

## ASPECT QUICK START GUIDE

IMPORTANT SAFETY INSTRUCTIONS READ AND FOLLOW ALL INSTRUCTIONS

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## IMPORTANT SAFETY INSTRUCTIONS



1. Read all safety and operating instructions before using this product.
2. Not for use with dimmers.
3. For indoor use only.
4. This product should not be used near water, ie., bathtub, sink, toilet, etc.
5. Care should be taken so that liquids are not spilled onto the unit.
6. Use this product only as described in this manual. Any other use is not recommended by the manufacturer and may cause fire, electrical shock or injury, and may void the warranty.
7. Avoid eye contact directly with the LED light.
8. Do not operate if the cords, plug, or any part of the light is damaged.
9. Always unplug unit before cleaning or moving to reduce risk of electrical shock.
10. To disconnect the product from the outlet, grip the head of the plug and pull it from the wall outlet. Never pull the plug by the cord.
11. The use of attachments not recommended or sold by the manufacturer may cause injury.
12. Make sure hooks, shelves, brackets, etc., are always installed in a wood support, such as trim, plywood, or studs in the wall. If installing in drywall, it is critical to use the appropriate drywall anchors.
13. Do not operate the product in the presence of explosive and/or flammable fumes.
14. If the plug loosely fits in the outlet, discontinue use with that outlet. A loose-fitting plug may cause the plug or outlet to overheat. Have a qualified electrician replace the outlet.
15. Only use a dry or lightly damp cloth to clean the Aspect, do not use a wet cloth or spray anything into or on the unit.
16. If you have pets, make sure the wires are out of reach and you check that your plants are animal friendly.

## SAFETY INSTRUCTIONS FOR PETS

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When your animals are your family, keeping them safe is a top priority. All wiring should be kept out of reach of animals. We recommend a protective tubing or other means of blocking access.

It may not have crossed your mind, but many common houseplants can be toxic. We highly recommend consulting with professionals before buying new plants. Provided below is a short list of common plants that may be toxic to animals and range from rash, oxalates, minor toxicity and major toxicity. The plants highlighted in bold are considered extremely toxic and may cause coma, seizures or death.

| Aloe Vera | Dahlia | Morning Glory |
| :--- | :--- | :--- |
| Amaryllis | Daisy | Mother in Law |
| American Holly | Deadly Nightshade | Mum |
| Apple | English Ivy | Oleander |
| Apricot | Eucalyputs | Orange |
| Azalea | Fig | Oregano |
| Baby's Breath | Garlic | Palm Lily |
| Begonia | Geranium | Parsley |
| Bird of Paradise | Glacier Ivy | Peace Lily |
| Bitter root | Gladiola | Peach |
| Boxwood | Grapefruit | Plum |
| Branching Ivy | Hibiscus | Poinsettia |
| Calamondin Orange | Hops | Pothos |
| California Ivy | Hosta | Rhodedendron |
| Carnations | Hydrangea | Sago Palm |
| Castor Bean | Jade | St. John's Wort |
| Cherry | Leek | Sweet Potato Vine |
| Chinese Jade | Lemon | Sweetheart Ivy |
| Chives | Lemon Grass | Tomato Plants |
| Chrysanthemum | Lilies | Tulip |
| Coffee Tree | Lime | Wandering Jew |
| Cyclamen | Marijuana | Yew |
| Daffodil | Milkweed | Yucca |

Please note that the information contained in our plants list is not meant to be all-inclusive, but rather a compilation of the most frequently encountered plants. If you think that your animal may have ingested a poisonous plant, contact your local veterinarian or the ASPCA 24-hour emergency poison hotline directly at 1-888-426-4435. Soltech Solutions, LLC and authorized distributors are not responsible for illness or death of persons or animals.

## ABOUT THE COMPANY

Soltech Solutions was formed in 2015 out of a passion for helping people live a happier and healthier life. We achieved this by creating the first of its kind luxury LED décor grow light. As we grow, we are continuously making improvements to our unique light spectrum through our own research and through strategic partnerships with biologist, certified horticulturist (ASHS) and interior designers from all walks of life.

Your Aspect grow light was designed and built in Bethlehem, Pennsylvania to ensure the highest quality product while helping bolster the local economy. Additionally, a portion of every sale goes to supporting local nonprofit and is reinvested back into our community!

If you have any issues, comments or questions, feel free to contact us using any method below:

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## ABOUT THE ASPECT

Understanding how plants respond to light is critical when picking the appropriate grow light. While humans think of light in terms of brightness, plants qualify light by the required specific wavelengths in the spectrum. As the world's first luxury plant light, the Aspect has struck a balance between a high precision photosynthetic spectrum and supreme lighting quality that is traditionally reserved only for museums.

