



# Leona® Pro Smart Home Controller

Product Data Sheet





# Leona® Pro Smart Home Controller

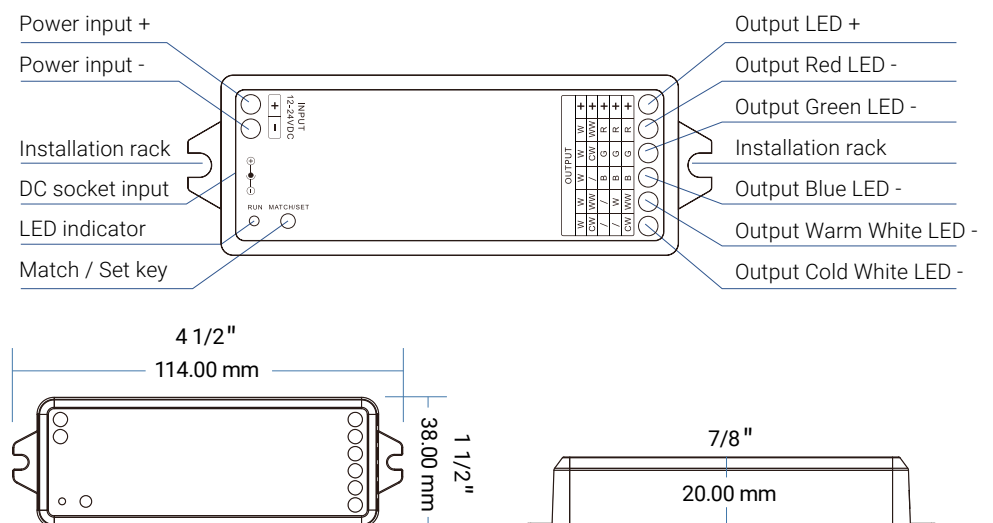
## Product Data Sheet



## Features

- 5-in-1 color controller able to control White/Single Color, Tunable White, RGB, RGBW, and RGB+Tunable White LED fixtures.
- DC power socket/hardwire input with 5 channel constant voltage output.
- Leona® Smart app compatible for functions such as timers, color changing, scene support and more.
- Voice control capable when used with Amazon Alexa or Google Home.
- Match with an optional handheld RF remote.
- Sync to your phone over Wi-Fi with faster pairing supported by Bluetooth.
- Use your phone network to control your lights if your Wi-Fi goes down.
- Select your style of lighting fixture by using the handy pairing light on the unit.
- Powered by 12V or 24V power supply.
- Indicator lights which reflect the color of light being controlled.
- Able to be mounted with mounting screws or 3M adhesive pad.
- Fade-to-off option.

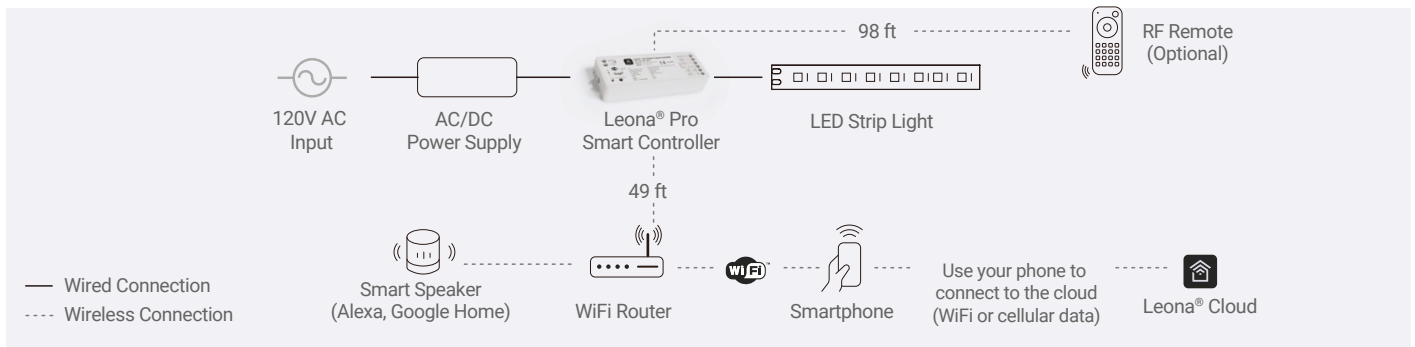
## Mechanical Drawing



## Specifications

Input Voltage	Input Current	Output Voltage	Output Current	Input Signal	Output Power	IP Rating
12-24V	15.5A Max	5 x 12-24V DC	5 channels, 3A max/channel	Leona® Smart app via Wi-Fi + 2.4 GHz RF	5 x 36-72W depending on voltage	IP20
Control Distance	Dimming Range	Dimming Curve	PWM Frequency	Operating Temperature	Warranty	Protection
30M (without obstacles)	0-100%	Logarithmic	<5mA	-30°C to 55°C (-22°F to 131°F)	5 Years	Reverse Polarity and Overheating

