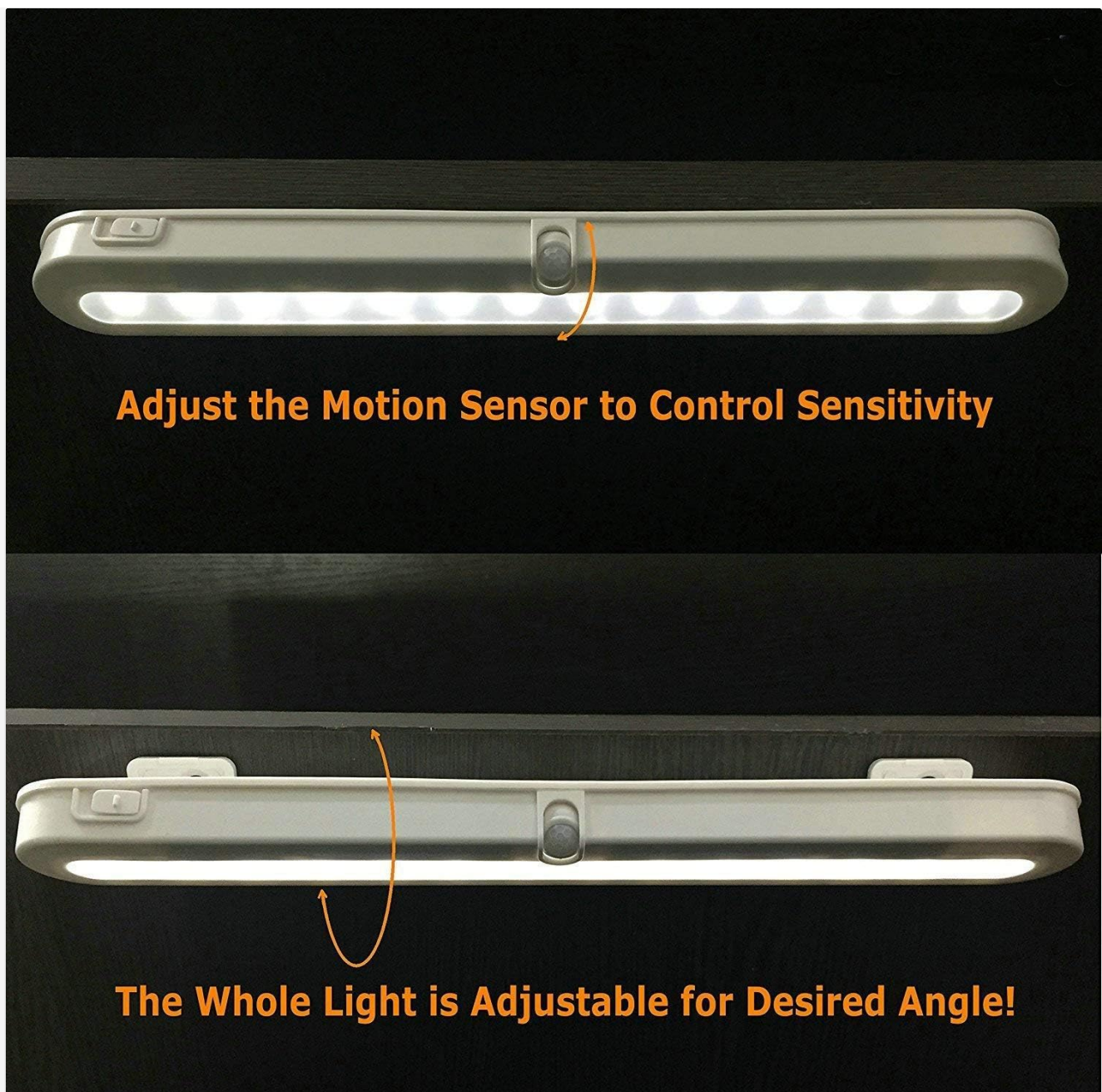


Image 5.1: Illustration of how to adjust the motion sensor to control sensitivity.

5.3. Adjusting Light Beam Angle

The entire light fixture can be adjusted to direct the light beam as desired:

- The light is mounted on a bracket that allows it to swivel.
- Gently pivot the light to achieve the desired illumination angle (e.g., 90°, 120°, 180°).