There are a few features that make our products stand out from all the rest. Our warm white spectrum stands out among our competitors' because we know interior design is important to you! The Aspect is the ideal light for both supporting your plants and displaying them beautifully indoors. With a color temperature of 3000 K and a color rendering index (CRI) value of 97, the Aspect grow light promises a professional level of color accuracy. Now you can bring the natural beauty of plants to any room without sacrificing your home décor! Visit our website to learn more about our spectrum and the science behind the Aspect (soltechsolutionsllc.com/grow-light-science/).

Plants should not be an overlooked element in creating a warm and inviting room; a perfectly placed plant can bring the entire room to life! For beginner gardeners, or even those with a year or two under their belts, the world of garden tools, materials, and supplies can be overwhelming. We provided this guide to help you decide what essentials you need to get started.

## Lighting:

Lighting is the most important first step for your plants! This manual will help you determine the appropriate hang height, light cycles and more. You can tell if your plant is not receiving enough light if it stops growing, the spaces between the leaves on new growth are much longer than before, the new leaves are smaller, the leaf color is lighter, or older leaves are dead.

It is important that light covers the entire plant, including the sides of the plant. Larger plants may require two or more Aspects to provide adequate light intensity. If you have questions, you can contact Soltech Solutions and we would be glad to assist you.

## Temperature:

Temperature is a major factor influencing plant growth indoors. Before picking out your plants, consider the optimal temperature the plant needs. While many plants grow at temperatures around $60^{\circ} \mathrm{F}-85^{\circ} \mathrm{F}\left(15^{\circ} \mathrm{C}-29^{\circ} \mathrm{C}\right)$, some tropical plants grow best at temperatures exceeding $85^{\circ} \mathrm{F}$. Be careful not to place plants near AC vents or heaters, the change in temperature may kill them.

## Humidity:

Some indoor plants need high humidity and excellent air circulation for optimal growth. Humidity below $20 \%$ is considered low, up to $50 \%$ is medium, and above $50 \%$ is high. Many plants come from tropical regions and require high humidity. Since most homes have low humidity levels, you can do a few things to increase humidity.

- Place plants close together. Plants naturally humidify the air around them.
- Set your plants on a tray of pebbles filled with water.
- Use a humidifier if your air is very dry.

Take caution when misting plants, especially if your plant has hairy leaves. Your plant may be more susceptible to disease and mildew. You may want to consider adding a fan to increase air circulation.

## Pots \& Containers:

To start your garden, you need the right type of container for your plant. The container should have drainage holes; water should be able to drain out. Plants cannot sit in waterlogged soil or they will die.

## Watering:

Often overlooked, watering your plants properly is important. When dealing with how much water to apply, consider the plant type, plant size, container size, soil moisture and light intensity. For most plants, when deciding when you should water, feel the soil by pushing your finger about $1-2$ inches below the dirt's surface. If the soil is still moist, do not water the plant. Overwatering can lead to root rot, mildew, and disease. Water meters are available at most greenhouses to simplify watering.

## Soil:

Do not use top soil or soil from your garden! We recommend that you find a high quality, pre-mixed soil at your local garden stores that was designed for indoor plants. Top soil and garden soil have very poor drainage abilities and you may introduce unwanted pests in your home. If you find your soil does not drain well, you can add perlite, coarse sand, or peat moss to increase drainage. Different plants grow better in different soil, make sure you know which soil you plant needs before planting.

## Buying New Plants:

Buying new plants is always fun, but make sure to look for healthy looking plants with medium to dark green foliage. Avoid plants with unnatural yellow or brown leaves. Look for pest, especially small white mites on the undersides of the leaves. Remove the plant from the pot and examine the root system. Healthy roots generally are visible along the outside of the soil and have an earthy smell. Brown or black roots, especially if they have a foul smell, are signs of a problem.

## Acclimatization:

Acclimatization is the adaptation of a plant to a new environment. Changing the environment the plant is accustomed to will stress the plant and may cause damage, prevent growth, or even kill the plant. The greater the difference between the previous environment and the new environment, the greater the stress the plant endures.

## Pruning:

Pruning your plant is a great way to encourage dense growth while maintaining an optimal size and shape. Plants concentrate growing on the
top and outer parts; pruning these growth areas regularly will encourage growth closer to the inner parts of the plant. Although not all houseplants need pruning, most will benefit from some attention, even if it's simply removing dead leaves or diseased or damaged stems.

## Pest Management:

Like all plants, indoor plants will occasionally come under attack from pests. If you notice a plant dropping leaves or otherwise looking ill, take a close look. Chances are, it is infected with unwanted pests. If not quickly treated, infestations can be very severe, spread quickly and kill your plants.

Some of the most commonly encountered arthropod pests found on plants are those that feed on plant juices. These pests include aphids, scales, mites, leafhoppers and plant bugs. Some of these pests can even act as vectors of plant diseases.

To remove the infestation, we recommend diluted organic Neem Oil or Mighty Wash. Both can be bought in stores or online. You should first test these in a small area before using them on the plant. Some plants are sensitive to the sprays and you could kill them. You can also treat the plants by wiping leaves and stems with insecticidal soap. Heavy infestations may be too difficult to treat, consider discarding these plants.

