

BIGLIGHT B51IR-16CRGB-2

BIGLIGHT Battery Operated LED Ceiling Light (Model B51IR-16CRGB-2) - User Manual

Model: B51IR-16CRGB-2 | Brand: BIGLIGHT

INTRODUCTION AND OVERVIEW

This manual provides instructions for the BIGLIGHT Battery Operated LED Ceiling Light, Model B51IR-16CRGB-2. This versatile lighting solution offers remote-controlled operation, 12 color-changing options, and dimmable functionality, suitable for various indoor spaces.

Key Features:

- **4 Lighting Modes & 12 Colors:** Choose from 12 distinct colors and 4 lighting modes (FLASH, STROBE, FADE, SMOOTH) using the 24-key remote control.
- **Dimmable:** Adjust brightness levels to your preference via the remote.
- **Timer Function:** Set the light to automatically turn off after 1, 2, 3, or 4 hours to conserve battery life.
- **Battery Powered:** Each light operates on 3 C-Cell batteries (not included), providing approximately 100 hours of run time.
- **Easy Installation:** Designed for simple screw mounting on any wood surface or wall.
- **Versatile Use:** Ideal for bedrooms, bathrooms, hallways, closets, showers, and other indoor areas.



Image: Two BIGLIGHT LED Ceiling Lights and the included remote control.

PACKAGE CONTENTS

- 2 x BIGLIGHT LED Ceiling Lights
- 1 x Remote Control
- 4 x Mounting Screws
- 1 x User Manual (this document)

SETUP AND INSTALLATION

1. Battery Installation:

1. Gently twist the back cover of the light counter-clockwise to open.
2. Insert 3 C-Cell batteries (not included) into the battery compartment, ensuring correct polarity (+/-).
3. Replace the back cover by twisting clockwise until secure.

