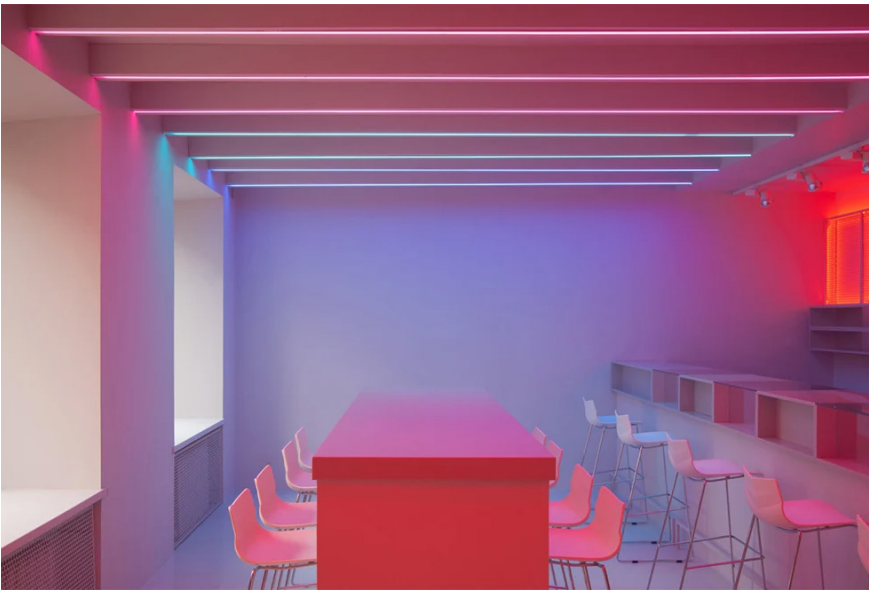


Project Name: _____ Type: _____ Quantity: _____

RGBW Control Series

Alcon Lighting offers a versatile range of control options for RGBW fixtures, designed to enhance flexibility and deliver a seamless user experience.

Choose from five control solutions: WiFi Mobile App, RF Remote Control, Wall Control with Bluetooth, DMX Wall Control, and DMX Wall Control with WiFi. Each system includes a control panel and decoder, providing a complete setup for vibrant, customizable illumination in any space.



Alcon Lighting 2310 RGBW Control Options Series



Mobile Application + WiFi



RF Remote Control
(White)
6.38" L x 1.65" W x 0.59" H



Wall Control + Bluetooth
(Black)
4.8" L x 3" W x 1.2" H



DMX Wall Control
(White and Black)
5.20" L x 7.09" W x 1.38" H



DMX Wall Control + WiFi
(White and Black)
5.75" L x 4.17" W x 0.43" H

ORDERING INFORMATION Example:

Model	Control Finish
2310	XI WiFi Mobile App RF-WH RF Remote Control (White) WCB-BK Wall Control + Bluetooth (Black) WCX-WH DMX Wall Control (White) WCX-BK DMX Wall Control (Black) WCXI-WH DMX Wall Control + WiFi (White) WCXI-BK DMX Wall Control + WiFi (Black)

RF Remote Control

The RF Remote Control Wireless Receiver & Control System offers effortless control of up to four independent zones of RGBW (Red, Green, Blue, White) lighting. By incorporating white light, this system enhances brightness and unlocks a wide spectrum of pastel hues—delivering a dynamic range of color options to meet the creative demands of even the most discerning lighting designers. Ideal for both residential and commercial applications, this intuitive system provides a seamless and sophisticated lighting experience.

FEATURES

Finish: White

Input Voltage: DC5V ~ DC24V

Power Capacity: 100W (5V) | 240W (12V) | 480W (24V)

Channels: 4-Zone Control

Output Current Max: 5A per Channel (20A Total)

Remote Distance: 50M (Line of Sight)

Operating Temperature: -22°F ~ 131°F

Protection: Reverse connection protection, Over Current, Over-Heat, Short Circuit

Working Frequency: 2.4 GHz

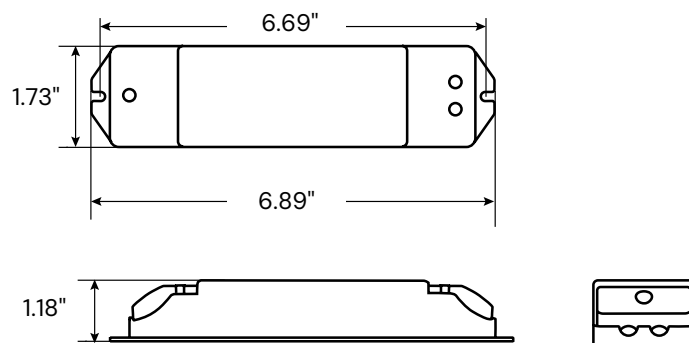
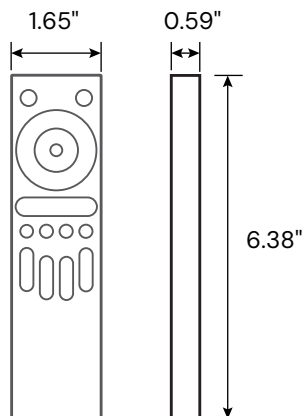
Listing: RoHS, CE