## Fungus Gnats:

These gnats are a common pest of plants grown indoors, especially where humidity and moisture are high. You normally notice one or two gnats flying around your plants or near windows and you think nothing about it. Before you know it, they lay eggs in the wet soil and multiply.

To rid your plant and home of fungus gnats, you need to let your plant soil dry out between watering. Fungus gnats do well in damp soil, allowing your soil to dry out an inch or two down will kill larvae and inhibit egg development. We found that yellow sticky paper is the best method of killing flying adults. For plants that can tolerate neem oil, we recommend adding a small amount of Neem oil when you water your plants. Neem Oil will help kill eggs and larvae deep down in the soil. It may take over a month to fully rid our home of Fungus Gnats.

## INSTALLATION INSTRUCTIONS

1. Determine where and how you want the Aspect to be installed. Different methods of installation require different materials. We have additional installation materials available on our website.
2. For the most common installation, use the included white hooks. We recommend pre-drilling a small hole to help speed up the install. When hanging, use the larger ceiling hook directly above the Aspect unit and the smaller close to a wall for support.

CAUTION: Never attempt to use 3M hooks or Command hooks on the ceiling.


CAUTION: Do not install in a radiant heated ceiling or wall.
2a. (Optional) To install the Aspect through drop ceiling tiles, walls or other permanent structures, contact a qualified electrician. By opening the power supply box or cutting the wire, you are voiding the warranty of the Aspect. Follow all local laws and codes, including the National Electrical Code and National Fire Codes.
3. Using the Hanging Height section of this manual, determine the distance the Aspect should be hung above the canopy of your plant.
4. Program the included 24 -hour outlet timer to give your plants a constant light cycle. Do not exceed 18 hours of light for any plant! See the Light Cycles portion of this manual for recommendations.
5. Plug the light in! Make sure the plug is not loose fitting in the outlet. If the outlet is loose, have a qualified electrician replace your outlet. If you have pets in the home, make sure you read the section on the Safety Instructions for Pets.


## LIGHT CYCLES

Light cycles are used to simulate the conditions of day and night for indoor plants. We highly recommend the use of an electrical 24-hour timer (included) to create a repeatable light cycle.

Most plants grow in two stages, the vegetative stage and flowering stage. During the vegetative growth stage, the plant is focused on growing in preparation for flowering. Some plants can be left in the vegetative stage indefinitely with no adverse effects. The flower stage is initiated when the light cycle changes into the critical light period, explained below. This change will cause your plant to focus completely on making flowers and seeds for reproduction.

There are three types of plant responses; short-day, long-day, and dayneutral. The first two types have a critical light and dark period associated with them and can vary from plant to plant. This critical period will determine when the plant switches from the vegetative stage to the flowering stage. Day-neutral plants are generally unaffected by light cycles and flower when the plant is mature. If you find that it is difficult to flower a short-day plant due to a light flash at night, we recommend flowering in a closet or grow tent.


Some plants require a dormant "winter" phase after the flower state where the length of the day is short. With some houseplants, it may help to move them to a darker and cooler area of the home to allow them to go dormant. Once a plant is dormant, foliage growth may be limited and even drop off, but the roots will continue to grow. It can take several weeks for plants to come out of dormancy.

The use of an outlet timer is essential for maintaining proper growth of long and short-day plants. Below are instructions for setting common mechanical outlet timers. If the timer looks different, you should follow the instructions provided by the timer manufacture.

## Setting the timer:

1. Locate the pins around the outer edge of the timer's dial. These pins represent 30 minutes and can be pushed up or down.
2. Select a time period you want the Aspect to operate by pushing the pins down. We recommended having the light on during the times you are awake. This will help prevent night interruption.
3. Rotate the timer's dial clockwise until the pointer on the face of the dial points to the current time of day.
4. Set the master switch on the timer to "timer on" position.
5. Plug the Aspect into the outlet on the side of the timer. Plug the timer into the wall outlet. To override the timer and turn on the Aspect, set the master switch to "outlet on" position.


Timer is set for 9:30PM Timer will turn on at 10PM and off at 2AM


This switch controlls the timer. When switched to outlet on, it will bypass the timer and keep the Aspect on.

