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Cololight LS166A6

LifeSmart Cololight PRO Smart LED Light Block (6-Piece) LS166A6 User Manual

Model: LS166A6 | Brand: Cololight

Introduction

The LifeSmart Cololight PRO is an innovative smart LED light system designed to enhance your environment with dynamic lighting. This 6-piece set features a built-in sound pickup module that synchronizes lighting effects with music and sounds, creating an immersive experience. The modular block design allows for creative customization and arrangement.

Key Features:

- Music Synchronization: Responds to sound and music with dynamic lighting.
- Modular Design: Freely combine blocks to create various shapes and patterns.
- Vibrant Illumination: Offers 16 million colors and gradient effects.
- App Control: Manage colors, brightness, effects, grouping, and set timers via the mobile application.
- Voice Control: Compatible with Amazon Alexa and Google Assistant.
- 1-Year Warranty: Provided by the official Japanese distributor (LE0104).

Product Components

The Cololight PRO set includes the following components:

- 6 x Hexagonal LED Light Blocks
- 1 x Controller Block (often integrated into one of the light blocks or a separate small unit)
- Connectors for linking blocks
- 1 x Base (stone material)
- 1 x USB Power Cable



Image: All components of the LifeSmart Cololight PRO 6-piece set, showing the hexagonal light blocks, various connectors, the stone base, and the USB power cable.



Image: Rear view of several Cololight PRO hexagonal blocks assembled on the stone base, illustrating the connector ports on each block.

Setup Guide

1. Assembly

1. **Plan Your Design:** Before connecting, decide on the desired shape or pattern for your light blocks.
2. **Connect Blocks:** Use the provided connectors to link the hexagonal light blocks. Ensure the connectors are firmly inserted into the connection jacks on the sides of the blocks.
3. **Attach to Base:** Connect your assembled light pattern to the stone base. The base typically has a main connector port.

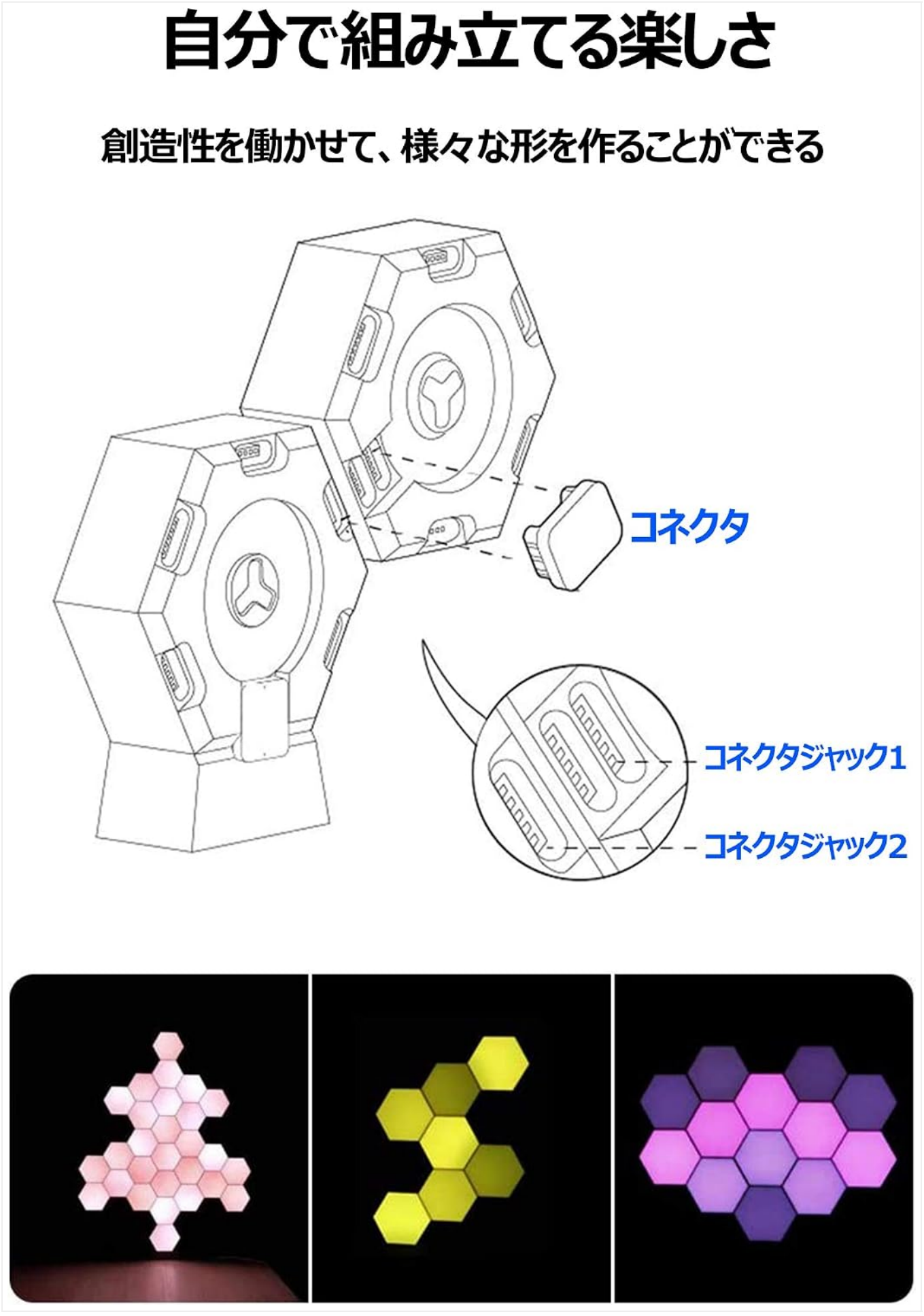

Image: An illustrative diagram demonstrating the connection process of Cololight PRO blocks using small connectors inserted into the side jacks.