Weight: 0.44lbs

Warranty: 5 years carefree for parts & components (Labor not included)



DIMENSIONS



Wall Control + Bluetooth

The RGBW Wall Control + Bluetooth is a sleek, touch-sensitive control panel featuring advanced Bluetooth 5.0 SIG Mesh technology. Designed for multi-scene and multi-zone lighting applications, its minimalist aesthetic complements a wide range of interiors. Paired with a compact wireless Bluetooth receiver, it's fully compatible with RGB, RGBW, and RGBW+W LED systems. This control solution offers Soft-On and Fade-In dimming options, along with customizable color settings—delivering precise, high-performance lighting control that meets the needs of even the most discerning designers. Ideal for creating dynamic, tailored lighting experiences across commercial, hospitality, and residential spaces.

FEATURES

Finish: Black

Input Voltage: 12–24V DC

Control Mode: RGB | RGBW

Zones: 4–Zone Control, 16 modes

Wireless Protocol: Bluetooth 5.0 SIG Mesh

Operating Temperature: –4°F ~ 131°F

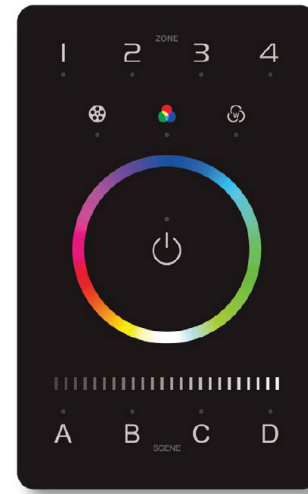
Protection: Short Circuit, Overcurrent, Overheat, Anti-Reverse Protection

Load Power: 240W (12V) | 480W (24V)

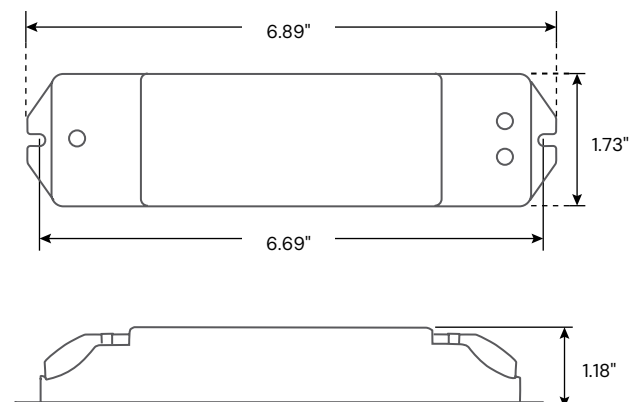
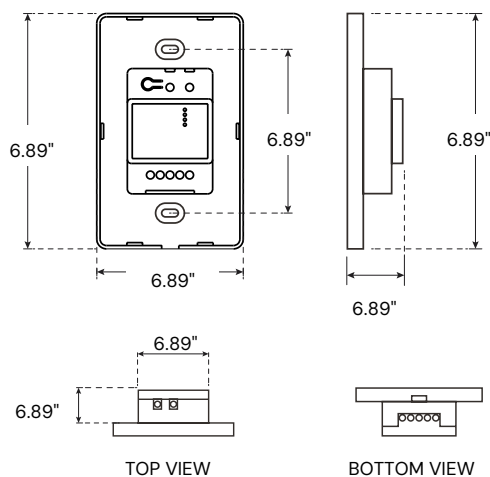
Load Current: 4Ax5CH/ 5Ax4CH (20A Max)

Receiver Listing: RoHS, CE, FC

Warranty: 5 years carefree for parts & components (Labor not included)



DIMENSIONS



DMX Wall Control

Alcon Lighting's DMX Wall Control is a modern, glass-touch controller designed to bring elegant precision to RGBW lighting control. Featuring an intuitive keypad, it offers seamless scene and four-zone control, with support for up to 512 DMX output channels. The system includes a high-performance receiver with constant voltage operation, providing four 8A output channels for reliable and efficient decoding. Addressable and highly customizable, this control solution enables tailored color settings and dynamic lighting experiences. Ideal for commercial, hospitality, and residential environments, it meets the high standards of today's lighting designers seeking refined, professional-grade control.

