

RF Tunable Wall Controller

Omnify

Part # 970043

Project		Location	
Contact		Date	
Part Number		Fixture Type	

Tunable White & Dimming Control System



It offers a single-switch, end-to-end approach, eliminating redundant components and compatibility issues for superior performance. With its wireless support, It requires only the same wire set as a standard dimmer switch, reducing installation time and costs.

Just plug and play to start customizing your lighting in moments. Device pairing takes place automatically when the light is first switched on, with no technical knowledge needed.



Automatic Pairing by Turning On the Switch



Up to 700W



Wallplate Included in the Package



Standard Installation

Features and Benefits

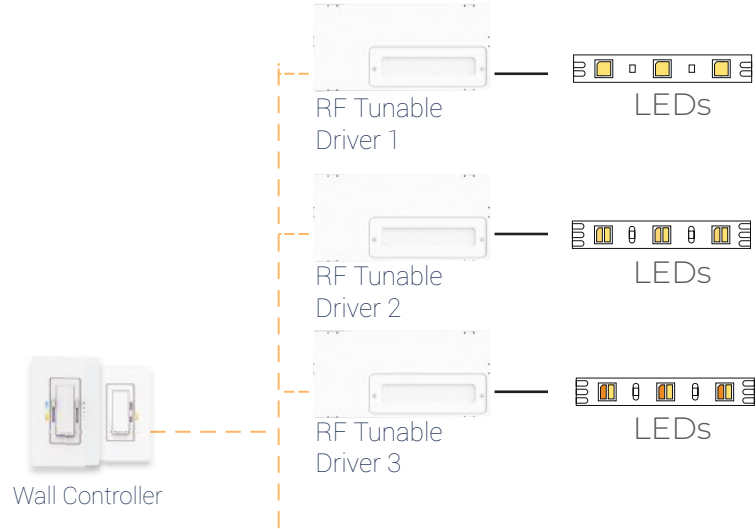
- 120VAC Wall Controller with No Battery Required
- Simple Installation w/ no Extra Wiring or Controllers
- SmartAir - App / Voice Control
- Fits US Standard Gang Box
- Flicker-Free Soft Dimming - Down to 0.1%
- Dim-to-Off
- Complies to IEEE and Title 24 Flicker Requirements
- A Single Wall Controller Can Control Multiple LED Drivers
- No Compatibility Issues
- Classic Design to Match Existing Style Switches
- UL Listed

RF Tunable Wall Controller



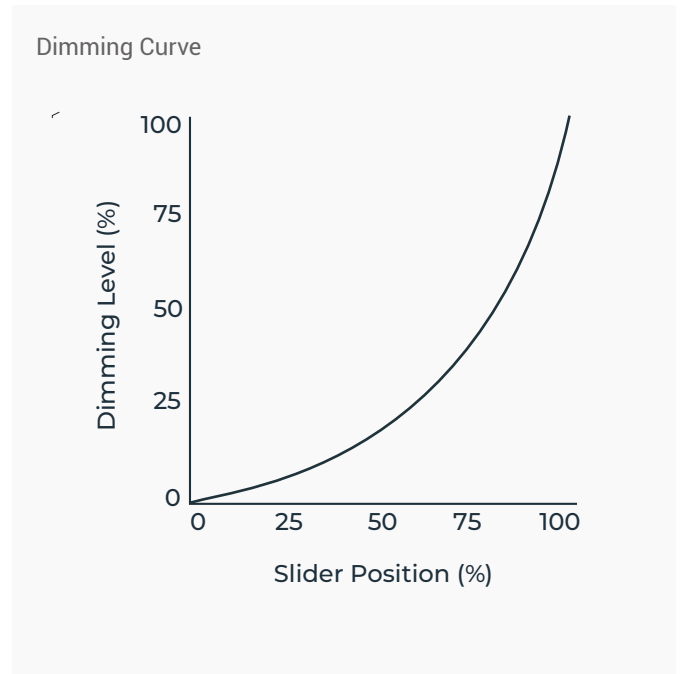
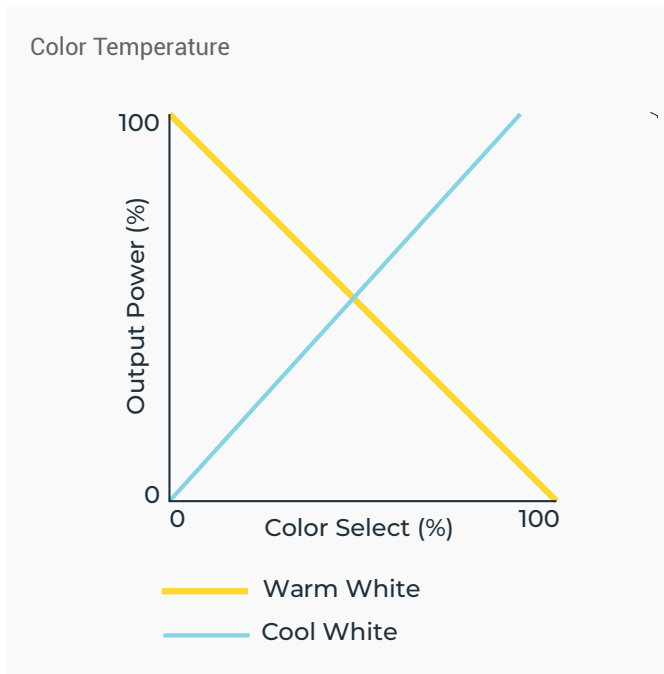
Overview