2. Power Connection

4. **Connect USB Cable:** Plug the USB power cable into the designated port on the base or the main controller block.
5. **Power On:** Connect the other end of the USB cable to a compatible USB power adapter (e.g., 5V/2A, not always included) and plug it into a wall outlet. The lights should illuminate.

3. App Installation and Pairing

6. **Download the App:** Search for the "Cololight" app on your smartphone's app store (iOS App Store or Google Play Store).
7. **Create Account:** Open the app and follow the prompts to create a user account or log in.
8. **Add Device:** In the app, select the option to "Add Device" or scan for new devices. Ensure your phone's Wi-Fi and Bluetooth are enabled.
9. **Connect to Wi-Fi:** Follow the in-app instructions to connect your Cololight PRO to your home 2.4GHz Wi-Fi network. *Note: This model (PRO) does not support Apple HomeKit scene control directly, unlike the Cololight Plus model. It is compatible with Amazon Alexa and Google Assistant for basic controls.*
10. **Pairing Confirmation:** Once successfully paired, you will be able to control your Cololight PRO via the app.

Operating Instructions

1. Using the Cololight App

The Cololight app provides full control over your light blocks:

- **Color Selection:** Choose from 16 million colors to set the mood.
- **Dynamic Effects:** Select from various pre-set dynamic lighting effects or create your own custom patterns.
- **Brightness Adjustment:** Easily adjust the light intensity.
- **Grouping:** If you have multiple Cololight sets, you can group them for synchronized control.
- **Timer Function:** Schedule your lights to turn on/off at specific times.



Image: Mobile app interface screenshots demonstrating how to create and customize light patterns and colors for the Cololight blocks.



Image: An infographic highlighting key features such as music synchronization, various lighting effects, modular design, DIY color options, voice control, eye protection, brightness adjustment, grouping management, and timer functions.

2. Music Synchronization

The Cololight PRO features a built-in microphone that detects ambient sound and music, translating it into dynamic light patterns. To activate this feature, select the music mode within the Cololight app.



Image: Cololight PRO blocks illuminated with vibrant colors, illustrating the "Sound to Color" feature and mentioning the integrated dual-core CPU for processing light effects.

3. Voice Control

Integrate your Cololight PRO with Amazon Alexa or Google Assistant for convenient voice control. Follow the instructions in your respective smart assistant app to link your Cololight account. You can then use voice commands to turn lights on/off, change colors, or adjust brightness.

Maintenance

To ensure the longevity and optimal performance of your Cololight PRO:

- **Cleaning:** Gently wipe the surface of the light blocks with a soft, dry cloth. Avoid using abrasive cleaners or solvents.
- **Power Off:** Disconnect the power when not in use for extended periods or during cleaning.
- **Indoor Use Only:** This product is designed for indoor use and is not waterproof. Avoid exposure to moisture or extreme temperatures.

Troubleshooting

Problem	Possible Cause / Solution
Lights do not turn on.	• Check if the USB power cable is securely connected to the base/controller and the power adapter. • Ensure the power adapter is plugged into a working wall outlet. • Verify that all light blocks are properly connected to each other and the main controller.
Cannot pair with the app.	• Ensure your smartphone is connected to a 2.4GHz Wi-Fi network (5GHz networks are not supported). • Make sure Bluetooth is enabled on your smartphone. • Restart the Cololight PRO by unplugging and re-plugging the power cable. • Try resetting the device (refer to the app or manufacturer's website for specific reset instructions if needed). • Ensure the Cololight app is updated to the latest version.
Some blocks are not lighting up or displaying incorrect colors.	• Check the physical connections between the affected blocks and their neighbors. Ensure connectors are fully inserted. • Disconnect and reconnect the problematic blocks. • Ensure the power supply is sufficient for the number of blocks connected.
Voice control not working.	• Verify that your Cololight account is correctly linked to Amazon Alexa or Google Assistant. • Check your internet connection. • Ensure your voice assistant device is online and functioning correctly.

Specifications

Feature	Detail
Model Number	LS166A6
Brand	Cololight (LifeSmart)
Light Source Type	LED
Number of Light Sources	19 per block

Feature	Detail
Wattage	10 W (total for the set, or per block? Assuming total for the set based on typical smart light power consumption)
Voltage	5 Volts
Connectivity	Wi-Fi (2.4GHz)
Control Methods	App, Voice (Amazon Alexa, Google Assistant)
Special Features	Dimmable, Color Changing, Music Sync, Modular Design
Shade Material	Acrylonitrile Butadiene Styrene (ABS)
Base Material	Stone
Mounting Type	Wall Mount (also tabletop with base)
Indoor/Outdoor Use	Indoor
Water Resistance	Not Waterproof
Item Weight	901 Grams

Warranty and Support

This LifeSmart Cololight PRO (Model LS166A6) product comes with a**1-year warranty** provided by the official Japanese distributor (LE0104).
For technical support, warranty claims, or further assistance, please contact your retailer or the official LifeSmart Cololight support channels. Refer to the packaging or the official Cololight website for the most up-to-date contact information.
Online Resources:

- Cololight Official Website (for product information and support)
- Product Page on Amazon.co.jp

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