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**TYCOLE T2104**

# TYCOLE Blumenhaus Construction Set with LED Light

**Model: T2104**

## Introduction

This instruction manual provides comprehensive guidance for assembling, operating, and maintaining your TYCOLE Blumenhaus Construction Set with LED Light, Model T2104. This creative building toy allows you to construct a detailed garden shed model with integrated lighting. Please read all instructions carefully before beginning assembly.




Image 1: Fully assembled TYCOLE Blumenhaus Construction Set, showcasing the detailed garden shed with its various features and LED lighting.

## Safety Information

- **Small Parts Warning:** This set contains small parts and is not suitable for children under 3 years due to choking hazards.
- **Adult Supervision:** Adult supervision is recommended during assembly, especially for younger children.
- **Battery Safety:** The LED light module requires batteries. Ensure batteries are inserted correctly according to polarity (+/-). Do not mix old and new batteries. Remove exhausted batteries promptly.
- **Material:** The building blocks are made from ABS plastic. Avoid exposing the product to extreme temperatures or direct sunlight for prolonged periods.

## Package Contents

Your TYCOLE Blumenhaus Construction Set includes 705 pieces, designed to build a detailed garden shed model. Please verify all components are present before starting assembly.

- Assorted building blocks (705 pieces)
- LED light module with pre-installed batteries
- Instruction manual (this document)

## Assembly Instructions

Follow the numbered steps below to construct your Blumenhaus model. Refer to the included diagrams for visual guidance.

1. **Step 1: Base Construction**
   Begin by assembling the base plate and the foundational layers of the garden shed. Ensure all pieces are firmly connected to create a stable structure.




Image 2: The completed Garden Courtyard Building Set, providing an overview of the structure to be built.

2. **Step 2: Wall and Floor Assembly**
   Construct the walls for the ground floor and the first floor. Pay attention to the placement of window frames and door openings. Install the floor for the second level.

3. **Step 3: Adding Interior and Exterior Details**
   Integrate specific features such as the rotating staircase, awning, desk, snack table, and plant cabinet. Attach

decorative elements like flowers and tropical trees to enhance the garden theme.




Image 3: Detailed views of the Front Yard, Balcony, and Backyard sections, illustrating the various components and their placement.




Image 4: Close-up details of the Leisurely Cafe Area, the striped Awning, the functional Back Door, and the Exquisite Stairway, showing intricate design elements.

4. **Step 4: Roof and Top Patio Installation**
   Assemble and attach the greenhouse roof sections. Complete the top patio area, ensuring all railings and decorative elements are securely in place.

5. **Step 5: LED Light Module Integration**
   Carefully place the LED light module(s) into the designated slots within the model. Ensure the wiring is neatly tucked away and does not interfere with other components. The module typically includes two easy-to-rotate LED lights.

## Operating Instructions

The TYCOLE Blumenhaus Construction Set features integrated LED lighting to enhance its display. The LED light module comes with pre-installed batteries.

- **Activating the Lights:** Locate the small switch or button on the LED light module. Press or slide it to turn the lights ON.
- **Deactivating the Lights:** Press or slide the switch/button again to turn the lights OFF.

- **Battery Replacement:** If the lights dim or stop working, replace the batteries in the LED module. Refer to the battery compartment for specific battery type (e.g., 3LR44 Button Coin Cell Battery) and polarity.




Image 5: A visual comparison showing the Blumenhaus model with its LED lights turned OFF and then ON, highlighting the warm illumination provided by the lighting feature.

## Maintenance

- **Cleaning:** To clean the model, gently wipe with a dry, soft cloth. For stubborn dust, a slightly damp cloth can be used, followed by immediate drying. Avoid harsh chemicals or abrasive cleaners.
- **Storage:** Store the assembled model or disassembled pieces in a cool, dry place away from direct sunlight to prevent discoloration or material degradation.
- **Handling:** Handle the model with care to avoid accidental disassembly or damage to delicate parts.

## Troubleshooting

| Issue | Possible Cause | Solution |
| --- | --- | --- |

| Issue | Possible Cause | Solution |
|---|---|---|
| LED lights do not turn on. | Batteries are exhausted or incorrectly inserted. | Check battery polarity. Replace batteries if necessary. Ensure the light module switch is ON. |
| Pieces do not fit together securely. | Incorrect piece orientation or minor manufacturing variation. | Double-check the instruction diagrams. Apply gentle, even pressure. If a piece is significantly deformed, contact customer support. |
| Model is unstable. | Base or foundational layers are not firmly connected. | Review earlier assembly steps to ensure all connections are secure, especially at the base. |

## Specifications

| Feature | Detail |
|---|---|
| Model Number | T2104 |
| Brand | TYCOLE |
| Number of Pieces | 705 |
| Material | ABS Plastic |
| Assembled Dimensions (L x W x H) | 21.4 x 17.7 x 15.7 cm (8.43 x 6.97 x 6.18 inches) |
| Recommended Age | 6 years and up |
| Batteries Required | Yes (3LR44 Button Coin Cell Battery) |
| Educational Objectives | Analytical Skill, Construction Skills, Creative Thinking, Divergent Thinking, Hand-Eye Coordination |




Image 6: Diagram illustrating the assembled dimensions of the Blumenhaus model, including length, width, and height.

## Warranty and Support

TYCOLE products are manufactured to high-quality standards. For any questions, missing parts, or support needs, please contact the retailer or manufacturer directly. Please retain your proof of purchase for warranty claims, if applicable.

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