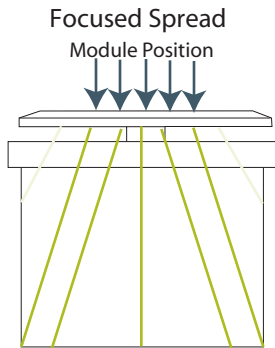


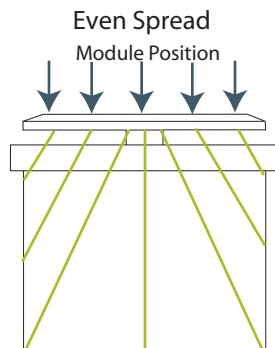
Module Positioning

The modular design of the Panorama Pro LED fixture provides for adjustable positions for the Panorama Pro LED Modules. By simply removing the two screws at each end of the module, the module can be moved in the fixture and re-positioned. This allows you to optimize PAR and ensure light is going into your tank (not on your wall!!) depending upon your specific aquascape.

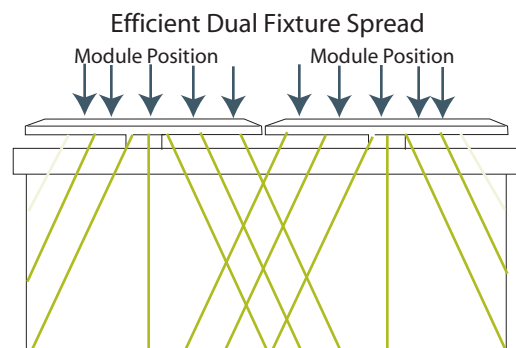
A few examples:



Sliding the modules close together towards the center of the fixture is ideal for high PAR and aquariums with a slope-to-center aquascape.



Evenly spacing the modules from left to right is ideal for most aquariums and will spread light efficiently over the entire aquascape.



When using multiple fixtures, we recommend sliding the outside modules in just a bit, this will efficiently keep light focused in the aquarium. You can also slide the modules in the closest to the center of the tank from left to right to avoid center brace shadows.

Color Upgrades

By adding Panorama Pro modules or Stunner LED strips to your fixture, you can change the color rendition in your tank dramatically. Here are some simple guidelines for adding different color spectrums to your Panorama Pro LED fixture:

LED Color Spectrum	Appearance	Description
445nm Royal Blue		445nm Blue is what makes corals "pop" in color and is an excellent spectrum for both increasing coral growth and enhancing color.
445nm Royal Blue/Magenta		If your looking to add a bit of purple or boost PAR, this is stunning color combination. The additional Magenta LEDs are quite high in PAR and provide the classic 420nm Actinic appearance many hobbyists love. Perfect for both coral growth and color.
RGB Module		RGB Modules provide amazing control over the spectrum appearance in your tank. The "full spectrum" look is extremely popular, and adding an RGB Module and setting it to yellow will take away the clinical appearance of white/blue LEDs and give your tank a natural look (yellow is created from a bit of red and green LEDs.) You can also use this module to add purple, light blue, even fade colors in and out for cool cloud cover effects.
8,000K White		Ideal for use in heavily planted aquariums, 8,000K is also an excellent way of enhancing oranges & reds in marine fish (like your clownfish!)
12,000K White		An extremely crisp, penetrating white light - 12,000K emits a very high amount of PAR for coral growth.
Ultraviolet UV		Perfect for zooanthids, mushrooms and color supplementation.
12,000K White/445nm Blue		An excellent combination module for increasing coral growth and color.