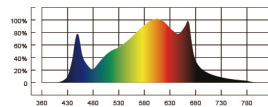


## Rediscover Beauty of Plants with Technology

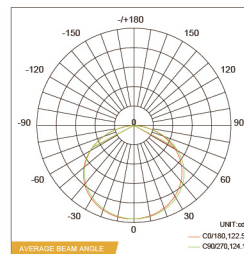
Zeggwell is committed to creating a high-quality artificial ecosystem and reproducing beauty of plants through advanced plant science and technology.

### PERFORMANCE

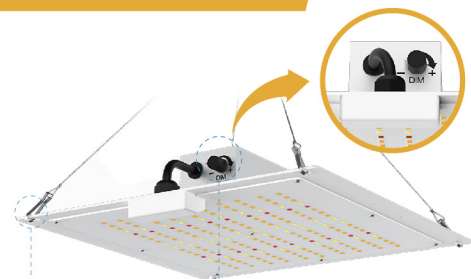
Spectrum Graph



Photometric Data



### INSTALLATION DESCRIPTION



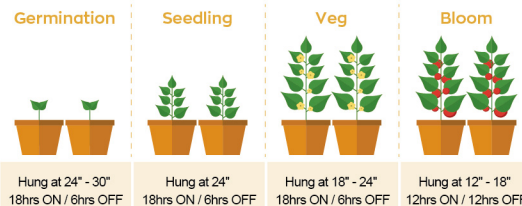
1

As shown in the figure, metal hooks shall be installed at the four corner holes of the product and connected with the rope hanger, then you can hoist the grow light.

2

Turn the electrodeless dimming knob manually to dimmer the grow light.

### PLANTING INSTRUCTIONS



### GROW TIPS

- The rates of photosynthesis and transpiration are directly affected by temperature, humidity and airflow.
- The perfect temperature and humidity for your plants are found between 75°F - 85°F and 50% - 70% humidity with plenty of airflow to replenish CO<sub>2</sub>.
- To keep the soil with the pH between 6 and 6.5, you may add more calcium and magnesium than normal one.

### POINTS FOR ATTENTION

- Please read the manual thoroughly before you install or operate SS-series grow lights and keep it for future reference.
- Consult a qualified electrician to ensure correct branch circuit conductor.
- This product must be installed in accordance with the applicable installation code by a person familiar with the construction and operation of the product and the hazards involved.
- For light: When connected to 5 - 15P polarized plug, input voltage is 120V, 60Hz.  
When connected to 6 - 15P polarized plug, input voltage is 240V, 60Hz.  
When connected to 7 - 15P polarized plug, input voltage is 277V, 60Hz.
- Do not touch the light panel when it is working.
- Wear protective glasses if you look at the light directly.
- Do not use a damaged power cord in order to avoid fire or electric shock.
- Unplug to prevent power surge on rainy days.
- Unplug before cleaning.

### GENERAL CARE

SS-series grow lights are passively cooled with zero moving components. They are designed for harsh environments and long-term performance. Some basic care will keep your grow lights working with peak performance in each period of plants growth.

- (1) Ensure natural convection removes heat away from the heat sink. In order to properly cool itself, you should set a recommended separation distance (  $\geq 1"$  ) between plant canopy and grow lights. Failure to do so may shorten the fixture's lifespan.
- (2) To achieve the optimal lifespan and performance of your grow lights, you should check and clean excess dust, debris and mineral piled up on heat sink and LED array routinely. We suggest that you use low-pressure compressed air to clean it when the product is powered off.
- (3) Never use a cloth to clean the diode array, otherwise it may scratch the integrity of the silicon seal or cause diodes to fall off entirely.
- (4) Do not touch the diodes with your hands for limiting degradation even when the product is powered off.

### WARRANTY TERMS

The following after-sales service will be provided in the premise of non-human damage:

- 1 You can return or exchange the product within 30 days after delivery.
- 2 If there is any problem with the product, you can get free service within 90 days after delivery.
- 3 3 months ~ 1 year: you can choose to send us the product if it doesn't work, and we will repair it. You only need to pay one-way freight and maintenance costs.
- 4 1 ~ 3 years: you can choose to send us the product if it doesn't work, and we will repair it. You only need to pay round-trip freight and maintenance costs.

### FCC WARNING

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

The users manual or instruction manual for an intentional or unintentional radiator shall caution the user that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. In cases where the manual is provided only in a form other than paper, such as on a computer disk or over the Internet, the information required by this section may be included in the manual in that alternative form, provided the user can reasonably be expected to have the capability to access information in that form.

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio / TV technician for help.

