



A500X

The Kessil[®] A500X is a powerful 185 W high intensity LED light specially developed for the growth of exigent SPS corals. This luminaire integrates the latest Dense Matrix LED technology and Kessil[®] Logic™ for an even output across the entire adjustable spectrum. The concentrated light with a broad spectrum is specifically designed for the best possible growth, optimal coloring and long-term health of SPS corals in order to thrive in a wide variety of biotopes.

The beam of the A500X can be adjusted with optional 35° and 55° reflectors for targeted light bundling. With the 110° reflector a penetration of up to 60 cm (2 ft) is achieved, with the 55° reflector up to 90 cm (3 ft) and with the 35° reflector up to 120 cm (4 ft).

Compatible with Kessil[®] Spectral Controller X, WiFi Dongle and Mounting Arm.

Features of the Kessil[®] A500X LED for superior lighting in reef aquariums:

- The innovative optics, along with the optimized latest generation Dense Matrix LED technology, ensure a broad light output and eliminate shading. Multiple LED chips are concentrated into a single LED array, creating a powerful and penetrating light source with large coverage.
- Different wavelengths are mixed seamlessly, emitting uniform color across the coverage range.
- The color can be selected via the adjustable spectrum, Kessil[®] Logic™ ensures consistent power output and coral growth across the tunable spectrum.
- The beautiful, unrivaled Kessil[®] shimmer effect replicates the look of natural sunlight reflecting from the water.
- The Tuna Blue spectrum from rich, deep blue to bright, natural daylight promotes coral growth and improves coloration.
- In addition, with the Spectral Controller X or the WiFi Dongle, the additional light colors red, green, violet and indigo (purple) on the LED matrix can be used to offer a full color spectrum.
- The Kessil[®] Spectral Controller X is equipped with numerous functions. Thanks to the intelligent communication transmission method K-Link, the Spectral Controller X enables color control and networking of several X-lights as well as setting up individual lighting groups for the execution of various programs.
- The Kessil[®] WiFi Dongle efficiently controls an A500X without additional cables or other hardware. The WiFi Dongle is directly connected to K-Link and can be controlled with any Android or iOS phone.
- The intuitive app offers a variety of functions from daily automated programming to manual programming for photo shoots, full color control, acclimatization, lunar cycle, weather effects and much more. With the K-Link cable, up to 32 X lights can be controlled.
- The innovative heat management system increases the durability and efficiency of the A500X luminaire.

Technical Specifications:

Spectrum: Tuna Blue (with Spectral Controller X or WiFi Dongle + Red + Green + Purple (Violet+Indigo))

Coverage: 36" x 36" (90 x 90 cm) for SPS dominant systems

Power Consumption: 185 W max.

Power Supply: 100-240V AC 50-60Hz (input), 48V DC (output)

Dimensions (H x D): 3.7" x 5.2" (94 mm x 133 mm)

Unit Weight: 1.72 lbs / 780 g