Installation

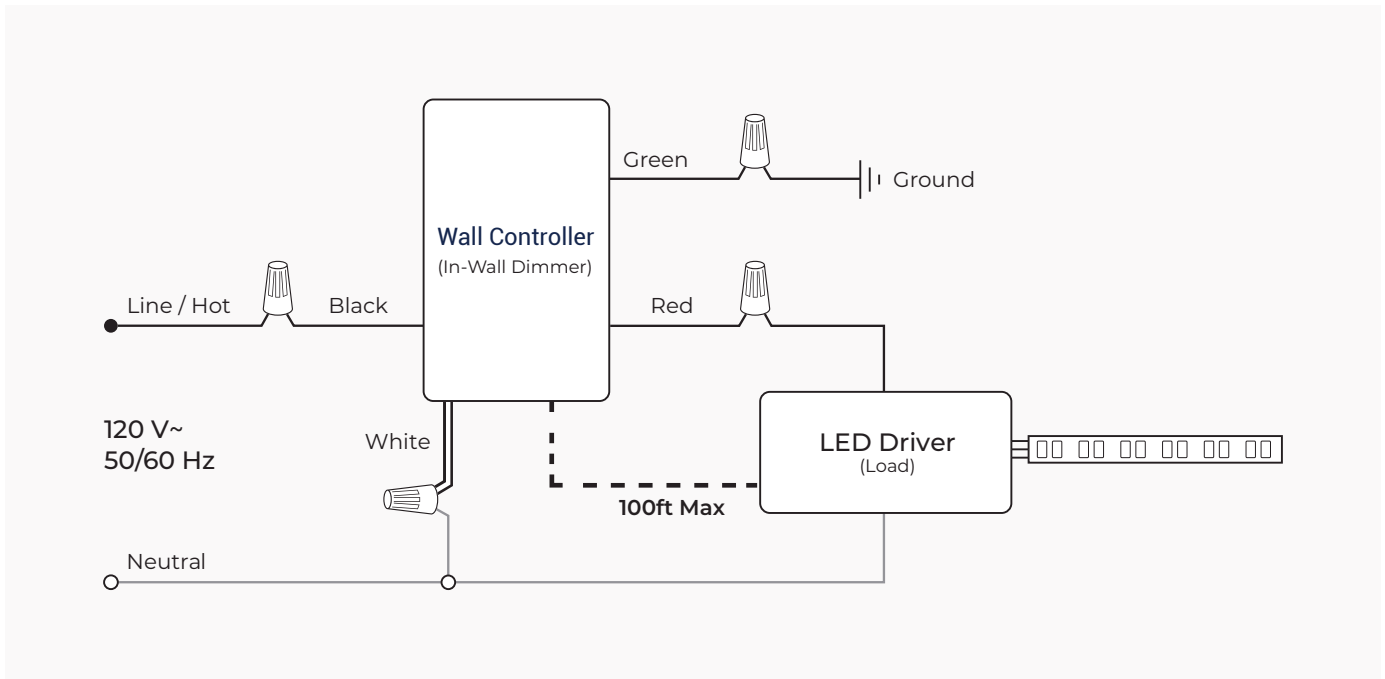


- Wired Connection
- - - Wireless Connection

Performance Curves



Wiring



Wiring Description

- Connect the green (or bare copper) wire from the wall box to the green Wall Controller wire.
- Connect the line/hot wire from the wall box to the black Wall Controller wire
- Connect the black LED Driver wire to the red Wall Controller wire.
- Connect the white wire from the wall box to the white LED Driver wire and the White Wall Controller wire.