Image 5.2: Examples of adjustable light beam angles (90°, 120°, 180°) for optimal illumination.

6. MAINTENANCE

6.1. Battery Replacement

When the light output diminishes or the motion sensor becomes less responsive, it may be time to replace the batteries.

1. Open the battery compartment cover as described in Section 4.1.
2. Remove the old AA batteries.
3. Insert three new AA batteries, ensuring correct polarity.
4. Close the battery compartment cover.

Note: For optimal performance and to avoid frequent battery changes, consider using high-quality alkaline or rechargeable AA batteries. If using the USB DC power option, remove the AA batteries.

6.2. Cleaning

To maintain the appearance and functionality of your light:

- Ensure the light is in the OFF position or disconnected from power before cleaning.
- Wipe the surface with a soft, dry cloth.
- Do not use abrasive cleaners, solvents, or harsh chemicals, as these may damage the finish or electronic components.

7. TROUBLESHOOTING

If you encounter issues with your BLS T01L LED Closet Light, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	- Batteries are dead or incorrectly installed. - Light is in OFF mode. - Insufficient darkness (in AUTO mode). - Motion sensor is obstructed or misaligned. - USB DC cable is not connected or power source is off.	- Replace batteries or ensure correct polarity. - Slide switch to ON or AUTO mode. - Test in a darker environment or switch to ON mode. - Clear obstructions and adjust sensor angle. - Check USB connection and power source.
Light turns on too frequently or not enough (in AUTO mode).	- Motion sensor sensitivity is too high/low. - Light sensor is detecting too much/little ambient light.	- Adjust the motion sensor angle to fine-tune detection area. - Ensure the light sensor is not covered or exposed to direct light.
Short battery life.	- Frequent activation. - Low-quality batteries. - Using both AA batteries and external USB power simultaneously.	- Adjust motion sensor sensitivity to reduce unnecessary activations. - Use high-quality alkaline or rechargeable AA batteries. - Remove AA batteries when using external USB power.
Light is dim.	Low battery power.	Replace batteries or connect to USB DC power.

8. WARRANTY INFORMATION

The BLS T01L LED Closet Light comes with an extended warranty. For specific details regarding warranty coverage, terms, and conditions, please refer to the warranty card included with your product or contact BLS customer support.

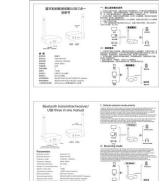
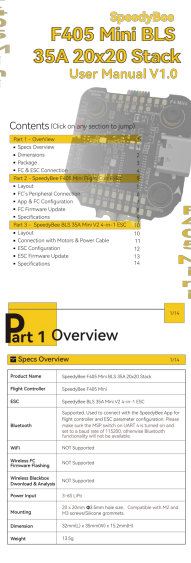
9. CUSTOMER SUPPORT

If you have any questions, require technical assistance, or need further support, please contact BLS customer service through the following channels:

- Email:** Refer to your product packaging or the official BLS website for the most current contact email.
- Website:** Visit the official BLS website for FAQs and support resources.
- Amazon Store:** You can also visit the [BLS Store on Amazon](#) for product information and seller contact options.

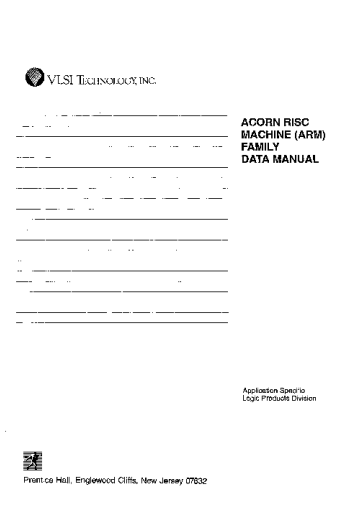


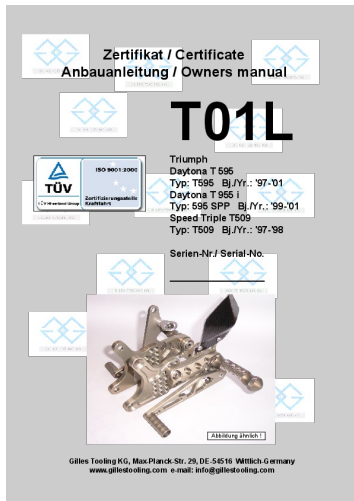
Related Documents - T01L

	Forest Master BLS-3H Bulk Log Sawhorse Manual 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.
	Shenzhen Bo Lian Sheng BLS-B55 Bluetooth Transmitter Receiver USB User Manual 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.
	Stageworx BLS-315 Pro Lighting Stand B Kit User Manual User manual for the Stageworx BLS-315 Pro Lighting Stand B Kit, detailing safety instructions, features, operation, setup, disassembly, technical specifications, and environmental disposal.
	SpeedyBee F405 Mini BLS 35A 20x20 Stack User Manual 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.

