

TIAO
JIU

HALO
85W LED FRESHWATER Fixtures



Plant Growth Pendant LED Lighting

The **HALO LED fixtures** create amazing shimmer for your aquatic environment, and the **desired color** and **light intensity** are easily adjusted with the **simple turn of a dial**.

A special blend of LED colors enhances photosynthesis for **better plant growth**. The HALO is designed and built for long service life, **simple operation** and **maximum performance**, all in a compact, low maintenance, **efficient and attractive** fixture.

BIG FEATURES in a Small Pendant

- The built-in programmable timer in the Deluxe model makes it easy to control the 25 LED array
- Seven different LED's, including beneficial UV LED's, deliver the optimum light for plants
- Connect and control an unlimited number of Basic models using a Deluxe model or Aquarium Controller with a 0-10 volt output
- LED's can be programmed to slowly turn on and off over a period of time to create a Sunrise and Sunset effect

Comes with both
80° and 110° lenses



Customer Support
Call 1-888-548-3480
customersupport@aquaticlife.com

For more information on this product and for a complete list of other quality Aquatic Life products visit www.AquaticLife.com

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LCD Programmable Control Panel
Controls the timer and dimmer



Power Knob
Controls the maximum light intensity of both channels

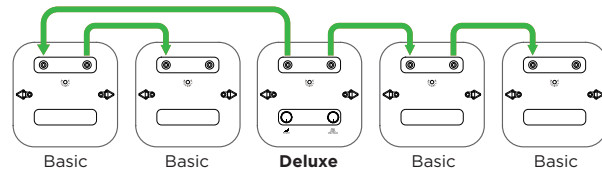


Spectrum Knob
Controls mixing ratio of channel 1 and 2 to optimize spectrum



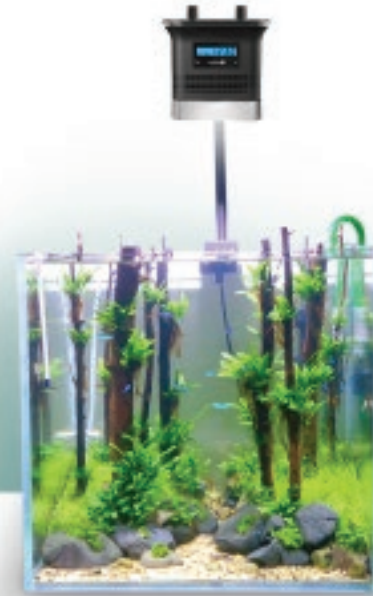
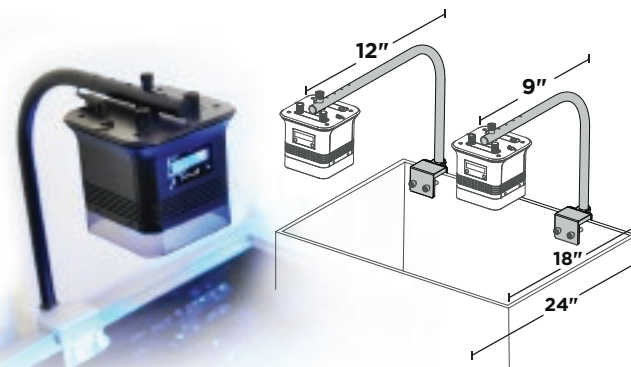
2 Channel LED Matrix & Lens
Delivers the desired light spectrum with a well defined emission angle

Link Multiple Fixtures Together!



Add and control an unlimited number of **Halo Basic models** with a Halo Deluxe or an Aquarium Controller with a 0-10 volt output.

Mounting Arms available to fit 18", 24" & 30" wide aquariums & also conceal power cords



Halo Deluxe & Basic Models provide **85W output** with **25 LED's** to deliver the **optimum light for plant growth.**

CHANNEL 1:
Warm White Spectrum

(8) White 4K

CHANNEL 2:
Enhanced Photosynthesis LED Combination

(1) 400nm

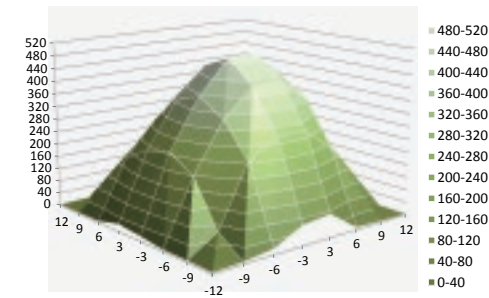
(1) 420nm

(2) 455nm

(12) 7.5K

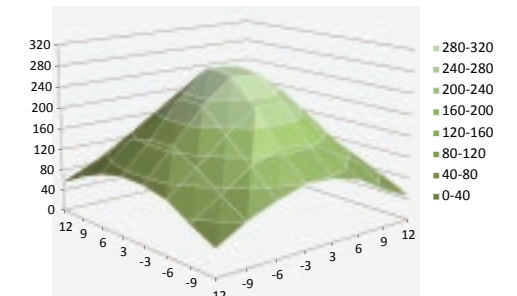
(1) 625nm

Halo LED PAR Measurements 80° Lens



Expressed in $\mu\text{mol m}^{-2} \text{s}^{-1}$
Measuring distance 12"

Halo LED PAR Measurements 110° Lens



Expressed in $\mu\text{mol m}^{-2} \text{s}^{-1}$
Measuring distance 12"

See **Videos** about these **Amazing Fixtures!**



Introduction to the HALO



HALO lens options



Programming the HALO