## HANGING HEIGHTS

Finding the right distance between the Aspect grow light and your plant can be a challenge. The hanging height may vary if your plant receives significant natural light or no light at all. Below are the hanging heights and corresponding coverage area for both the small and large Aspect grow light. The following pages list out the most popular plants with recommended starting hang heights. Make sure to pay attention to your plants. Adjust the hanging height if you notice your plant stretching or the leaves burning.


| Common Name | Lighting Requirements | Small <br> Aspect | Large <br> Aspect |
| :---: | :---: | :---: | :---: |
| African Violets | Moderate to Low Light | $24^{\prime \prime}-48^{\prime \prime}$ | 48" - 60" |
| Aglaonemas | Moderate to Low Light | $24^{\prime \prime}-48^{\prime \prime}$ | $48^{\prime \prime}-60^{\prime \prime}$ |
| Aloe | High Light | $12^{\prime \prime}-24^{\prime \prime}$ | $24^{\prime \prime}-36^{\prime \prime}$ |
| Aluminum Plant | Moderate to Low Light | $24^{\prime \prime}-48^{\prime \prime}$ | 48" - 60" |
| Amaryllis | High Light | 12" - $24^{\prime \prime}$ | $24^{\prime \prime}-36^{\prime \prime}$ |
| Anthurium | Moderate Light | $24^{\prime \prime}-36^{\prime \prime}$ | $36^{\prime \prime}-48^{\prime \prime}$ |
| Aralia, Balfour | High Light | $12^{\prime \prime}-24^{\prime \prime}$ | $24^{\prime \prime}-36^{\prime \prime}$ |
| Aralia, False | High to Moderate Light | $12^{\prime \prime}-36^{\prime \prime}$ | $24^{\prime \prime}-48^{\prime \prime}$ |
| Aralia, Ming | High to Moderate Light | $12^{\prime \prime}-36^{\prime \prime}$ | $24^{\prime \prime}-48^{\prime \prime}$ |
| Arrowhead Vine | Moderate Light | $24^{\prime \prime}-36^{\prime \prime}$ | $36^{\prime \prime}-48^{\prime \prime}$ |
| Azalea | High Light | $12^{\prime \prime}-24^{\prime \prime}$ | $24^{\prime \prime}-36^{\prime \prime}$ |
| Begonia, Angel Wing | Moderate Light | $24^{\prime \prime}-36^{\prime \prime}$ | $36^{\prime \prime}-48^{\prime \prime}$ |
| Begonia, Iron Cross | Moderate Light | $24^{\prime \prime}$ - $36^{\prime \prime}$ | 36" - 48" |
| Begonia, Strawberry | Moderate Light | $24^{\prime \prime}-36^{\prime \prime}$ | $36^{\prime \prime}-48^{\prime \prime}$ |
| Bird-of-Paradise | High to Moderate Light | $12^{\prime \prime}-36^{\prime \prime}$ | $24^{\prime \prime}-48^{\prime \prime}$ |
| Bomeliad, Earth Star | Moderate Light | 24" - $36^{\prime \prime}$ | $36^{\prime \prime}-48^{\prime \prime}$ |
| Bougainvilla | High Light | $12^{\prime \prime}-24^{\prime \prime}$ | $24^{\prime \prime}-36^{\prime \prime}$ |
| Brake, Victoria | High Light | $12^{\prime \prime}-24^{\prime \prime}$ | $24^{\prime \prime}-36^{\prime \prime}$ |
| Bromeliad, Air Plant | High Light | $12^{\prime \prime}-24^{\prime \prime}$ | $24^{\prime \prime}-36^{\prime \prime}$ |
| Bromeliad, Bird Nest | Moderate to Low Light | 24" - 48" | 48" - 60" |
| Bromeliad, Blushing | Moderate Light | $24^{\prime \prime}-36^{\prime \prime}$ | $36^{\prime \prime}-48^{\prime \prime}$ |
| Bromeliad, Dyckia | High Light | 12" - 24" | 24" - $36^{\prime \prime}$ |
| Bromeliad, Flaming Sword | Moderate to Low Light | $24^{\prime \prime}-48^{\prime \prime}$ | $48^{\prime \prime}-60^{\prime \prime}$ |
| Bromeliad, Friendship | Moderate Light | $24^{\prime \prime}-36^{\prime \prime}$ | $36^{\prime \prime}-48^{\prime \prime}$ |
| Bromeliad, Pineapple | High Light | 12"-24" | $24^{\prime \prime}-36^{\prime \prime}$ |
| Bromeliad, Star | Moderate to Low Light | $24^{\prime \prime}-48^{\prime \prime}$ | $48^{\prime \prime}-60^{\prime \prime}$ |