	SpeedyBee F405 V3 BLS 50A 30x30 Stack User Manual V1.0 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.
	Team Corally Kronos XTR Quick Start User Guide Comprehensive quick start and user guide for the Team Corally Kronos XTR RC car, covering setup, operation, maintenance, safety precautions, and warranty information. Includes detailed instructions for assembly, electronics installation, and car settings.

Documents - BLS – T01L

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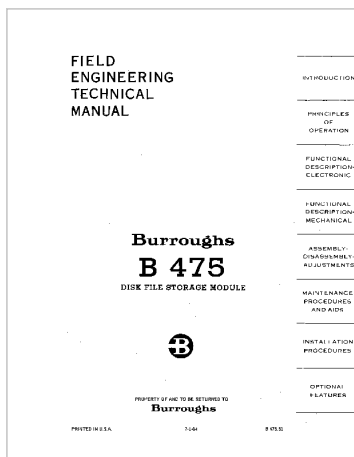
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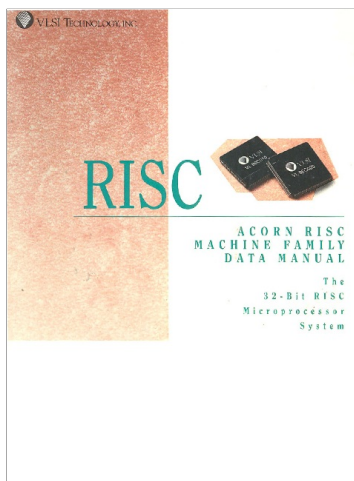
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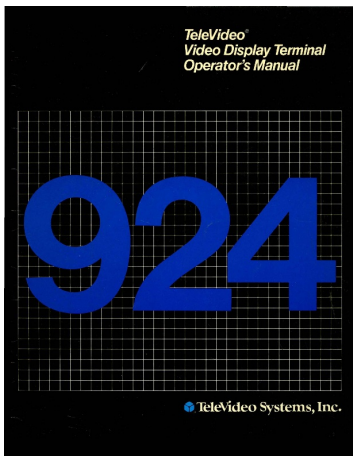
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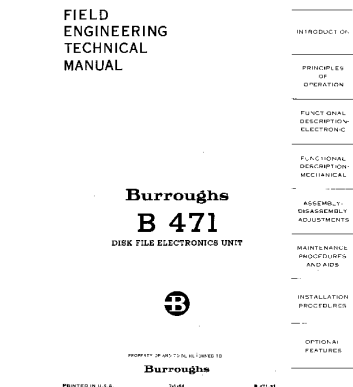
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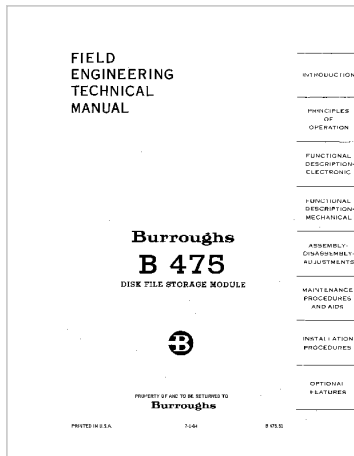
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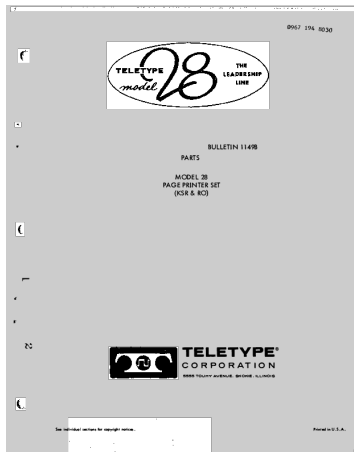
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