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Electrical Specifications

Power and Ratings

Input	120VAC ~ 60Hz
Max Load	700W
Load Type	12/24VDC Tunable White LED's

Compliance

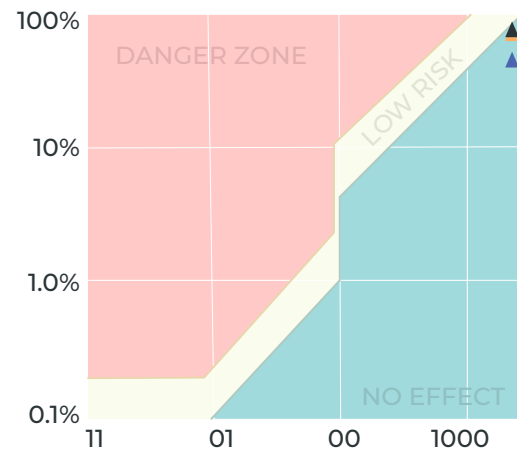
UC Listed	UL1472 / CSA C22.2 184.1 (UL Model #: TONE-WSW)
FCC	Class B Part 15

Environmental

Ambient Operating Temp	-30 °C - + 40 °C / -86°F - + 104°F
IP Rating	23

Dimming Performance

Control Protocol	RF (auto pairing)
Dimming Range	100% -0.1%
Dim to Off	Yes
Dimming Method	PWM (2400Hz)
Dimming Curve	Logarithmic (Default)



Flicker Performance Graph

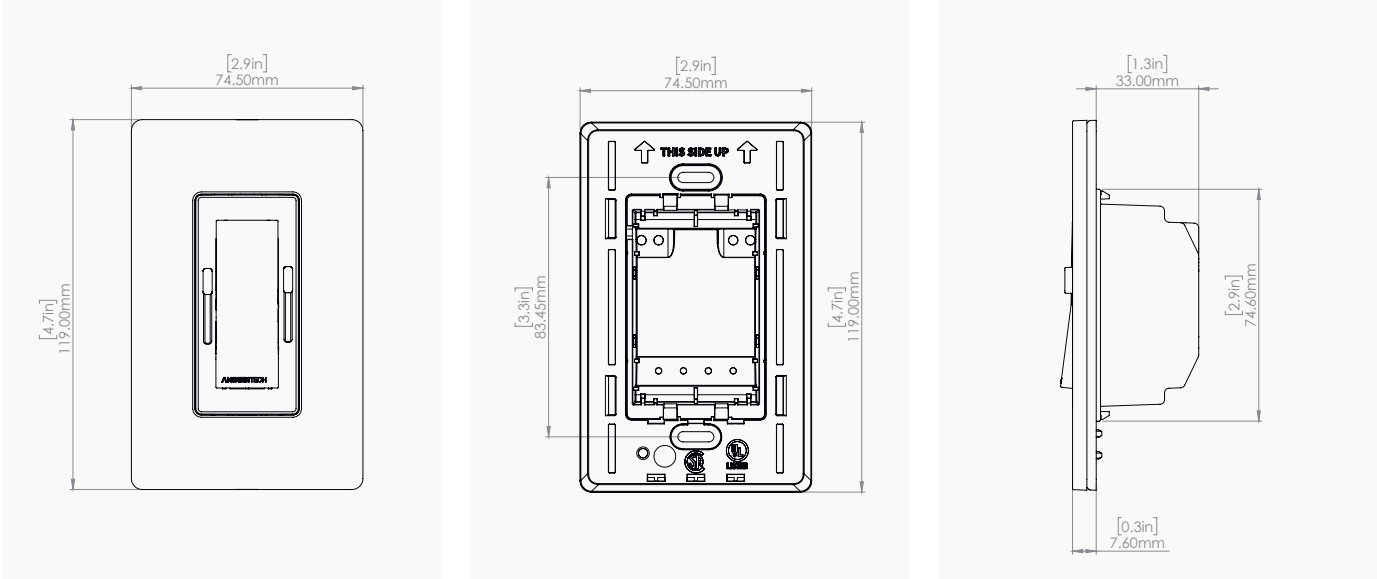
As defined in IEEE P1789, the results are presented with the low-risk in yellow and no observable effect in green.

Complies to Title 24 Flicker Requirements.

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Mechanical Specifications



Note: Requires a U.S. wallbox 2in (64 mm) deep minimum.

Material	PC/ABS - 5VA Rating
Finish	White Glossy (Default)

User Interface