# SS-SERIES GROW LIGHTS

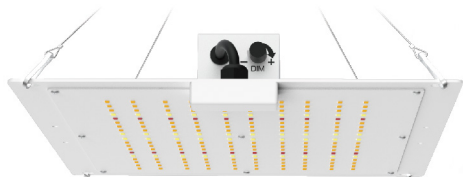


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## Specification

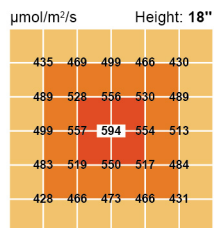
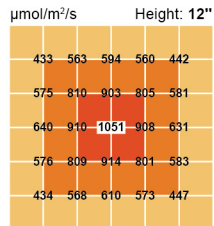
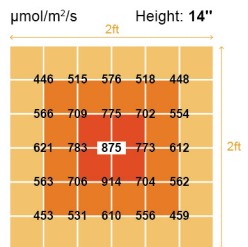
ZF-H-SS-  
**110**



Tested in a 2x2 ft Grow Tent

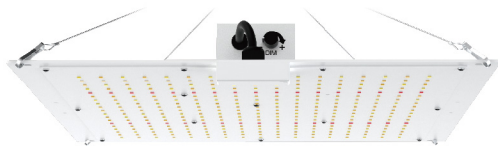
Veg Coverage **3x3ft**

Flower Coverage **2x2ft**



Input Power	110W
Input Voltage	120V~277V
THD	≤15%
PF	≥0.95
Efficacy	2.75 µmol/J
Beam Angle	120°
Dimming	Knob
Dimension (LxWxH)	11.8"x11.4"x2.4" (300x290x60mm)
Weight	3.6lbs (1.63kg)
Ambient Temperature	14°F~104°F (-10°C~40°C)
Certifications	ETL/FCC
Lifespan	30,000hrs
Warranty	3-year standard warranty

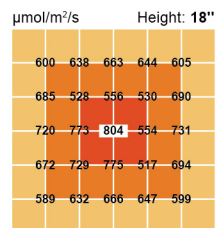
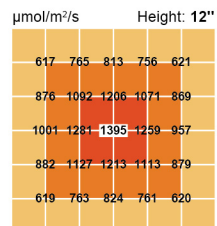
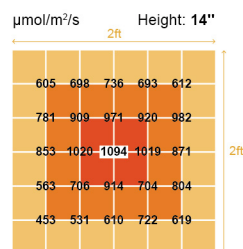
ZF-H-SS-  
**160**



Tested in a 2x2 ft Grow Tent

Veg Coverage **3x3ft**

Flower Coverage **2.5x2.5ft**



Input Power	160W
Input Voltage	120V~277V
THD	≤15%
PF	≥0.95
Efficacy	2.75 µmol/J
Beam Angle	120°
Dimming	Knob
Dimension (LxWxH)	15.4"x15"x2.4" (390x380x60mm)
Weight	5.3lbs (2.4kg)
Ambient Temperature	14°F~104°F (-10°C~40°C)
Certifications	ETL/FCC
Lifespan	30,000hrs
Warranty	3-year standard warranty

ZF-H-SS-  
**220**

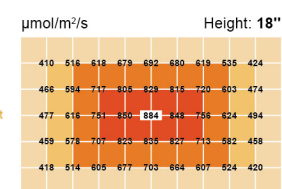
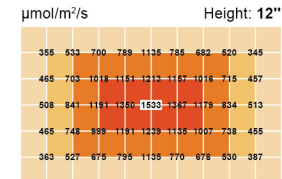
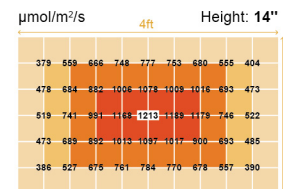


Input Power	220W
Input Voltage	120V~277V
THD	≤15%
PF	≥0.95
Efficacy	2.75 µmol/J
Beam Angle	120°
Dimming	Knob
Dimension (LxWxH)	23.6"x11.4"x2.4" (600x290x60mm)
Weight	6.1lbs (2.74kg)
Ambient Temperature	14°F~104°F (-10°C~40°C)
Certifications	ETL/FCC
Lifespan	30,000hrs
Warranty	3-year standard warranty

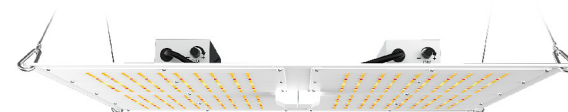
Tested in a 4x2 ft Grow Tent

Veg Coverage **4x3ft**

Flower Coverage **4x2ft**



ZF-H-SS-  
**440**



Input Power	440W
Input Voltage	120V~277V
THD	≤15%
PF	≥0.95
Efficacy	2.75 µmol/J
Beam Angle	120°
Dimming	Knob
Dimension (LxWxH)	11.8"x11.4"x2.4" (600x580x60mm)
Weight	11.7lbs (5.3kg)
Ambient Temperature	14°F~104°F (-10°C~40°C)
Certifications	ETL/FCC
Lifespan	30,000hrs
Warranty	3-year standard warranty

Tested in a 4x4 ft Grow Tent

Veg Coverage **5x5ft**

Flower Coverage **4x4ft**

