

Tunable, Full-Spectrum Lighting for Optimal Plant Growth

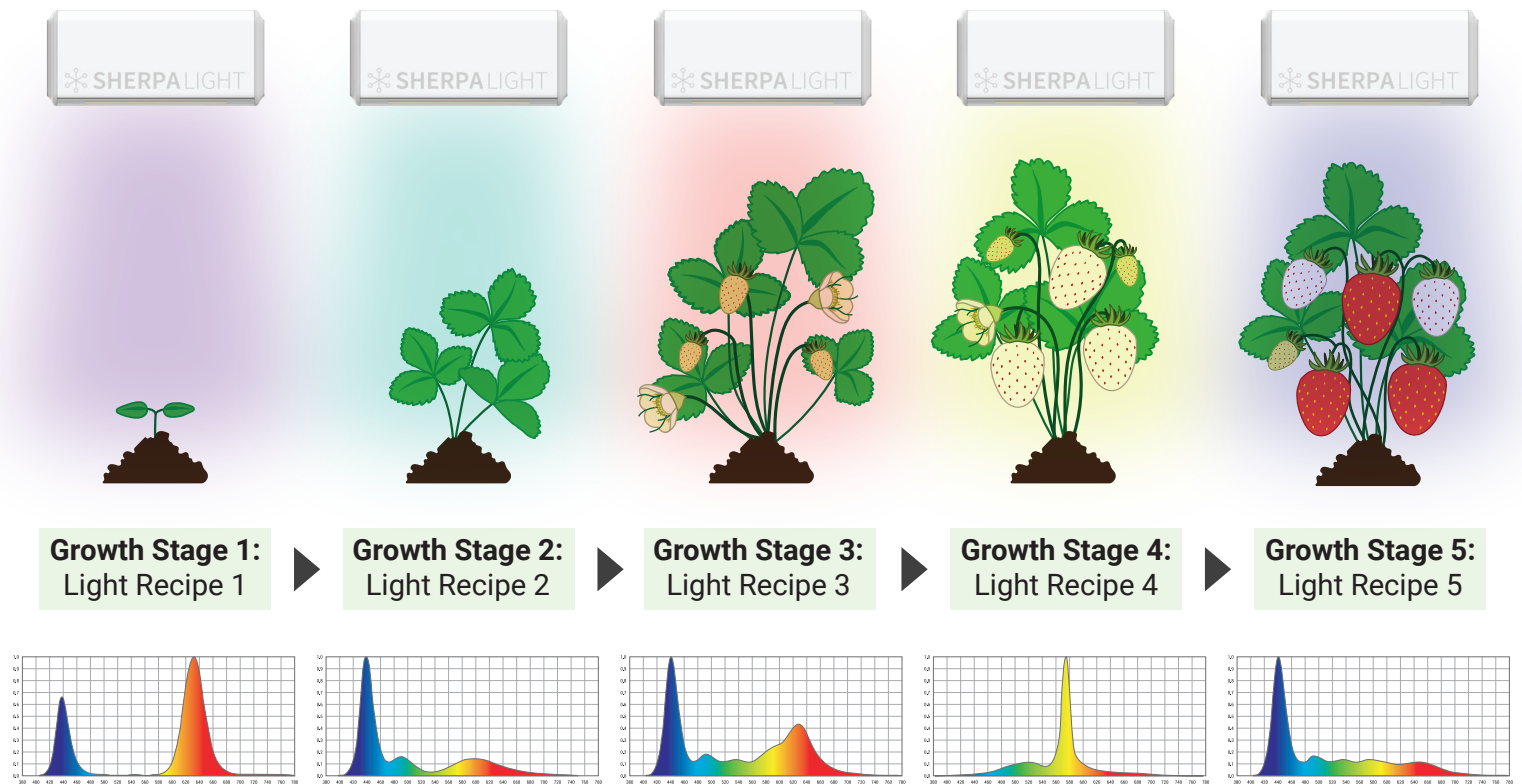


Sherpa Space

The Sherpa Light is the only available solution to cater to both the plant strain and its growth stage to achieve the plant's maximum potential.

