BRASS GROWHOUSE

Instruction Manual

modern sprout.

BRASS PLANTER + GROW LIGHT

Light the way to a greener home. Our Growhouse is the essential accessory for happy plants in sun-deprived spaces. Its full spectrum LEDs nourish low-to-bright light loving botanicals. Simply add plants, seeds or clippings and select a daily on/off lighting schedule in the Modern Sprout App.

SPECS

4000K Natural White Light

90+ CRI Dimmable LEDs

16.5"l x 5.5"w x 15.8"h

27W Power Adapter

10' White Power Cord

Average Lifespan 25,000 hrs

3 Year Warranty

INCLUDES

Brass Plated Stainless Steel Fixture + Planter, 2x LED Light Strips, 10' White Power Cord with Manual On/Off Switch, Integrated Hanging Hardware, Operation Manual, Smart App Software

Assembled in the USA of imported and domestic components.

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

GROW LIGHT

Our 90+ CRI dimmable 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.

WALL MOUNTING

The Growhouse is complete with integrated hanging hardware for easy wall mounting, if desired.

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 or plants. With the daily lighting schedule 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.

GROWING TIPS

PREP FOR PLANTING

Place a layer of drainage medium on the bottom of the watertight planter (e.g. clay pebbles, volcanic rock, etc), then add soil or a soilless growing medium and plants, seeds or clippings. It is recommended that you plant your Growhouse prior to installing it on a wall.

LIGHT SETTINGS

Different plants require different intensities and durations of light to thrive. In the App, select Partial Shade and adjust brightness to medium intensity for shade and low light plants. Choose Partial Sun and adjust brightness to medium-max intensity for partial sun plants. Choose Full Sun at max intensity for full sun plants.

WATERING

Watering frequency depends on the plant type. Be sure to factor in the environmental conditions based on the location of the Growhouse (sunlight, heat, humidity).

AIR FLOW

Indoor 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.

LOCATION

Plants can thrive in any room with the Growhouse. Our suggestions? Pair it with humidity loving botanicals like ferns and orchids in your bathroom and use it as a nightlight. Place it in your kitchen and start an herb garden. Hang it as artwork in your living room and fill it with air-purifying plants like aloe or English ivy. Create a tranquil space in your bedroom with sweet smelling botanicals like lavender or chamomile.

OUR PLANT PICKS

Houseplants & Succulents (jade plant, aloe, philodendron, monstera, cacti); Kitchen Herbs (basil, parsley, oregano, mint, tarragon, rosemary); Flowers (marigolds, chamomile, lavender, pansys); Leafy Greens (arugula, butterhead, little gem, mesclun mixes).

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 power adapter.

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

Avoid use in high temperature areas.

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

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.

Many questions may be answered by visiting FAQ + Feedback in the Modern Sprout App or by visiting modsprout.com

Customer Service: service@modsprout.com

GROW & TELL:

@modsprout #modernsprout

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APP SETUP

This Growhouse is app-enabled, so you will need a smart phone and 2.4 GHz Wi-Fi network to operate it.

1.

Ensure that your smart phone is connected to your Wi-Fi network. Then, download the Modern Sprout App. Set up your account using an email and password. Follow the on-screen steps to complete login.

GET IT ON Google Play

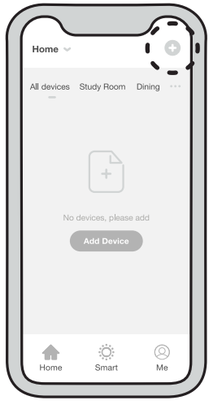
Download on the App Store

2.

Plug the Growhouse in and press and hold the power button on the Controller for 10 seconds until the Growhouse lights start to blink. When the lights begin to rapidly blink, the plug is in pairing mode and capable of syncing to the Wi-Fi.

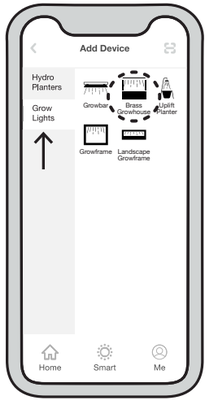
3.

It's time to pair your Growhouse with the Modern Sprout App. While the lights are blinking, tap the plus symbol in the top right corner of the App to take you to the Add Device page.



