

HamiltonBuhl®

GrowLight™ Kit

GLITE

The HamiltonBuhl® GrowLight Kit includes a 3-shelf, 42"H cart, 2' GrowLight™, chain and hardware.

The GrowLight Kit provides everything needed for children to plant and grow variety of herbs, fruits and vegetables right in the classroom. Utilizing the very latest LED light with wavelength tuner and hydroponic technology, children will learn about variables that control growth of plants including soil types, watering nutrients, CO² levels, function of roots, as well as see for themselves how different light wavelengths impact plant growth.

With the HamiltonBuhl® LED GrowLight™, photosynthesis will no longer be an abstract concept, but will be an observable event as children tune the GrowLight LED lights to the optimal spectrum for the plant they are growing. Our GrowLight tuner is designed to allow tuning to the optimal spectrum for the plant during the plants phases of growth from germination to flowering.

Unique Features

- Ability to select the wavelength of the light needed for the specific plants during the various growth phases.
- Once setup and turned on, the 3 knobs on the GrowLight are used to activate the light wavelength and adjust the intensity of the wavelength spectrum from 0-100% in the Blue, Full-Spectrum White, and Red colors.
- Allows experimentation at a level not comparable with standard "one spectrum" systems.
- Multiple class activities teaching STEM topics

Faster, Healthier Growth

The GrowLight™ uses solid-state LED lighting, providing fine-tuned, light optimized plant growth and yield! Our testing consistently delivered 50% faster growth versus standard greenhouse growing methods. While individual results may vary, if you follow the directions, you will see faster, healthier growth!

Specifications

- Input voltage: 100–240 volts
- Power: 90 watts
- Controller: RGB- R=Red, G=Green, B=Blue
- LED light sources: Single R/B board with phillips Red, Blue, Dial Samsung Boards - White 4000 K, 40 Watt each
- Dimensions: 24" L x 7.25" W x 8" H
- Weight: 9 lbs

Package Dimensions: 30" x 21" x 9"

Shipping Weight: 39 lbs.



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Faster, Healthier Growth

Up to 50% faster growth versus standard greenhouse methods!

HB Hamilton Buhl
Never-Ending Learning Innovation

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