



Interior View of a Energy Pod with Shade Loving Plants



Night View of a Energy Pod



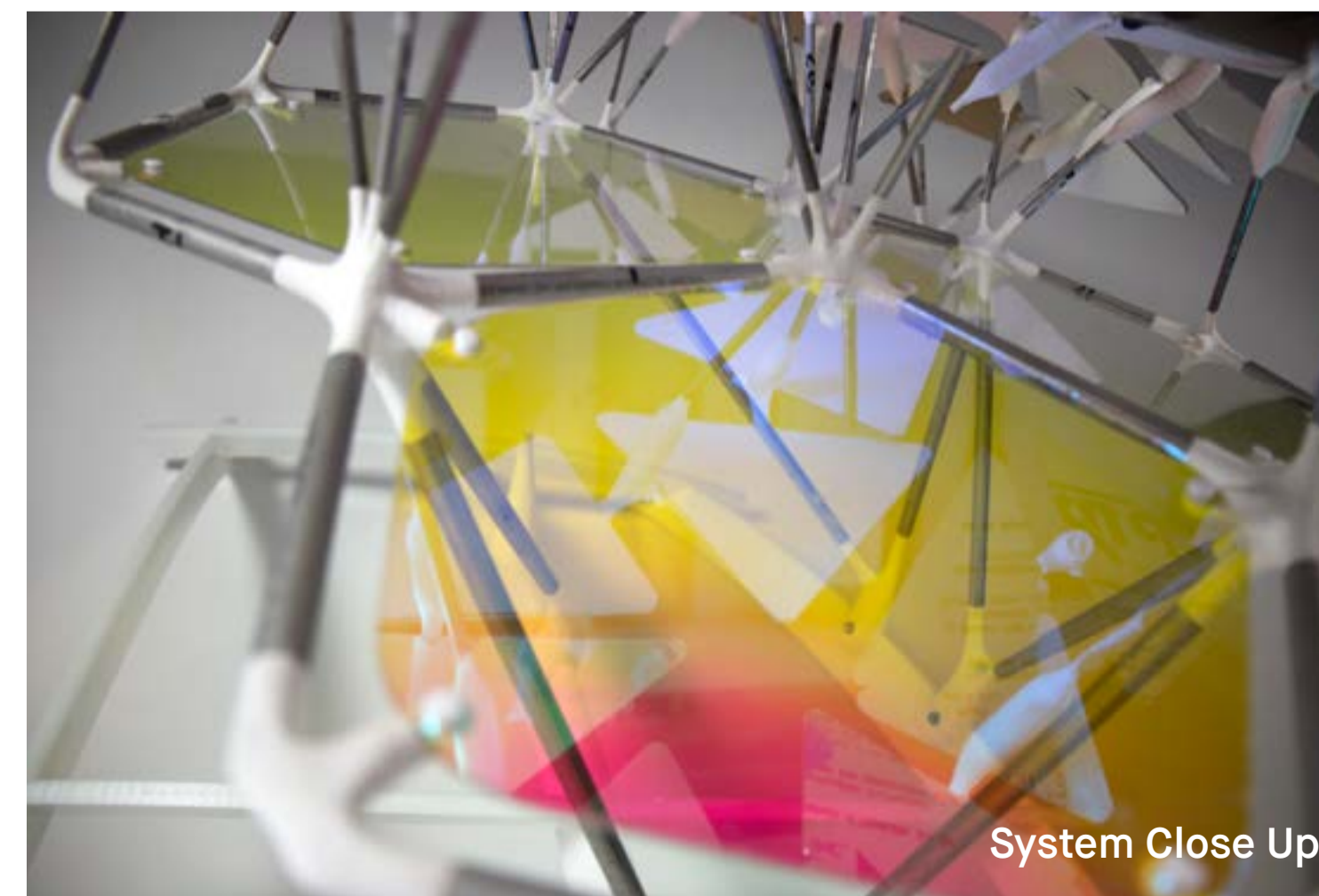
Light Meander as Wayfinders

## Designing For Light & Environment

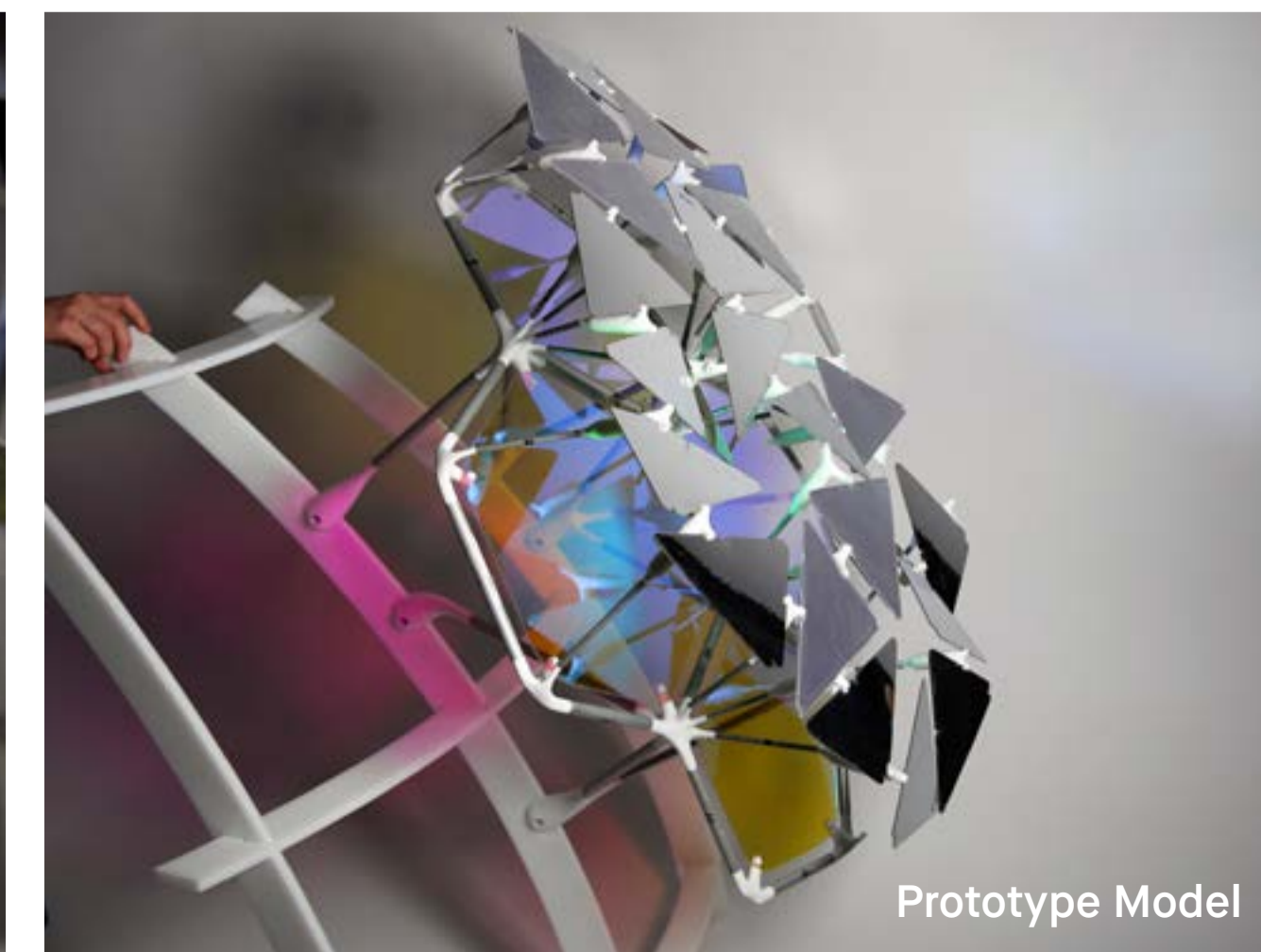
The PV cells capture light and thus create an area of partial shade and energy storage in the proposed farming environments at Fly Ranch. The interior of the agrivoltaic system hosts shade plants and crops taking full advantage of the sunlight. While solar cells capture a portion of the sunlight, the uncaptured light filters through the gaps between cells to provide light for native plants and crops for food production for visitors and residents of Fly Ranch. This multi-program pavilion offers creative design solutions to prevalent engineering problems present in current solar technologies. Integrating PV systems and infrastructure in the early phases of design, this proposal aims to inspire widespread integration of sustainability, technology, design, and aesthetics.



Birds Eye View



System Close Up



Prototype Model