| Common Name | Lighting Requirements | Small <br> Aspect | Large <br> Aspect |
| :---: | :---: | :---: | :---: |
| Bromeliad, Urn/Living Vase | Moderate Light | $24^{\prime \prime}-36^{\prime \prime}$ | $36^{\prime \prime}-48^{\prime \prime}$ |
| Burro's (Donkey's) Tail | High Light | $12^{\prime \prime}-24^{\prime \prime}$ | $24^{\prime \prime}-36^{\prime \prime}$ |
| Cactus, Christmas | Moderate Light | $24^{\prime \prime}-36^{\prime \prime}$ | $36^{\prime \prime}-48^{\prime \prime}$ |
| Cactus, Easter | Moderate Light | $24^{\prime \prime}-36^{\prime \prime}$ | $36^{\prime \prime}-48^{\prime \prime}$ |
| Cactus, Old Man | High Light | $12^{\prime \prime}-24^{\prime \prime}$ | $24^{\prime \prime}-36^{\prime \prime}$ |
| Cactus, Prickly Pear | High Light | 12" - 24" | $24^{\prime \prime}-36^{\prime \prime}$ |
| Cactus, Thanksgiving | Moderate Light | $24^{\prime \prime}-36^{\prime \prime}$ | 36" - 48" |
| Calathea | Moderate Light | $24^{\prime \prime}-36^{\prime \prime}$ | $36^{\prime \prime}-48^{\prime \prime}$ |
| Cast Iron Plant | Moderate to Low Light | $24^{\prime \prime}-48^{\prime \prime}$ | $48^{\prime \prime}-60^{\prime \prime}$ |
| Century Plant | High Light | $12^{\prime \prime}-24^{\prime \prime}$ | $24^{\prime \prime}-36^{\prime \prime}$ |
| Chenille Plant | High Light | $12^{\prime \prime}-24^{\prime \prime}$ | $24^{\prime \prime}-36^{\prime \prime}$ |
| Chinese Evergreens | Moderate to Low Light | $24^{\prime \prime}-48^{\prime \prime}$ | $48^{\prime \prime}-60^{\prime \prime}$ |
| Citrus | High Light | 12" - 24 " | $24^{\prime \prime}-36^{\prime \prime}$ |
| Coffee Plant | High to Moderate Light | $12^{\prime \prime}-36^{\prime \prime}$ | $24^{\prime \prime}-48^{\prime \prime}$ |
| Coralberry | Moderate Light | $24^{\prime \prime}-36^{\prime \prime}$ | $36^{\prime \prime}-48^{\prime \prime}$ |
| Croton | High Light | $12^{\prime \prime}-24^{\prime \prime}$ | $24^{\prime \prime}-36^{\prime \prime}$ |
| Crown of Thorns | High to Moderate Light | $12^{\prime \prime}-36^{\prime \prime}$ | $24^{\prime \prime}-48^{\prime \prime}$ |
| Cyclamen | High to Moderate Light | $12^{\prime \prime}-36^{\prime \prime}$ | $24^{\prime \prime}-48^{\prime \prime}$ |
| Dracaena, Corn Plant | Moderate to Low Light | $24^{\prime \prime}-48^{\prime \prime}$ | $48^{\prime \prime}-60^{\prime \prime}$ |
| Dracaena, Dragon Tree | High to Moderate Light | $12^{\prime \prime}-36^{\prime \prime}$ | $24^{\prime \prime}-48^{\prime \prime}$ |
| Dracaena, Gold Dust Plant | High to Moderate Light | $12^{\prime \prime}-36^{\prime \prime}$ | $24^{\prime \prime}-48^{\prime \prime}$ |
| Dracaena, 'Janet Craig' | Moderate to Low Light | $24^{\prime \prime}-48^{\prime \prime}$ | $48^{\prime \prime}-60^{\prime \prime}$ |
| Dracaena, Red <br> Margined | Moderate Light | $24^{\prime \prime}-36^{\prime \prime}$ | $36^{\prime \prime}-48^{\prime \prime}$ |
| Dracaena, Song of India | Moderate Light | $24^{\prime \prime}-36^{\prime \prime}$ | $36^{\prime \prime}-48^{\prime \prime}$ |
| Dracaena, 'Tri-color' | Moderate Light | $24^{\prime \prime}-36^{\prime \prime}$ | $36^{\prime \prime}-48^{\prime \prime}$ |


