

modern sprout.

# PORTRAIT GROWFRAME

Instruction Manual



Included in Box

Model # MOD-0500-01

92 CRI Rated Full+Spectrum 32 LED Panel

Average Lifespan 25,000 hrs

Eco-Friendly, Low-Power 3-Setting Timer with Brightness Control Adapter Specifications: Input: 100-220V 13.5W; 4000K Natural White Light Output: DC 9V 1.5A

Exterior Dimensions: 9.6" x 17.25" x 5.5"

Includes: 9V 1.5A Power Adapter + 9' White Cord, Hanging Hardware, Operation Manual

Material: Wall-Mountable Powder Coated Steel Frame

Assembled in the USA

3 Year Warranty

**PLEASE READ THIS MANUAL PRIOR TO OPERATING, ASSEMBLING OR ATTEMPTING TO RETURN THIS UNIT.**

## A FULL SPECTRUM GROW LIGHT FOR LIVING GREEN

Light the way to a greener home. Your Portrait Growframe is the vital solution for growing your favorite plant in a sun-deprived space. It beautifully frames and thoughtfully nourishes low-to-bright light loving plants. Simply mount, add plants and set the timer. Light is delivered daily to keep your plants happy and brighten your home.

Many questions may be answered by visiting [www.modsprout.com](http://www.modsprout.com).

Customer Service: [service@modsprout.com](mailto:service@modsprout.com) or 312.373.9292

GROW & TELL:   

@modsprout #modernsprout #grow&tell

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## HOW IT WORKS

Full spectrum LEDs supply an optimal blend of light colors to support seed starting, vegetative growth and flowering. LEDs run at low temps thus minimizing the risk of burning young seedlings/ plants. With the timer set, the light automatically turns on and off ensuring your plants get plenty of light every day.

But how do the grow lights work exactly? You've probably heard of photosynthesis, the process by which plants make food by trapping light energy in their leaves. That light has many different colors in it. Chlorophyll, a plant pigment which does the trapping and creates energy for the plant, usually absorbs red and blue light. These two colors' specific wavelength range, called Photosynthetically Active Radiation (or PAR for short), falls within 400 nanometer (nm) to 700 nm wavelengths, perfect for Chlorophyll A and B to manufacture sugar to fuel plant growth.

Our full-spectrum grow light provides both of these ranges in high amounts as well as in between ranges, too, which are important to other plant pigments. Even better? The combination of all spectrums is emitted as a natural, warm sun-like white color instead of the harsh bluish glare of other commercial grow lights.

## BUILT-IN GROW LIGHT

Our 92 CRI rated full-spectrum LEDs produce museum-quality lighting, meaning it will not alter the color of your plants or your home. Eco-friendly LEDs use minimal power and have a long life span. They're rated for 25,000 hours of usage (an average of 12 yrs depending on timer settings). LEDs emit little to no heat and have a conformal coating for water resistance and durability.

## 3-SETTING TIMER WITH BRIGHTNESS CONTROL

Just plug it in and set the timer. Includes light on/off settings ranging from 8-16hrs with brightness intensity control. A tranquil fade in and fade out mimics dawn and dusk. Timer is touch sensitive and sleekly mounted - simply tap the surface to operate. See reverse side for set-up.

## WALL MOUNTING

Includes three drywall screws for mounting the Growframe to the wall. It is recommended that you mount the frame into studs, but if that is not possible use wall anchors.

## TO MOUNT

1. Grab a friend to help
2. Place frame in desired location
3. Using a level, mark the location of the top two mounting holes
4. Remove the frame and screw two screws into the marked holes, leaving 1/4" of the screws exposed
5. Mount frame by aligning screws with holes
6. Tighten screws
7. Screw third screw into center hole for added stability

## GARDENING TIPS

### LIGHT SETTINGS

Different plants require different intensities and durations of light to thrive. Select 8 HOURS and adjust brightness to medium intensity for shade and low light plants. Choose 12 HOURS and adjust brightness to medium-max intensity for partial sun plants. And, use 16 HOURS at max intensity for full sun plants.

