



Find Your Inner Gardener

*Anyone can have a green thumb
with our*

LED KITCHEN GARDEN

*All Season Gardening
at your finger-tips*



what is a LED Kitchen Garden?

We have placed the superior technology of our LED SonnyLight™ into the setting of an indoor counter-top garden. We offer a stainless steel counter-top unit with a 10 x 20 grow tray. You add soil, seeds and water and let our light do the work.



what is a LED SonnyLight?

Our SonnyLight™ is an LED grow light that uses NASA inspired technologies to ensure optimal plant growth and revolutionizes the way we grow indoors. It has taken years to perfect the technology, but we can now offer you an LED grow light that allows for the optimal growth of your plants leaving only a minimal trace on the environment. This grow light is a reflection of our family's values. The environmental advantages of our LED grow light is that it uses a fraction of the energy of broad-spectrum grow lights and produces very little heat. This unit will barely impact your energy bills, while offering you the opportunity to also save money by growing your own vegetables, fruits, herbs, plants and flowers.

FAQ

Do I need to turn my light off at night and on again in the morning?

No, SonnyLight™ products have a Sunrise setting and a Sunset setting allowing for the optimum light exposure time. By design the light takes 15 minutes come on to full power and 15 minutes to turn off...we wanted to simulate how light works in nature.

What do I do if the power goes out?

The LED Kitchen Garden has a non-volatile memory, so when the power goes out and comes back on, the system continues your preset program.

Do I need to water my plants?

Yes. This is particularly critical using the LED grow lights... plants grow faster requiring slightly more attention.

What type of soil should I use to grow my plants?

Use a good starter soil if you are starting your plants from seed, otherwise a good potting soil works well and will allow you to transplant to your outdoor garden. SonnyLight™ also offers both types of soils custom blended for us here in Colorado.

How close does the light need to be to the plants?

With LED lights there is virtually no heat or potential for heat damage. The lights should be within 2" to 6" of the top of the plants, as the plants grow simply raise the hood. If you are starting from seed place the hood assembly within one inch of the soil surface.

Do I have to keep it on my kitchen counter?

Definitely not, how about the family room, your office or even a closet if it has an electrical outlet, as SonnyLight™ provides the best light needed by your plants.

What is the difference between hydroponic growing and the SonnyLight™ system?

Hydroponic systems provide highly enriched and specialized chemical nutrients that feed the root system directly, plants can grow very fast with these systems. However, it is extremely difficult to transplant bare root plants into a soil base garden. The SonnyLight™ product philosophy is to provide the optimum light source in a soil base environment. This system means your success to transplant starts to your outdoor garden is very high.

How much electrical power is required to operate the SonnyLight™?

LEDs by their very nature are extremely efficient, the SonnyLight™ LED Kitchen Garden consumes only 15 watts when the LEDs are on and less than 1 watt when the LEDs are off. While a single compact fluorescent will consume 18 to 30 watts depending upon the type.

Why does SonnyLight™ use the colored lights?

Plants do not efficiently use the broad spectrum white light to produce chlorophyll which is essential to growth. The optimum color for plant chlorophyll production is in the red and blue spectrum. SonnyLight™ utilizes the peak light wavelengths of purple, blue, red/orange and red for best results.



Preprogrammed LED light
"Grow Logic™" software

Hood height adjusts
as your plants grow
up to 28" high

Unit Dimensions
14" Deep x 23" Wide

Simulated Sunrise/Sunset
cycle to prevent plant shock

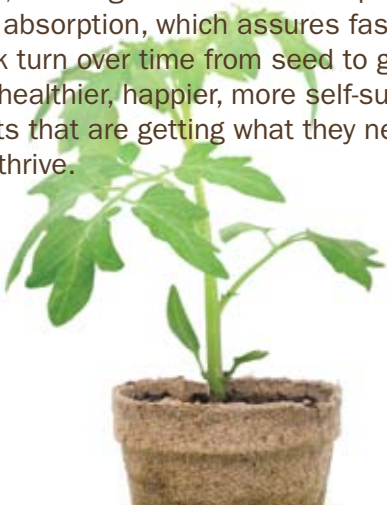
Selectable light
wavelengths with
144 LED's matched
to the plant type
using only 15 watts

Start as many as 72 plants at one time
using standard 10" x 20" nursery trays

how does an LED SonnyLight™ ensure optimal plant growth?