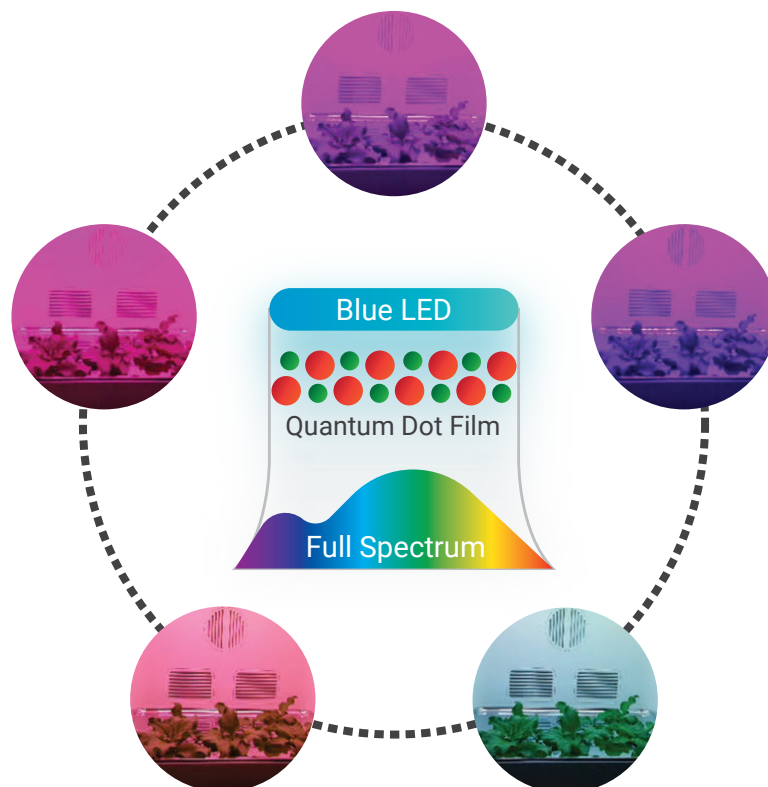
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Plants demand different lights in each growing stage and by species. **Sprout, seedling, and at the vegetative or flowering stage, plants need different light.**



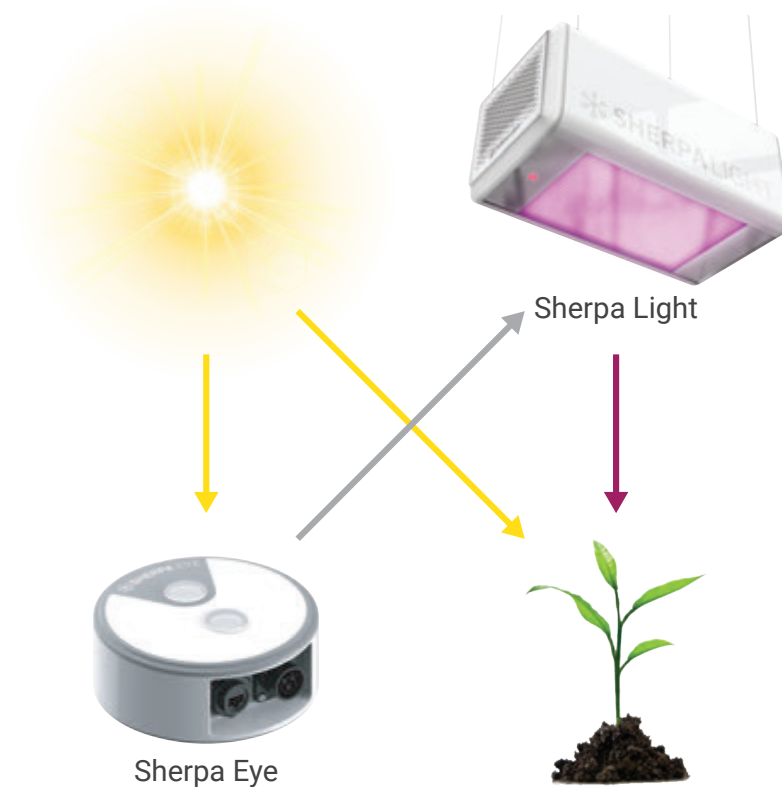
Sherpa Light Technology

We use the principle that different colors of light can be implemented depending on the size of the quantum dot to provide the optimal light needed for plants. Sherpa Light uses the common Blue LED as the source light, the light from which is converted to other wavelengths using the QD Film.



