Use a timer to make sure your plants are receiving the proper amount of light. Most plants require at least 12-14 hours of light per day. The Hydrofarm Timer works on all Hydrofarm grow lights.

Hydrofarm’s Plant Lighting

You can start your favorite seedlings for your outdoor garden or grow any plant indoors, with our full spectrum fluorescents or our Green Thumb Grow Light System. • The Agrosun Dayspot, with its designer clamp-on fixture, works anywhere your plants need a little extra light. • The Compact Fluorescent Grow Light provides an excellent starter light for gardening indoors. • Grow where you’re never grown before with our Agrosun 250, 400 or 1000 watt light systems. It’s like having a greenhouse in a box! Extend your gardening season to year ’round with one of these powerful systems.

For more Indoor Gardening information, visit us online at www.hydrofarm.com

A Complimentary Guide to LIGHT GARDENING

Keep your thumbs green year ’round with

Green Thumb Light System™

Insure seedling success with the Green Thumb Light System. The light can be easily adjusted to different heights and it comes complete with everything you need. The system includes 2 full-spectrum fluorescent grow tubes, fixture with pull cord, 5 ft. power cord, and easy-to-assemble stand. Whether you’re starting your favorite garden seeds or growing a kitchen herb garden, this is the system for you.

Full Spectrum Fluorescents

Full spectrum fluorescents are great for seedlings, cuttings and low light plants like African Violets. Our fluorescent tubes fit standard 24” or 48” fixtures to brighten any space and help chase away those winter blues. (Recommended for S.A.D., Seasonal Affective Disorder.)

Compact Fluorescent Grow Light™

Garden indoors year ’round with a Compact Fluorescent Grow Light. Grow flowers, herbs, and much more! Full spectrum light insures healthy growth and maximum flowering. The no-heat fluorescent bulb means more light energy right next to your plants. This versatile grow light can be used horizontal or vertical—inside or outside the plant canopy. Low profile fixture (5.6”x19.3”x12.8”) is very easy to hang. Available in 95 watt, 125 watt and 200 watt. System includes: fixture, full spectrum fluorescent bulb (plus lens option). We recommend replacing the bulb every 3 years.

Premium Fluorescent Tubes — Highest Output and Longest Life

New! Value Priced Fluorescent Tubes

Jump Start Your Seeds!

CHOOSE YOUR SYSTEM SIZE:

2’ Green Thumb • 22” tall / 27” wide

4’ Green Thumb • 30” tall / 52” wide

Ideal Mounting Height: 1 to 3 feet above Plants

Ideal Reflector Height: 2” to 6” above Seedlings

Ideal Reflector Height: 2” to 6” above Seedlings

For more Hydrofarm’s Plant Lighting information, visit us online at www.hydrofarm.com

Lighting Guide Master REV

10/6/04, 8:10 AM
Grow prize-winning plants year 'round with a Hydrofarm Daystar or Sunburst system. Wherever you want to grow, whatever time of year, you can turn any room of your home into a virtual greenhouse. Imagine harvesting fresh tomatoes, picking peppers or growing a rare orchid in your basement — these lights make it possible!

**AGROSUN® Dayspot™ Grow Light Kit**

The Agrosun Dayspot is a specially calibrated full spectrum daylight incandescent bulb. Ideal for that Ficus tree that’s been losing leaves . . . or terrariums . . . or clamp the fixture anywhere your plants need a little extra light. The Dayspot Grow Light Kit comes complete with bulb, designer black fixture with on/off switch, and clamp. Dayspot replacement bulbs (60 and 150 watt) may be purchased separately and used in any standard light fixture. Agrosun Dayspot bulbs should be replaced once a year (based on yearly use of 12 to 14 hours per day).

**AGROSUN® Grow Light Kit**

Discover the Difference a Bulb Makes!

Hydrofarm is proud to offer our exclusive line of AGROSUN bulbs. Unlike any grow lamp in the industry today, these bulbs are the most powerful of their kind, delivering a combination spectrum of blue light and red light. They are the ultimate for both vegetative growth and flowering.

**WE BUILD IN SAFETY**

In engineering Hydrofarm lights for home use, we have incorporated the safety features you would expect in any home appliance. We offer a complete line of grow light systems that are all UL listed. Our high intensity systems accept a UL-required Tempered Glass Lens to keep your system clean and efficient.

**Daystar™ System 400 and 1000 Watt**

Turn any room into a greenhouse! With separate ballast components, you’re only hanging the lightweight reflector.

**SYSTEM INCLUDES:**

- High intensity Agrosun bulb (400 or 1000 watt)
- Lightweight horizontal reflector (7.375” x 12.5” x 18.5”)
- Full specular aluminum reflector interior
- 15 ft. cable with in-line, detachable, patented Lock and Seal™ System
- Ballast endcaps (12” x “8” x 7”) with 8 ft. grounded power cord
- Hangers, hardware and lens (lens may be optional at some stores)
- Instructions and lighting recommendations

**Reflectors should hang at least 1 foot from ceiling and the ideal mounting heights below indicate how far above your plants to position the reflectors.**

**Daystar includes remote ballast**

**Sunburst™ System 250 Watt**

Great for garden carts and smaller growing areas.

**SYSTEM INCLUDES:**

- High intensity Agrosun 250 watt bulb
- Specular aluminum reflector interior
- Self-contained fixture and ballast (20” x 13.75” x 6.75”) with grounded power cord
- Hangers and lens (lens may be optional at some stores)
- Instructions and lighting recommendations

**How much will it cost to run your light indoors?**

To calculate the approximate cost to run your Daystar or Sunburst System, simply work through the following formula:

\[
\text{KwH (rate) x Kw x H x D = estimated electrical cost per month}
\]

1. Determine your Kilowatt/Hour rate (KwH) noted on your electric bill.
2. Multiply your KwH charge by your bulb’s wattage size expressed in Kilowatts (Kw) (1000w = 1 Kilowatt, 400w = 0.4 Kilowatt, and 250w = 0.25 Kilowatt).
3. Multiply the answer from above by the number of hours in use each day (H) and by the number of days in the month (D). Example: $0.12 (KwH) x 0.4 (Kw) x 18 (H) x 30 (D) = $25.92/month.

**How often should I replace my bulb?**

Halide bulbs should be replaced after approximately 1-1/2 years of continuous use (16-hour days). At this point, light output and electrical efficiency have decreased so that replacement is recommended.