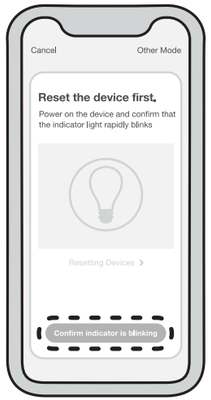
4.

Select the "Grow Lights" tab on the left-hand side. Now tap the Brass Growhouse icon.



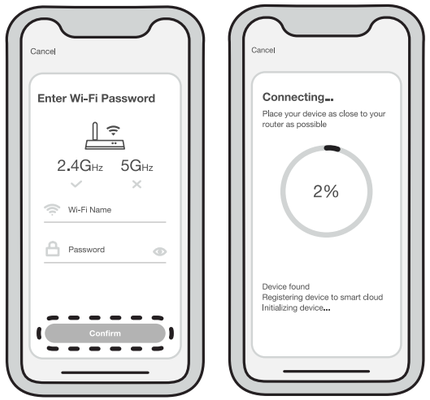
5.

Tap the "Confirm indicator is blinking" button.



6.

Enter your Wi-Fi name and password (both are case sensitive). Tap "Confirm" and wait for the progress indicator to complete the device connection.

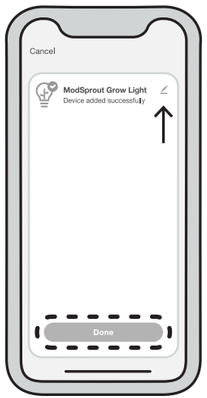


7.

Once you have successfully paired your Growhouse, tap the pencil icon to rename it (not required) and tap "Done". You are now ready to set your light schedule.

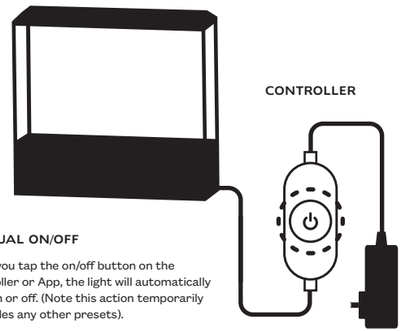
RESETTING DEVICE

- If the Growhouse does not connect, unplug for 1 minute and then plug it back in.
- Once the light is on, hold the power button on the Controller for 10 seconds to put the light into pairing mode.
- Once the light is rapidly flashing connect using steps 3-7.
- Need help? Check out Me > FAQ + Feedback in the Modern Sprout App for troubleshooting steps or to report an issue.
- Check out our Youtube channel for additional tutorials and suggestions: youtube.com/user/modsprout/videos



LIGHTING SCHEDULE

There are three ways you can use your grow light:
MANUAL ON/OFF; PRESET SETTINGS; CUSTOM SETTINGS



1.

MANUAL ON/OFF

When you tap the on/off button on the Controller or App, the light will automatically turn on or off. (Note this action temporarily overrides any other presets).

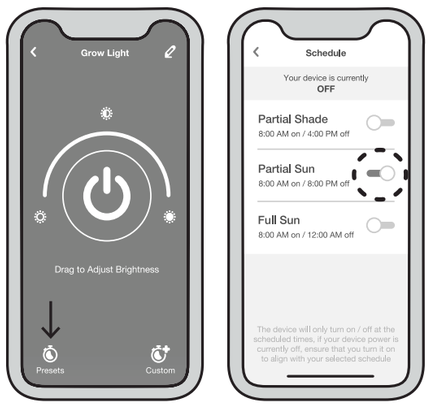
APP

2.

PRESET SETTINGS

Preset timer settings are based on different lighting needs.

Tap "Presets" in the lower left corner. Then select a setting. Only one setting can be selected at a time.



3.

CUSTOM SETTINGS

Create a fully configurable daily lighting schedule.

- Tap "Custom" in the lower right corner.
- Tap "Add Schedule".
- Select an on time.
- Select an off time.
- Select the days you want the light schedule to run. (7 days / week is recommended).
- Select Brightness.
- Tap "Save" in the upper right corner. Name your setting and tap "Save" again.

FOR MORE INFO ON PLANT PAIRINGS AND OPTIMAL LIGHT SETTINGS, VISIT: YOUTUBE.COM/USER/MODSPROUT/VIDEOS