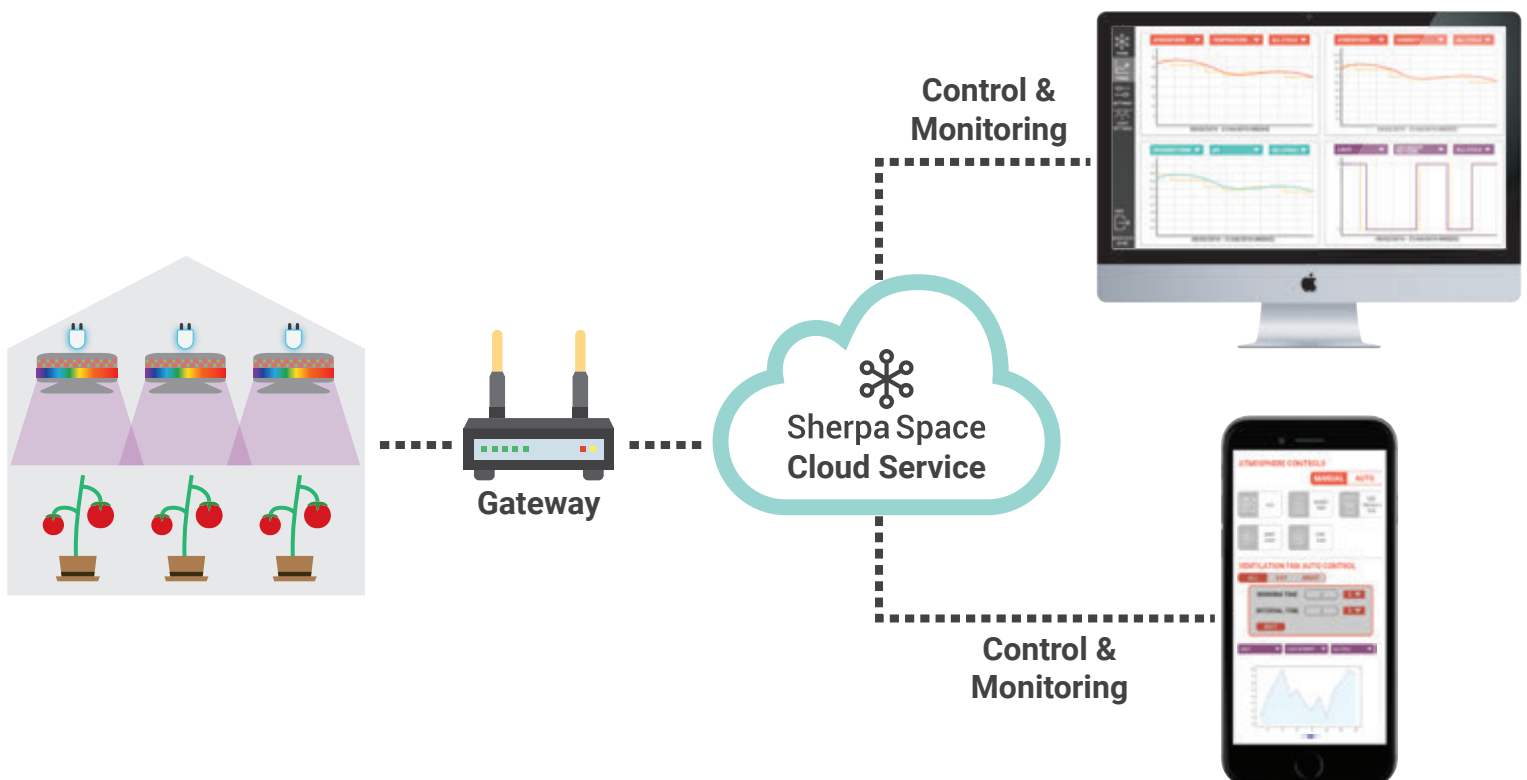
How Does It Work?

