

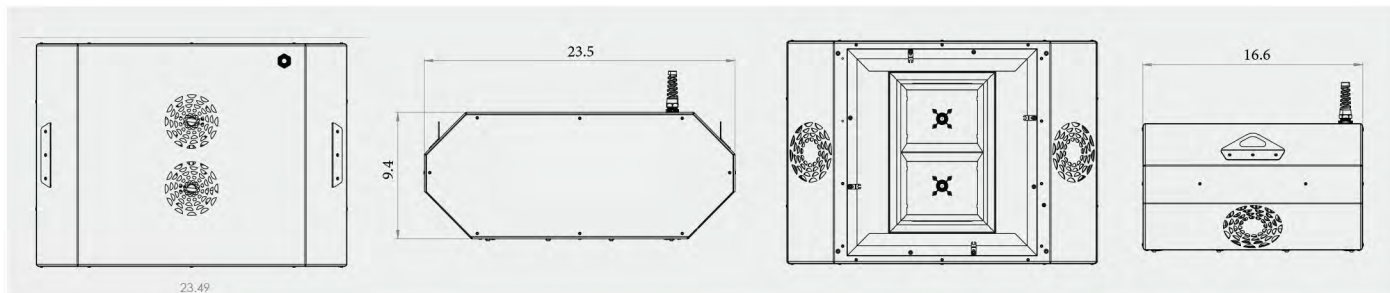


Switch

GROW SOLUTIONS

SG-DB520 Plasma

520W Dual Bulb Dimmable Plasma with Smart Connect



Housing Aluminum, corrosion resistant, light weight, symmetric design for easier handling, active and passive cooling to increase heat dissipation. Low profile mounting points.

Reflector High grade aluminum PVD coated to >96% reflectivity, proprietary optics for dual emitters, removable high transmission (>98%) tempered glass. EMI shielded.

Dimensions 23.5 inch (length) x 16.6 inch (width) x 9.4 inch (height)

Weight 30 lbs

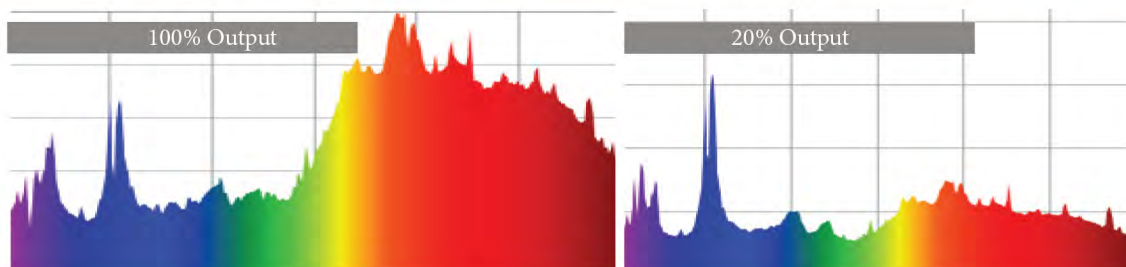
PPFD 700 $\mu\text{mol}/\text{m}^2/\text{s}$

Bulb Life Maintains 92% of output at 8,000 hrs (easy to replace)

Electrical 110 - 277 VAC, 50/60 Hz, 520 W

Controls Internet enabled, secure, web UI controls built in, no relays, timers nor switches required. Adjustable dimming and spectrum output changes the output ratio of red and blue light on the fly, without changing bulbs or modules.

Spectrum



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We develop energy efficient lighting solutions specifically for horticultural applications. With plasma technology at its core, our fixtures offer the highest quality light for indoor and greenhouse growing.

Optimized, full-spectrum lighting:

Not all light is created equal. Our spectrum focuses light at key chlorophyll absorption points while maintaining a broad full-spectrum similar to the light plants receive from natural sunlight.

Dramatically lower electrical usage and HVAC size:

The Dual Plasma draws ~50% less energy and radiates ~50% less heat than traditional HID lights. Applied as a stand alone or integrated in a hybrid design, our fixture can help reduce your electrical usage and overall HVAC load. The Dual Plasma may qualify for rebates and grants from your local utility company!

Increases plant quality & helps eliminate mildew and pests:

SGS Dual Plasma produces optimized amounts of ultraviolet light.

- Stimulates color, aroma, flavor.
- Increases essential oil and nutrient production.
- Builds stronger branches to support rapid growth.
- Strengthens plant's ability to fight pests and pathogens.



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