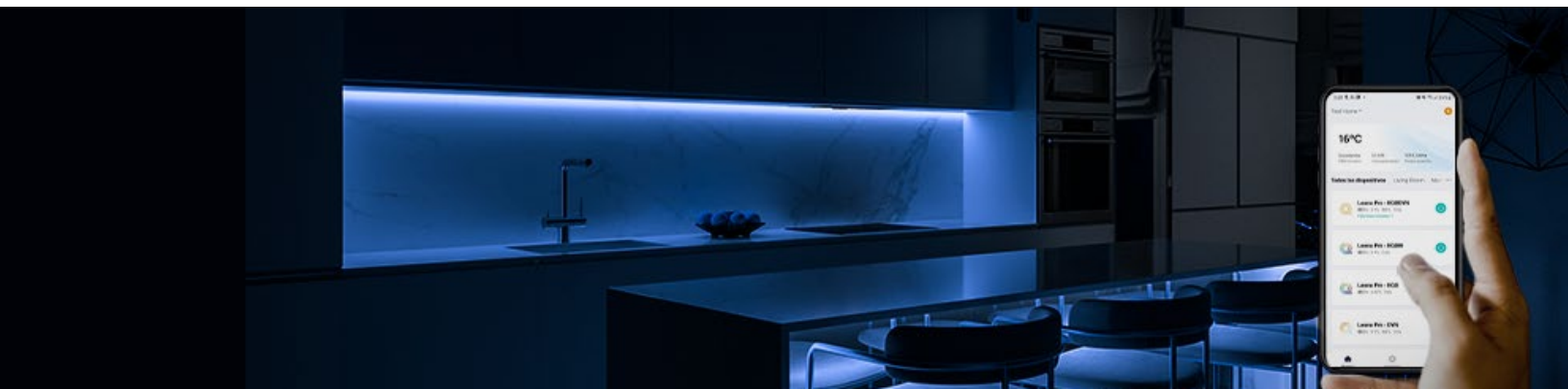
## System Setup



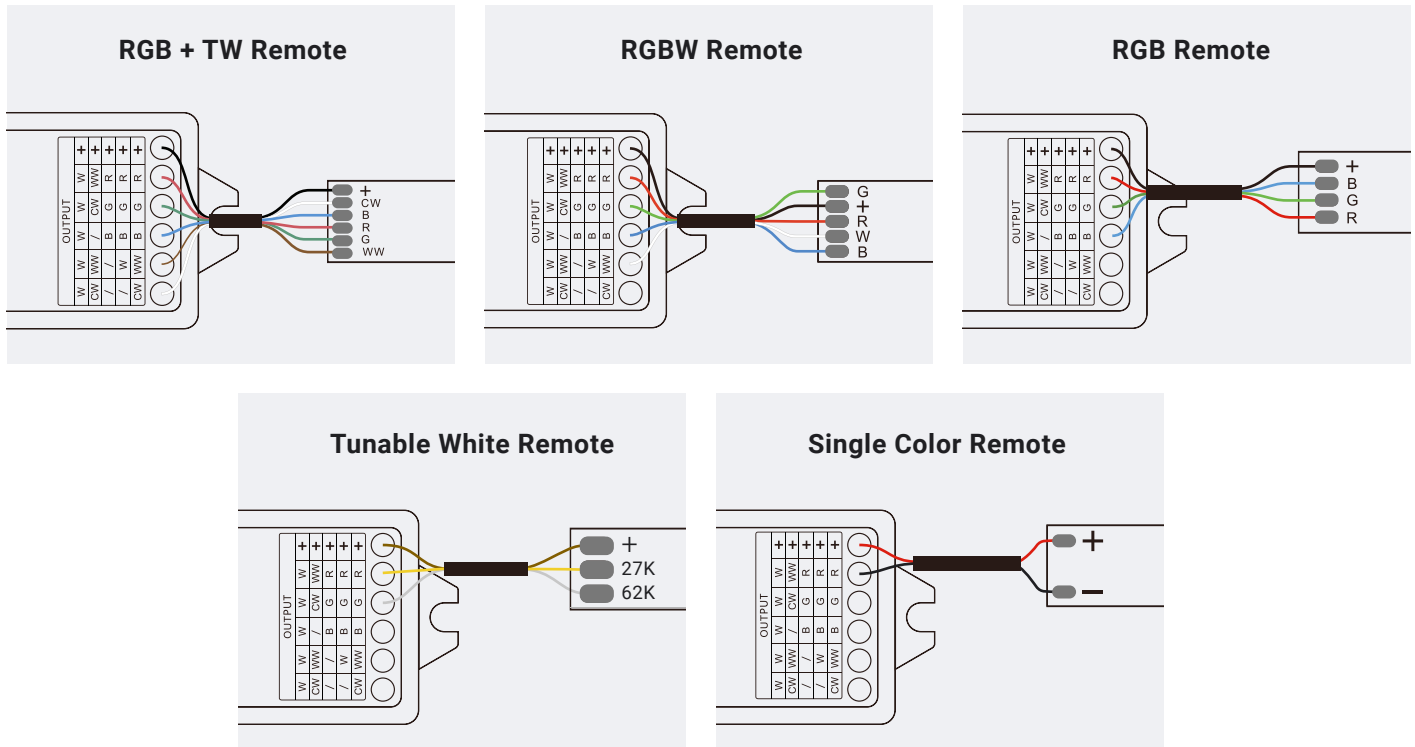
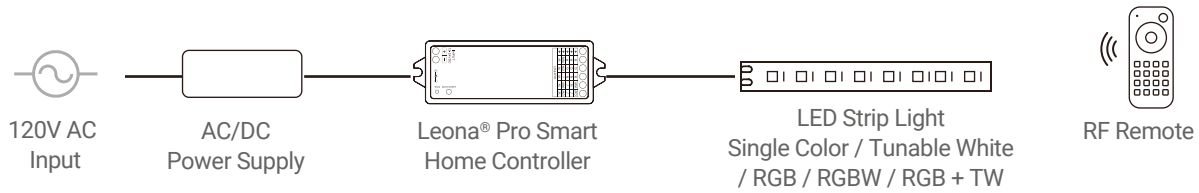
1. The distances shown in the drawing are based on an environment free of any obstructions.
2. Please ensure that you are using the 2.4GHz band of your Wi-Fi router as the 5GHz band is not compatible with the Leona® Smart app.
3. Ensure that your Wi-Fi router is within 15 meters of your Leona® devices and ensure that your Wi-Fi is functioning properly.

### CAUTION:

- Do not place the controller in any kind of metal enclosure. Ensure the power supply and LED strip light are using the same operating voltage.
- Do not place anything on or around the controller, power supply or strip light that is not intended to be used with the system.
- Do not place in or around water or in a high humidity environment. Intended for indoor use only.



## System Wiring



1. Connect the power supply to the Leona® Pro Controller and wait until the "RUN" light on it starts blinking purple.
2. Once the light is blinking, press the "MATCH/SET" key once to make the "RUN" light a solid color.
3. Once solid, press and hold the "MATCH/SET" key. You'll see the "RUN" light start to change colors (This color change can take a few seconds to start). Release the button when you get to the color assigned to your lights:
  - **Single Color lights:** WHITE/TEAL run light.
  - **Tunable/Dynamic lights:** YELLOW/LIGHT GREEN run light.
  - **RGB lights:** RED run light.
  - **RGBW lights:** GREEN run light.
  - **RGB + Dynamic lights:** BLUE run light.
4. Once you get to your desired color, release the "MATCH/SET" key and follow the instructions in the app to sync the receiver. Make sure you turn on your phone's Bluetooth and WiFi (2.4Ghz WiFi is needed, 5.0Ghz is not compatible).

### NOTES:

- The "RUN" light colors always follow a pattern so, for example, the GREEN light you see after RED will always be the RGBW while the YELLOW/LIGHT GREEN light you see will always go after TEAL and before RED.

- If you miss one of the steps or face issues during the setup process, you can start again from scratch by disconnecting the power supply and waiting 10 seconds to connect it again.