The Sherpa Eye derives the deficient light, based on sunlight data and a Light Recipe. The Sherpa Light supplements the sunlight accordingly, which allows to provide dynamic lighting for the best produce quality and minimal energy loss.

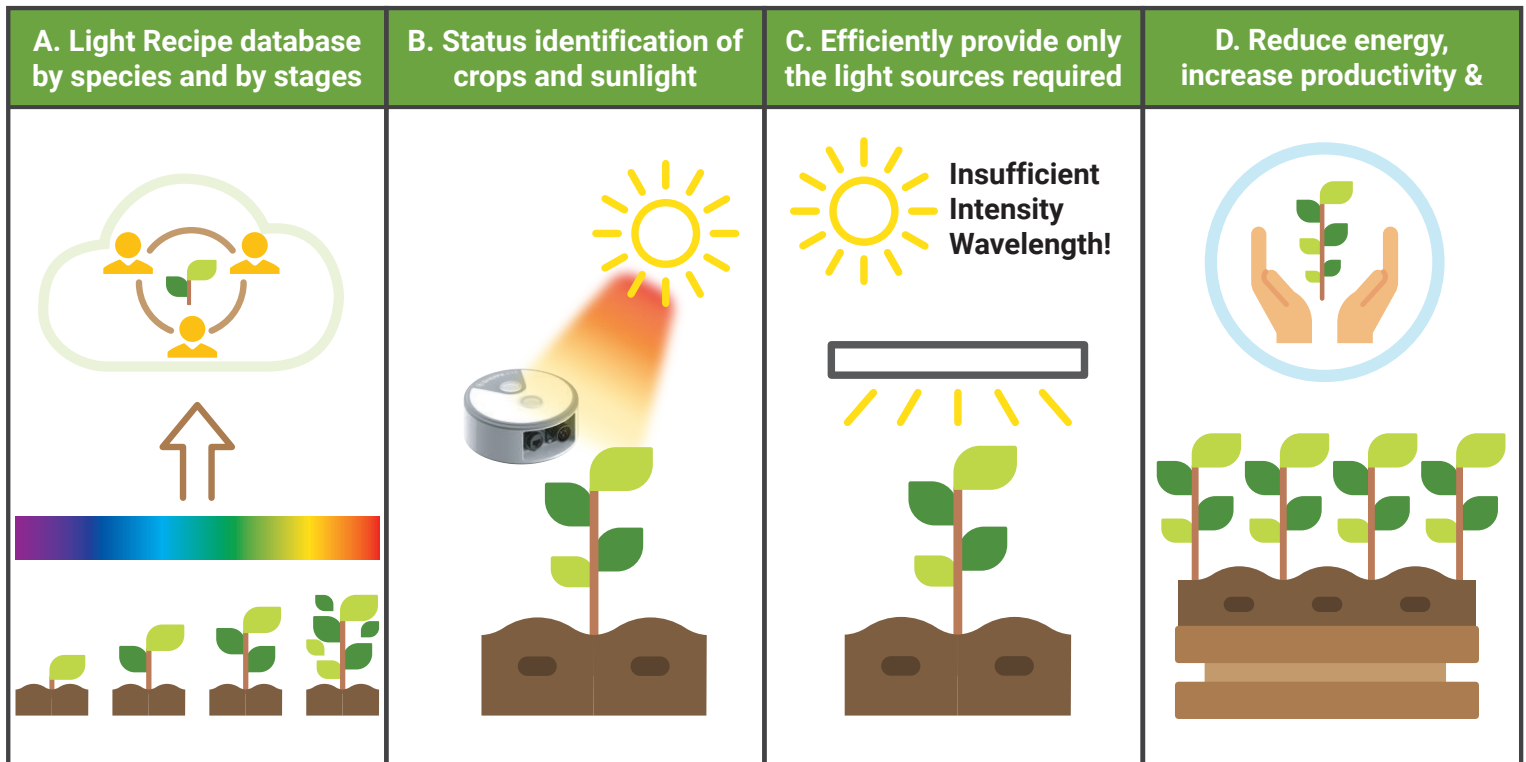


Sherpa Light Software

With the Sherpa Light software, users can load and customize Light Recipes to their special and or unique needs, such as increasing specific nutrients.