FEATURES

Construction: Sleek, slim and stylish glass face

Finish: White and Black

Input Voltage:

Control Panel: 5V DC / 1A

Receiver: 12V - 24V DC

Output Signal: DMX512

Controls: 4 Zones / 4 Scenes

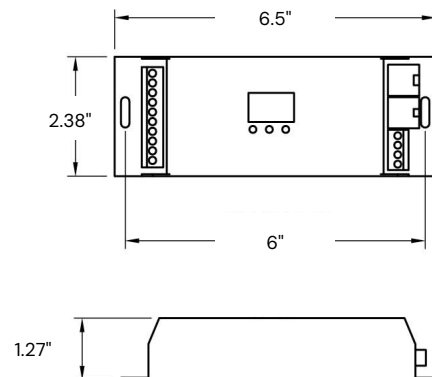
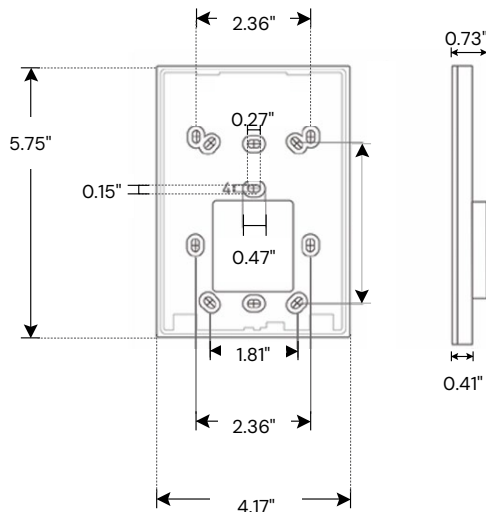
Operating Temperature: -4°F ~ 122°F

Listing: RoHS, CE

Warranty: 5 years carefree for parts & components (Labor not included)



DIMENSIONS



DMX Wall Control + WiFi

Alcon Lighting's DMX Wall Control + WiFi is a powerful, feature-rich lighting controller designed for sophisticated, color-rich architectural lighting projects. Perfect for demanding environments, this advanced system offers seamless DMX integration with intuitive operation via a sleek, touch-sensitive glass panel and a vibrant graphical color screen. Compatible with PC, Mac, Android, and iOS devices, it allows for remote control, scene programming, and real-time customization. Fully addressable and highly configurable, it enables dynamic, multi-zone lighting tailored to your project's exact needs. Ideal for commercial, hospitality, and high-end residential applications, this controller delivers precision and flexibility for lighting designers who expect exceptional performance and user experience.

FEATURES

Construction: Sleek glass design with graphical color display. 6 Scene Buttons and Color Wheel for accurate color selection

Mounting: Single or Double Gang Socket

Finish: White and Black

Input Voltage:

Control Panel: 5-10V DC

Receiver: 12V – 24V DC

Output Signal: DMX512 (x2)

Programmable: PC/ MAC

Connections: USB/ 8 Dry Contact Ports/ Open Drain Output (for relay)

Memory: Built-in Flash

Control: 1 Zone WiFi for remote network control and scene selection.

36 scenes can be stored within controller

Wireless Protocol: Bluetooth 5.0 SIG Mesh

Operating Temperature: 14°F ~ 113°F

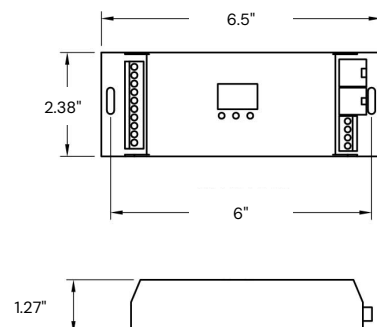
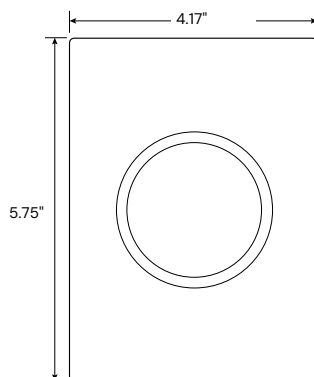
Weight: 0.44 lbs

Listing: RoHS, CE, cETLus

Warranty: 5 years carefree for parts & components (Labor not included)



DIMENSIONS



WARNING:



RISK OF FIRE AND ELECTRICAL SHOCK. FIXTURE MUST BE INSTALLED BY A QUALIFIED ELECTRICIAN ONLY IN ACCORDANCE WITH NATIONAL, LOCAL BUILDING AND ELECTRICAL CODES. DISCONNECT POWER AT ELECTRICAL PANEL BEFORE SERVICING.

BEFORE YOU BEGIN:

Ensure the DMX decoder's voltage and wattage are appropriate for your application. Confirm they match the specifications shown in the wiring diagram provided with this guide.

MOUNTING:

Choose a secure, appropriate location to mount the DMX decoder. When selecting the installation site, consider the distance between the transformer, controller, and LED fixtures to determine proper wire gauge requirements.

SAFETY & WARNINGS:

- Installation must comply with all local and national electrical codes.
- This product is rated for indoor use only. For outdoor installations, house the unit in a weatherproof enclosure rated for wet locations.
- Always turn off power at the main circuit breaker before installation to prevent risk of electrical shock.