| Common Name | Lighting Requirements | Small <br> Aspect | Large <br> Aspect |
| :---: | :---: | :---: | :---: |
| Dumbcane | Moderate Light | $24^{\prime \prime}-36^{\prime \prime}$ | $36^{\prime \prime}-48^{\prime \prime}$ |
| Elephant's Ear | Moderate Light | $24^{\prime \prime}-36^{\prime \prime}$ | $36^{\prime \prime}-48^{\prime \prime}$ |
| Fern, Asparagus | Moderate Light | $24^{\prime \prime}-36^{\prime \prime}$ | $36^{\prime \prime}-48^{\prime \prime}$ |
| Fern, Bird's Nest | Moderate to Low Light | $24^{\prime \prime}-48^{\prime \prime}$ | $48^{\prime \prime}-60^{\prime \prime}$ |
| Fern, Button | High to Moderate Light | $12^{\prime \prime}-36^{\prime \prime}$ | $24^{\prime \prime}-48^{\prime \prime}$ |
| Fern, Rabbit's Foot | High to Moderate Light | 12" - 36 " | $24^{\prime \prime}-48^{\prime \prime}$ |
| Fern, Staghorn | Moderate Light | $24^{\prime \prime}-36^{\prime \prime}$ | $36^{\prime \prime}-48^{\prime \prime}$ |
| Ferns (Sword, Dallas, Boston) | High to Moderate Light | 12" - 36 " | $24^{\prime \prime}-48^{\prime \prime}$ |
| Ferns, Maidenhair | Moderate Light | $24^{\prime \prime}-36^{\prime \prime}$ | $36^{\prime \prime}-48^{\prime \prime}$ |
| Fig, Creeping | Moderate Light | $24^{\prime \prime}-36^{\prime \prime}$ | $36^{\prime \prime}-48^{\prime \prime}$ |
| Fig, Fiddleleaf | Moderate Light | $24^{\prime \prime}-36^{\prime \prime}$ | $36^{\prime \prime}-48^{\prime \prime}$ |
| Fig, Weeping | Moderate Light | $24^{\prime \prime}-36^{\prime \prime}$ | $36^{\prime \prime}-48^{\prime \prime}$ |
| Fuchsia | Moderate Light | $24^{\prime \prime}-36^{\prime \prime}$ | $36^{\prime \prime}-48^{\prime \prime}$ |
| Gardenia | High to Moderate Light | 12" - 36" | $24^{\prime \prime}-48^{\prime \prime}$ |
| Gloxinia | High Light | 12" - 24" | $24^{\prime \prime}-36^{\prime \prime}$ |
| Goldfish Plant | High Light | 12" - 24" | $24^{\prime \prime}-36^{\prime \prime}$ |
| Hawaiian Ti Plant | Moderate Light | $24^{\prime \prime}$ - $36^{\prime \prime}$ | 36" - 48" |
| Haworthia | Moderate Light | $24^{\prime \prime}-36^{\prime \prime}$ | $36^{\prime \prime}-48^{\prime \prime}$ |
| Hibiscus | High to Moderate Light | $12^{\prime \prime}-36^{\prime \prime}$ | $24^{\prime \prime}-48^{\prime \prime}$ |
| Hoya / Wax Plant | High Light | $12^{\prime \prime}-24^{\prime \prime}$ | $24^{\prime \prime}-36^{\prime \prime}$ |
| Indian Rubber Plant | High Light | $12^{\prime \prime}-24^{\prime \prime}$ | $24^{\prime \prime}-36^{\prime \prime}$ |
| Ivy, Algerian | High to Moderate Light | $12^{\prime \prime}-36^{\prime \prime}$ | $24^{\prime \prime}-48^{\prime \prime}$ |
| Ivy, Aralia (Fatshedra) | High to Moderate Light | $12^{\prime \prime}-36^{\prime \prime}$ | 24" - 48" |
| Ivy, English | High to Moderate Light | $12^{\prime \prime}-36^{\prime \prime}$ | $24^{\prime \prime}-48^{\prime \prime}$ |
| Ivy, Grape | Moderate Light | $24^{\prime \prime}-36^{\prime \prime}$ | $36^{\prime \prime}-48^{\prime \prime}$ |
| Ivy, Parlor | Moderate Light | $24^{\prime \prime}-36^{\prime \prime}$ | $36^{\prime \prime}-48^{\prime \prime}$ |