Plants need light to grow. However, they do not absorb all of the wavelengths of the light spectrum in equal quantities. When you shine a broad-spectrum white light on a plant, much of the light is wasted, and the heat produced can damage the leaves.

We have created our ‘Grow Logic™’ technology so that it only utilizes very specific light wavelengths, which allow for optimum and efficient plant growth. Plants make much of the food that they need through the photosynthesis process. Chlorophyll is one of the photosynthetic pigments that absorbs the light the plant needs. However, chlorophyll absorbs certain wavelengths better than others, which means that it absorbs different amounts of light from different wavelengths. Therefore, if it is only given the particular wavelengths that allow for the maximum light absorption, the plant will be able to absorb the most light in the shortest amount of time with the least amount of energy. Our “Grow Logic™,” technology harnesses those wavelengths and produces them for the plant, allowing for the maximum possible light absorption, which assures faster growth, quick turn over time from seed to germination and healthier, happier, more self-sufficient plants that are getting what they need to grow and thrive.



how we can help you grow.

1. There are no seasonal or weather restrictions when you grow inside. No matter where you live, your plants won't know the difference, while they're basking in the rays of our SonnyLight™.
2. We have simulated a Sunrise to Sunset light cycle in order to make the plants feel just like they would outside, but without the nibble marks from local deer.
3. You really only have to think about watering. Of course, you'll have to do it, in addition to thinking about it, but really, just watering, and we walk you through it in our manual.
4. Our LED light allows for much faster growth than broad-spectrum white light sources. Even the sun would be impressed.
5. As a result of the “Grow Logic™” technology inspired by NASA, the maximum amount of chlorophyll A and B are generated as a result of optimized light wavelengths. TRANSLATION: Our light is a know-it-all, so you don't have to be.
6. We use soil to grow, not hydroponics. We want the freedom to grow as well as the freedom to GO. We start inside, but we don't have to stay there. Start your plants in your house with the SonnyLight™ and then transplant them outside to your garden.
7. Having your plants growing in your kitchen means you have your herbs and veggies right there while you cook. BUT REMEMBER: Our garden can be moved to any room in the house, regardless of how much light is available because our LED SonnyLight™ is all the light your plants will ever need. We just like ours in the kitchen.
8. Light Therapy. If you have other plants that are feeling a little blue or dreary, you can put them under the SonnyLight™ and watch them perk up from getting the right kind of light in their systems.
9. Nearly 100% of energy and light is utilized for plant growth. No wasted heat or light. Save money from all the energy you won't be using.
10. Large easy to read LCD display with water resistant buttons. Easy to use, easy to clean.



Light Smart. Grow Smart.

Plant Grow Models	2 models, counter-top and hanging LED light hood
Power Supply Voltage	110V or 240V a/c 50~60 Hertz
Voltage at Hood	12V D/C
Power Consumption	15 watts
Other Power Source	12 volt DC car battery
Number of LEDs	144 8mm LEDs
LED Colors	5 colors - Purple, Blue, Green, Orange/Red, Red and White
Light Source	144 8mm LEDs w/optimized light wavelengths for rapid plant growth
Software Controlled	Yes, selectable Time of Day, Sunrise-Sunset, 5 plant types
Light Source Life	Approximately 75,000 hours or 15 years
% Light Source Utilized	Greater than 95%
Cost to Operate	Approximately \$10.40 annually
Maintenance Required	None...just water your plants, dust off the assembly
Shipping Packaging	Cardboard package and recycled pulp for layered gardening
Number of Plants	1 to 72 plants at anytime dependent on tray type
Transplantable Plants	Plants can be transplanted
Seed Offered	Heirloom & Organic only
Is It Organic	Customer's choice to utilize organic soil, fertilizer & seeds
Toxic Materials	None
Recyclable	All elements can be recycled



Sonnylight

For more information about the
LED KITCHEN GARDEN
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SonnyLightLED.com



Printed on recycled paper.