### AIR FLOW

The Growframe provides a protective environment, yet many plants benefit from air flow. It strengthens their stems and helps them stay hearty and upright, which is important when plants are started from seed and need to mature. When starting from seed, consider placing in a well-ventilated area near a window, vent or fan.

### SETTING THE TIMER

Plug the enclosed power adapter into a wall outlet.

Tap the SET TIMER button to toggle timer setting options. A blue light will illuminate for 10 seconds to indicate what setting is selected.

Once the desired setting is selected, tap the INSTANT ON/OFF button to start the Growframe timer/lights.

## LOCATION + PLANT RECOMMENDATIONS

Plants can thrive in any room with the Growframe. Our suggestions? Pair it with a humidity loving botanical like a fern or orchid in your bathroom and use it as a nightlight. Place it in your kitchen and grow your favorite herb. Hang it as artwork in your living room and fill it with an air-purifying plant like aloe or English ivy. Create a tranquil space in your bedroom with lavender or chamomile.

### WATERING

Watering frequency depends on the plant type. Be sure to factor in the environmental conditions based on the location of the Growframe (sunlight, heat, humidity). If your planter has a drain hole, make sure you add a tray underneath it to prevent water damage.

### FOR MORE INFO, PLEASE VISIT [WWW.MODSPROUT.COM](http://WWW.MODSPROUT.COM)

LEDs will fade on over several minutes and stay on for the selected time. At the end of the timer duration, the LEDs will fade off. The LEDs will stay off for the selected number of hours, and the sequence will repeat at the same time the next day.

To temporarily turn off the Growframe for the day, tap the INSTANT ON/OFF button twice. The Growframe will turn off and resume the normal timer sequence the next day.

To permanently turn off Growframe, tap SET TIMER button until you reach the TIMER OFF setting.

## ADJUSTING BRIGHTNESS

Default brightness is max intensity. Setting the brightness will not alter the timer setting.

Simultaneously press the INSTANT ON/OFF button and the SET TIMER button. Release both buttons. If done successfully, all four indicator lights will illuminate in the right-hand settings area.

Press and hold INSTANT ON/OFF to decrease brightness.

## SAFETY GUIDELINES & CARE INSTRUCTIONS

For indoor use only.

The LEDs have been permanently installed into this fixture. Do not repair, disassemble, or modify under any circumstances.

Although LEDs do not get as hot as incandescent light bulbs, they still generate some heat. Avoid touching the LED panel and do not cover lights with flammable objects.

Do not try to modify the plug, cable or adapter. Use only with supplied AC power adapter.

Do not use the light if the power cord gets damaged.

Avoid usage in high temperature areas.

TO PREVENT RISK OF SHOCK OR INJURY, always power off and unplug Growframe before cleaning. Use a soft and slightly damp cloth when cleaning LEDs. Do not use chemical or abrasive cleaners.

Press and hold SET TIMER to increase brightness.

Release when you've achieved desired brightness.

Press the INSTANT ON/OFF button and the SET TIMER button and release both buttons to complete and exit brightness setting mode. All four blue indicator lights will turn off. The timer will return to the existing programmed setting.

## 3-YEAR LIMITED WARRANTY ON LEDS & ELECTRONICS

Failure to comply with the recommendations in this manual will void warranty. Modern Sprout warrants the LEDs & ELECTRONICS in this product for three years from the date of purchase from Modern Sprout or an authorized Modern Sprout retail partner. Proof of purchase required. The warranty covers only damage resulting from defects in material or workmanship; it does not cover conditions or malfunctions resulting from normal wear, neglect, abuse, accident, or repairs attempted or made by other than Modern Sprout. The customer is responsible for the costs of shipping the product to Modern Sprout.