| Common Name | Lighting Requirements | Small <br> Aspect | Large <br> Aspect |
| :---: | :---: | :---: | :---: |
| Ivy, Swedish | Moderate Light | $24^{\prime \prime}$ - $36^{\prime \prime}$ | 36" - 48' |
| Ivy, Variegated Mintleaf | Moderate Light | $24^{\prime \prime}-36^{\prime \prime}$ | $36^{\prime \prime}-48^{\prime \prime}$ |
| Ivy, Wax | Moderate Light | $24^{\prime \prime}-36^{\prime \prime}$ | 36" $-48^{\prime \prime}$ |
| Jade Plant | High to Moderate Light | $12^{\prime \prime}-36^{\prime \prime}$ | $24^{\prime \prime}-48^{\prime \prime}$ |
| Kalanchoe | High Light | $12^{\prime \prime}-24^{\prime \prime}$ | $24^{\prime \prime}-36^{\prime \prime}$ |
| Lantana | High Light | $12^{\prime \prime}-24^{\prime \prime}$ | $24^{\prime \prime}-36^{\prime \prime}$ |
| Lipstick Plant | High Light | 12" - 24 " | $24^{\prime \prime}-36^{\prime \prime}$ |
| Natal Plum | High Light | $12^{\prime \prime}-24^{\prime \prime}$ | $24^{\prime \prime}-36^{\prime \prime}$ |
| Nerve Plant | Moderate to Low Light | $24^{\prime \prime}-48^{\prime \prime}$ | $48^{\prime \prime}-60^{\prime \prime}$ |
| Norfolk Island Pine | Moderate Light | $24^{\prime \prime}-36^{\prime \prime}$ | $36^{\prime \prime}-48^{\prime \prime}$ |
| Orchid, Buttonhole | High Light | $12^{\prime \prime}-24$ " | $24^{\prime \prime}-36{ }^{\prime \prime}$ |
| Orchid, Cattleya | High Light | $12^{\prime \prime}-24^{\prime \prime}$ | $24^{\prime \prime}-36^{\prime \prime}$ |
| Orchid, Dendrobium | High to Moderate Light | $12^{\prime \prime}-36^{\prime \prime}$ | $24^{\prime \prime}-48^{\prime \prime}$ |
| Orchid, Lady's Slipper | Moderate Light | $24^{\prime \prime}-36^{\prime \prime}$ | $36^{\prime \prime}-48^{\prime \prime}$ |
| Orchid, Moon/Vanda | Moderate Light | $24^{\prime \prime}-36^{\prime \prime}$ | $36^{\prime \prime}-48^{\prime \prime}$ |
| Orchid, Oncidium | Moderate Light | $24^{\prime \prime}-36^{\prime \prime}$ | $36^{\prime \prime}-48^{\prime \prime}$ |
| Orchid, Phalanopsis | High to Moderate Light | $12^{\prime \prime}-36^{\prime \prime}$ | $24^{\prime \prime}-48^{\prime \prime}$ |
| Palm, Fan | High to Moderate Light | $12^{\prime \prime}-36^{\prime \prime}$ | $24^{\prime \prime}-48^{\prime \prime}$ |
| Palm, Parlor | Moderate to Low Light | $24^{\prime \prime}-48^{\prime \prime}$ | 48" - 60" |
| Palm, Sago | Moderate Light | $24^{\prime \prime}-36^{\prime \prime}$ | 36" - 48" |
| Panda Plant | High Light | $12^{\prime \prime}-24^{\prime \prime}$ | $24^{\prime \prime}-36^{\prime \prime}$ |
| Peace Lily | Moderate to Low Light | $24^{\prime \prime}-48^{\prime \prime}$ | $48^{\prime \prime}-60^{\prime \prime}$ |
| Peperomia | Moderate Light | $24^{\prime \prime}-36^{\prime \prime}$ | $36^{\prime \prime}-48^{\prime \prime}$ |
| Philodendron | Moderate to Low Light | $24^{\prime \prime}-48^{\prime \prime}$ | $48^{\prime \prime}-60^{\prime \prime}$ |
| Philodendron, Split Leaf (Monstera) | Moderate to Low Light | $24^{\prime \prime}-48^{\prime \prime}$ | 48" - 60" |
| Piggyback Plant | High Light | $12^{\prime \prime}-24^{\prime \prime}$ | $24^{\prime \prime}-36^{\prime \prime}$ |


| Common Name | Lighting Requirements | Small <br> Aspect | Large <br> Aspect |
| :---: | :---: | :---: | :---: |
| Pitcher Plant | High Light | 12" - 24 " | $24^{\prime \prime}-36^{\prime \prime}$ |
| Poinsettia | High Light | 12" - $24{ }^{\prime \prime}$ | $24^{\prime \prime}-36^{\prime \prime}$ |
| Polka Dot Plant | High to Moderate Light | $12^{\prime \prime}-36^{\prime \prime}$ | $24^{\prime \prime}-48^{\prime \prime}$ |
| Ponytail Plant | High to Moderate Light | 12" - $36^{\prime \prime}$ | $24^{\prime \prime}-48^{\prime \prime}$ |
| Pothos | High to Moderate Light | $12^{\prime \prime}-36^{\prime \prime}$ | $24^{\prime \prime}-48^{\prime \prime}$ |
| Prayer Plant | Moderate Light | $24^{\prime \prime}-36^{\prime \prime}$ | $36^{\prime \prime}-48^{\prime \prime}$ |
| Primrose | Moderate Light | $24^{\prime \prime}-36^{\prime \prime}$ | $36^{\prime \prime}-48^{\prime \prime}$ |
| Primrose, Cape | High Light | 12" - 24 " | $24^{\prime \prime}-36^{\prime \prime}$ |
| Purple Passion (Velvet) Plant | High Light | $12^{\prime \prime}-24^{\prime \prime}$ | $24^{\prime \prime}-36^{\prime \prime}$ |
| Purple Waffle Plant | Moderate to Low Light | $24^{\prime \prime}-48^{\prime \prime}$ | $48^{\prime \prime}-60^{\prime \prime}$ |
| Rosary Vine | High Light | 12" - 24" | $24^{\prime \prime}-36^{\prime \prime}$ |
| Schefflera (Umbrella) | High to Moderate Light | $12^{\prime \prime}-36^{\prime \prime}$ | $24^{\prime \prime}-48^{\prime \prime}$ |
| Shamrock Plant | High to Moderate Light | $12^{\prime \prime}-36^{\prime \prime}$ | $24^{\prime \prime}-48^{\prime \prime}$ |
| Shrimp Plant | High Light | $12^{\prime \prime}-24^{\prime \prime}$ | $24^{\prime \prime}-36^{\prime \prime}$ |
| Snake Plant | Moderate to Low Light | $24^{\prime \prime}-48^{\prime \prime}$ | $48^{\prime \prime}-60^{\prime \prime}$ |
| Spiderplant | Moderate Light | $24^{\prime \prime}-36^{\prime \prime}$ | $36^{\prime \prime}-48^{\prime \prime}$ |
| String-of-Pearls | High Light | $12^{\prime \prime}-24^{\prime \prime}$ | $24^{\prime \prime}-36^{\prime \prime}$ |
| Tahitian Bridal Veil | High to Moderate Light | 12" - $36^{\prime \prime}$ | $24^{\prime \prime}-48^{\prime \prime}$ |
| Venus Fly Trap | High Light | $12^{\prime \prime}-24^{\prime \prime}$ | $24^{\prime \prime}-36^{\prime \prime}$ |
| Wandering Jew (Purple) | High to Moderate Light | $12^{\prime \prime}-36^{\prime \prime}$ | $24^{\prime \prime}-48^{\prime \prime}$ |
| Wandering Jew (White/Green) | Moderate Light | $24^{\prime \prime}-36^{\prime \prime}$ | $36^{\prime \prime}-48^{\prime \prime}$ |
| Yucca | High to Moderate Light | $12^{\prime \prime}-36^{\prime \prime}$ | $24^{\prime \prime}-48^{\prime \prime}$ |
| Zebra Plant | Moderate Light | $24^{\prime \prime}-36^{\prime \prime}$ | $36^{\prime \prime}-48^{\prime \prime}$ |