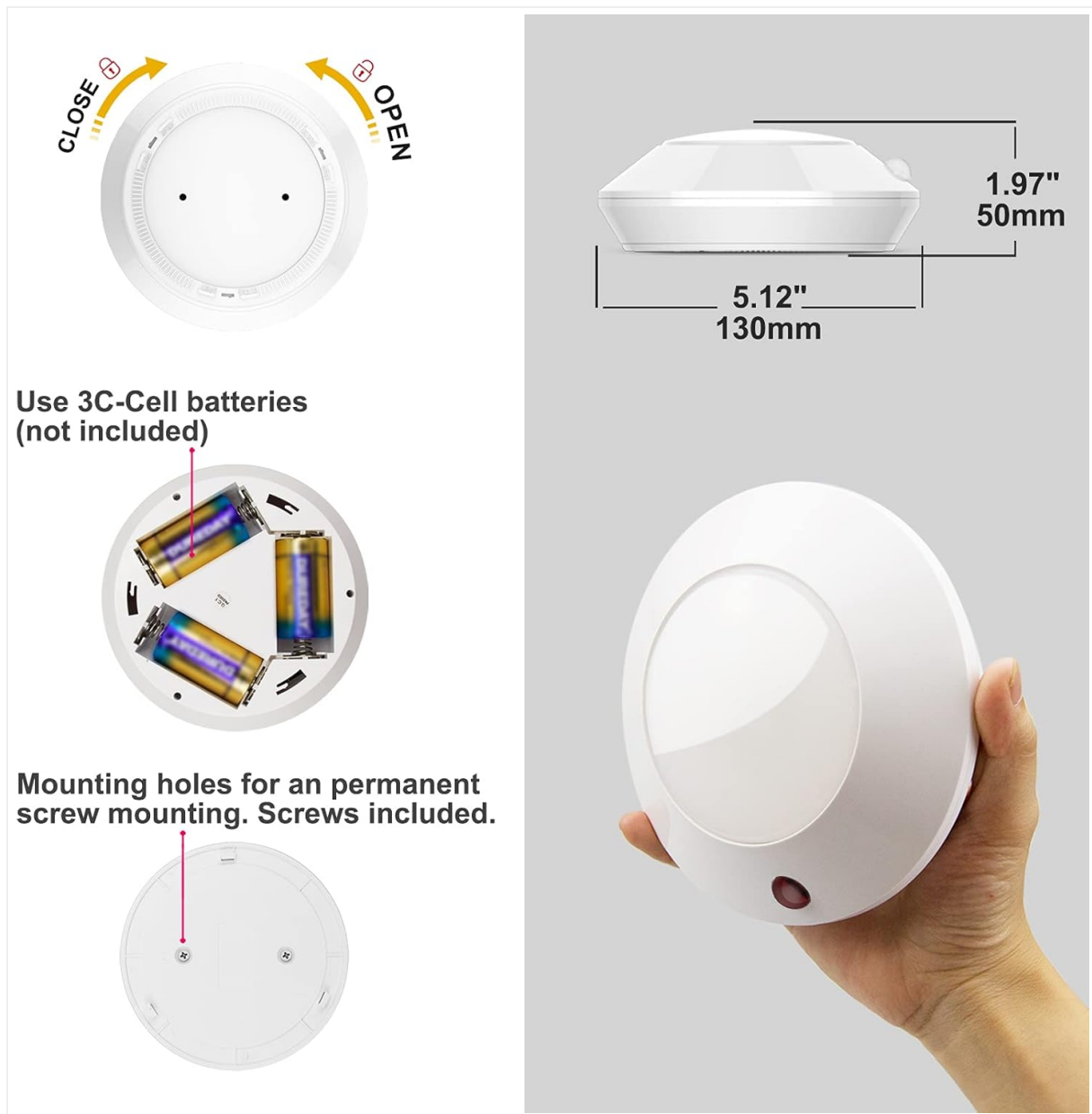


Image: Illustration of battery compartment access and mounting screw locations.

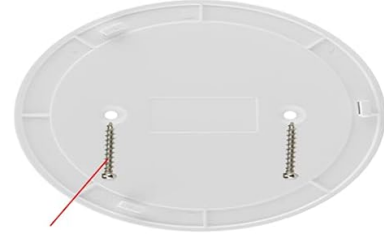
2. Mounting the Light:

The light can be installed using the provided screws. Choose a suitable indoor location on a wood surface or wall.

1. Position the light's base on the desired surface.
2. Mark the locations for the two mounting screws through the designated holes on the base.
3. Drill pilot holes if necessary, then secure the light's base using the provided screws.
4. Ensure the light is firmly attached to the surface.



Plastic Anchors



Mounting screw



Image: Visual guide for screw mounting the light fixture.

OPERATING INSTRUCTIONS

Using the Remote Control:

The included 24-key remote control allows for comprehensive management of the light's functions from up to 20 feet away.



Increases brightness & speed up
Flash/Strobe/Fade/Smooth Mode
(Level 1-5)

Decreases brightness & slow down
Flash/Strobe/Fade/Smooth Mode
(Level 1-5)

