Algae Growth
The tip of the biospike is where the algae uses the sun to photosynthesize and multiply to a point where they can be processed and turned into biofuel.

Bioluminescent Algae
Bioluminescent Algae is the main organism that is used to create fuel and organic light.

BioFuel Production
The containers hold 22,653.5 Liters of water/algae solution that can create 11,321 Liters of Biofuel per Cycle.

BioFuel Processing
The algae is brought down to the base of the spike where it is processed. The algae is airated with CO₂ and the sediment sinks to the bottom of the spike where it can be collected and the rest of the algae can be pumped back to the top to continue the process.

Structure
Each spike is grounded by a concrete foundation to counterweight the weight of the structure. The base and the transfer pipe are made out of galvanized steel, the outer frame is made out of steel bar stock that is welded on site.