## ASPECT TROUBLESHOOTING

If you have any issues with your product, please check out our website for the most up to date FAQ's, help with common problems, or other updates about the Aspect.

## Problem: Flickering or Flashing

Possible cause \#1: Incorrect voltage. Check the input voltage.
Possible cause \#2: Incompatible Dimmer. No dimmer can be used.
Possible cause \#3: LED is damaged by environmental factors.
Possible cause \#4: High Ambient Temperature, something is
blocking the heat sink or causing the light to overheat.

## Problem: Aspect is not producing light

Possible cause \#1: Outlet that the Aspect is using is not working.
Possible cause \#2: A wire is broken, discontinue use.
Possible cause \#3: LED is damaged.
Possible cause \#4: Power supply has been damaged.

## Problem: The Aspect is overheating, too hot to touch

Possible cause \#1: The heat sink was designed to be warm or even hot to the touch. The unit will automatically shut off if it becomes dangerous. Check that the heat sink is not too close to objects that product heat or would hinder the natural cooling abilities of the heat sink.

## PRODUCT WARRANTY AND RETURN POLICY

## What Is Covered

The Aspect is warranted against defects in materials and/or workmanship for a period of three (3) years from the original date of purchase. During the warranty period, Soltech Solutions LLC will either repair or replace any covered, defective product. Within the first 90 days, Soltech Solutions LLC will incur all costs associated with the repair, or replacement, and return of the defective product. After 90 days, the customer will assume responsibility of shipping the defective product back to Soltech Solutions LLC for the remainder of the warranty period. Soltech Solutions will, in turn, assume
responsibility for the shipping fees associated with returning the repaired or replaced product back to the purchaser.

## What is Not Covered

This limited warranty does not cover any damage, deterioration or malfunction resulting from any alteration, modification, improper or unreasonable use or maintenance, misuse, abuse, neglect, exposure to excess moisture, fire, improper packing and shipping (such claims must be presented to the carrier), lightning, power surges, or other acts of nature. This warranty does not cover any damage, deterioration or malfunction resulting from the installation or removal of this product from any installation, any unauthorized tampering with this product, any repairs attempted by anyone unauthorized by Soltech Solutions LLC to make such repairs, or any other cause which does not relate directly to a defect in materials and/or workmanship of this product.

## How to Obtain Warranty Service

In order to enforce the rights under this warranty, you need to provide proof of purchase for your product. This allows us to verify the product is authentic and if it falls within the 3-year period. If you do not have this information, please contact us. In many cases, we may have this information and can assist with the warranty claim. We may not be able to provide you with warranty coverage if neither party can find the proof of purchase information.

To start a claim, notify Soltech Solutions LLC by contacting a representative at contactus@stsln.com. A Soltech Solutions LLC representative will either attempt to assist in troubleshooting, request photos showing defect, or provide detailed return instructions. Upon receipt and review of the defective product, Soltech Solutions LLC will repair or replace, and return within twenty (20) business days.

## LEGAL DISCLAIMER

Soltech Solutions and the Aspect was made for both interior design and with the intention of creating an ideal growing environment for plants, vegetables, fruits and herbs. These products are to be used for lawful purposes only. It is the responsibility of you as the purchaser to know and abide by all laws pertaining to the use of your new Aspect grow light.

Soltech Solutions will not be held liable for any unlawful state or federal activity arising out of the use of our products. By purchasing the Aspect, you are agreeing to the terms \& conditions, confirming that you as the purchaser are attesting to the lawful use of our product and are thereby solely responsible for acting in conformance with all applicable regulations.

