



Instruction and Installation Manual LED-9610 series Grow Light



LED GROW LIGHTS BY LIGHT EFFICIENT DESIGN

Instructions for use of LED Grow Lights

Warning: LED-9610 series Grow Lights are for indoor use only. Do not expose to water drip or spray. Do not expose the lights to physical harm such as impact or severe environmental conditions. Working temperature is -20°C to 40°C.

Warning: When installing LED-9610 series Grow Lights, ensure that the power outlets are properly grounded and have adequate capacity. If there is any doubt, please consult an electrician. Please ensure that there is adequate clearance for airflow around the lights. A minimum of 12 inches of clearance are recommended above the light and 2 inches at the sides.

Warning: LED grow lights can cause eye damage. Avoid looking directly at the lights when they are on. Use shielding and light blocking glasses to protect your eyes.

Warning: Never place the lamp “face down” on a surface, as it may damage the lenses.

Warning: When connecting lights in a “daisy-chain” fashion, the total power used must not exceed 1,100 watts at 120 volts or 2,200 watts at 240 volts. The remote control can control up to 8 fixtures.

Recommendation: It is highly recommended that surge suppressors are installed to protect your grow light investment. Power surges are one of the leading causes of premature grow light failure.

Note: LED-9600 series grow lights are equipped with thermostatic fans. The fans will generally turn on a few minutes after the grow light is turned on. Fans may continue to run a few minutes after it is turned off.

General Instructions

Growing conditions vary widely by location and crop. It is recommended that growers use a PAR meter to position the light so that it provides the correct amount of light for the plant. Generally these grow lamps are mounted between 18 and 36 inches from the plants.

If lamps are being used to replace HID grow lights, it is recommended to use 50 watts of LED grow lights for each 100 watts of HID lighting replaced. If grow lights are used as supplementary lighting is added to accelerate the growth of plants, please closely monitor of nutrient and water feeds, as they may need adjustment due to faster growth.

If you have further questions, please contact us by submitting a request to info@SimuLightLED.com or through the contact screen on the web site.