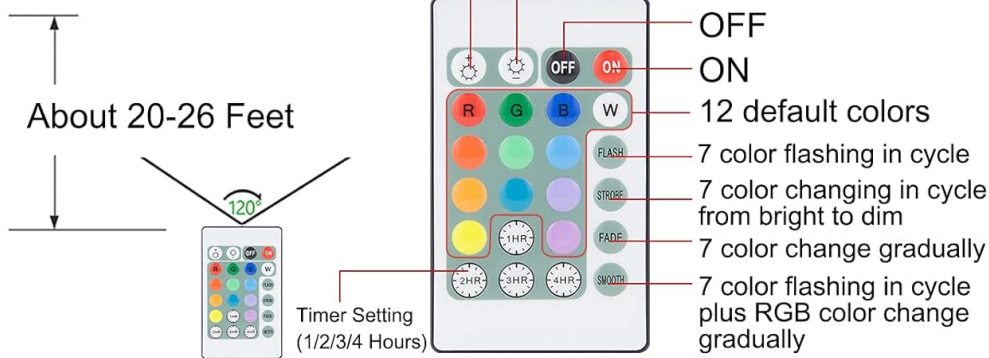


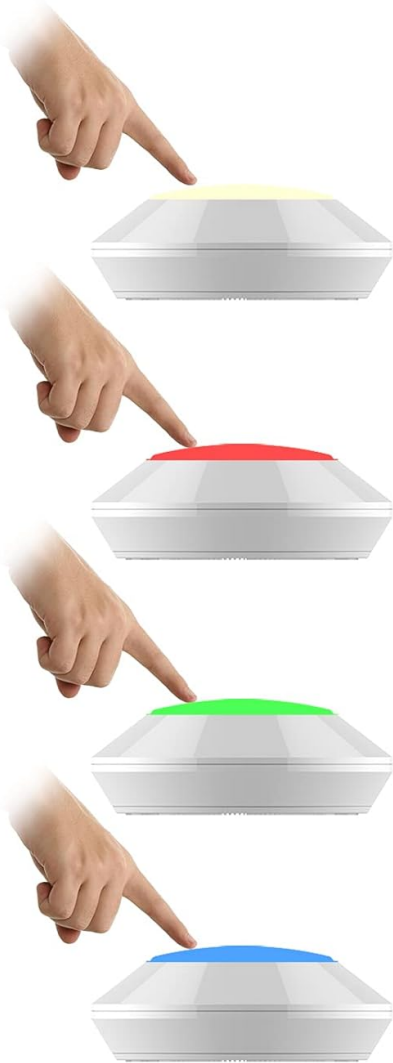
Image: Detailed layout of the remote control buttons and their functions.

- **Power On/Off:** Press the **ON** or **OFF** buttons.
- **Color Selection:** Choose from 12 preset colors by pressing the corresponding color buttons.
- **Dimming:** Use the brightness adjustment buttons (+ / -) to increase or decrease light intensity.
- **Lighting Modes:** Select from four dynamic modes:
 - **FLASH:** Rapid color cycling.
 - **STROBE:** Quick, intermittent flashes of a single color.
 - **FADE:** Smooth transition between colors.
 - **SMOOTH:** Gradual, continuous color change.
- **Timer Function:** Set the light to turn off automatically after 1, 2, 3, or 4 hours using the dedicated timer buttons.

Manual Operation (Tap Lens Switch):

The light can also be operated manually by pressing the tap lens switch located on the light fixture.

**Press lens to ON (WARM WHITE)/
RED/GREEN/BLUE/OFF**



**Remote control included On/Off/
Dimmer/12 color changing/
flash/strobe/fade/smooth
features**



Image: Demonstrates manual color selection by tapping the light's lens.

- **Short Press:** Cycles through Warm White, Red, Green, Blue, and Off.
- **Long Press:** Adjusts brightness when in Warm White mode.

MAINTENANCE

Battery Replacement:

When the light appears dim or unresponsive, it's time to replace the batteries. Each light requires 3 C-Cell batteries.

1. Twist the back cover counter-clockwise to open the battery compartment.
2. Remove the old batteries and dispose of them responsibly.
3. Insert new 3 C-Cell batteries, observing correct polarity.
4. Securely close the back cover by twisting clockwise.

Cleaning:

To clean the light fixture, gently wipe with a soft, dry cloth. Do not use abrasive cleaners or immerse the unit in water.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not turn on.	Batteries are dead or incorrectly installed.	Replace batteries, ensuring correct polarity.
Light is dim.	Low battery power.	Replace batteries.
Remote control is not working.	Remote battery is dead or out of range.	Replace remote battery (CR2025, typically included). Ensure remote is within 20 feet of the light.
Light changes color unexpectedly.	Interference or accidental remote button press.	Reprogram desired color/mode using the remote.

SPECIFICATIONS

Feature	Detail
Model Name	Ceiling Light
Item Model Number	B51IR-16CRGB-2
Brand	BIGLIGHT
Power Source	Battery Powered (3 C-Cell batteries per light)
Voltage	4.5 Volts
Light Source Type	LED
Brightness	300 Lumens
Color Temperature	3000K (Warm White)
Special Features	Color Changing, Dimmable, Remote Controlled, Timer
Control Method	Remote Control and Push Switch
Product Dimensions	5.12"D x 5.12"W x 1.97"H
Material	Plastic
Mounting Type	Screw Mounting
Indoor/Outdoor Usage	Indoor use only
Water Resistance Level	Not Water Resistant

WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the contact details provided with your purchase or visit the official BIGLIGHT website. Keep your purchase receipt as proof of purchase.