Dynamic Lighting with Sherpa Light & Sherpa Eye

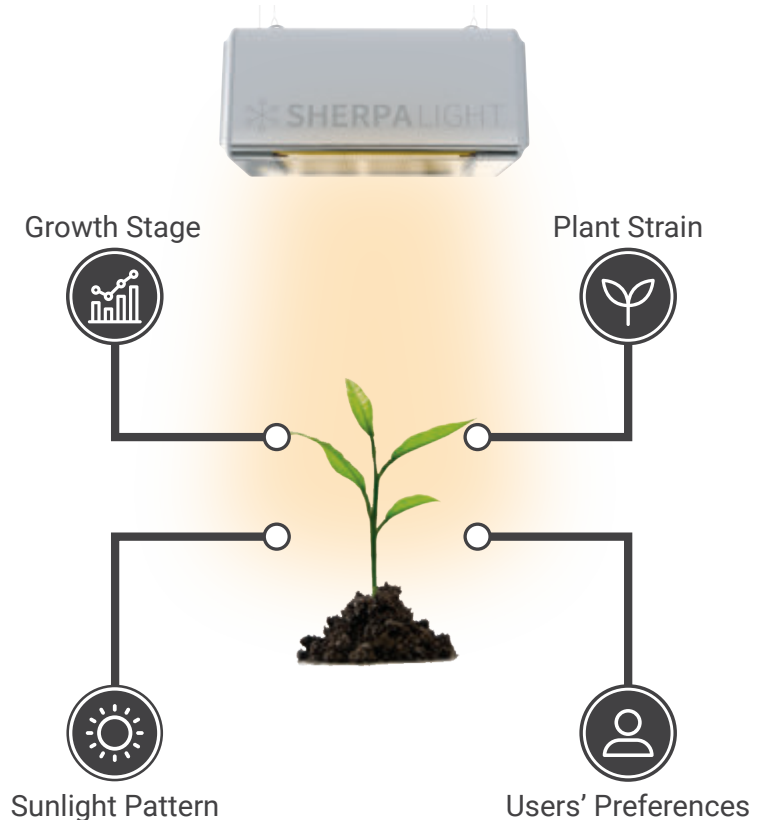


Light Recipe

At Sherpa Space, we have a Light Recipe studio in which we determine the optimal lighting conditions for a plant's strain and growth stage. A combination of wavelengths and intensity values of light helps reach a plant's full potential. The Light Recipe varies to the following:



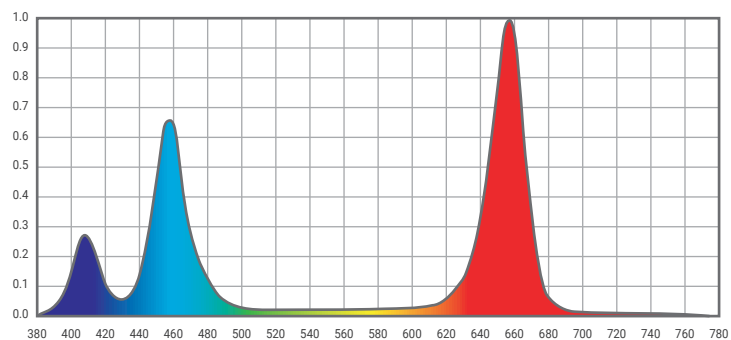
Light Recipe Studio



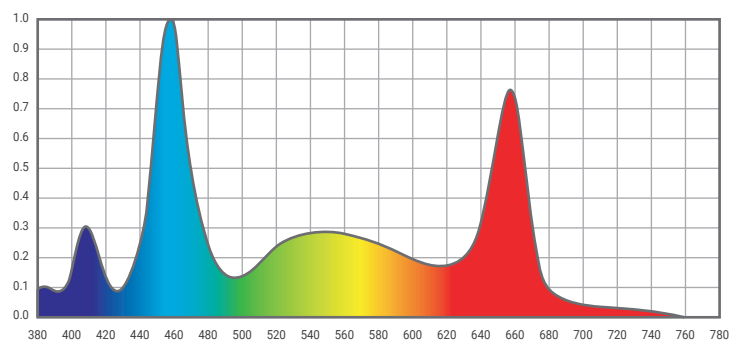
Sherpa Light's Novelty

Sherpa Light can provide what the plants truly need at every moment. The **tunable full-spectrum light** provides the versatility that makes it possible.

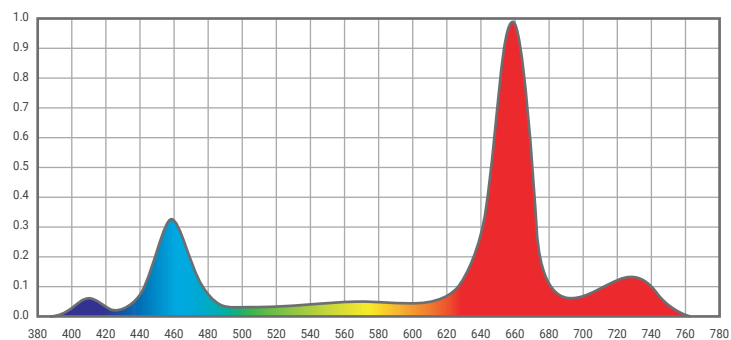
Stage 1: Adaptation



Stage 2: Vegetative



Stage 3: Flowering

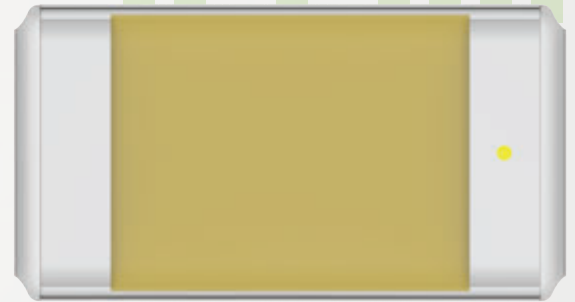
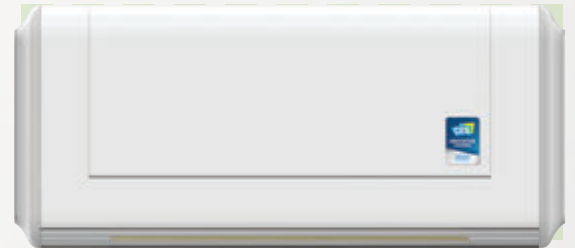
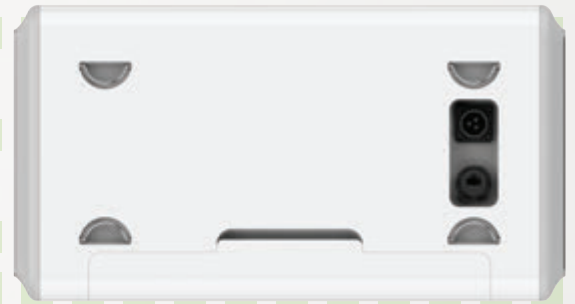
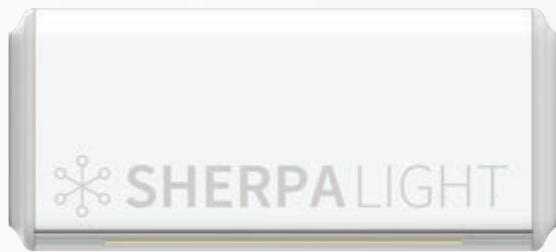


Further Customization to Address User's Growing Preferences

Sherpa Light Film provides further customization options for a given plant strain. Using the lighting's versatility, we can enhance the medicinal and nutritional contents of your produce.



Technical Specifications



1	Model Number	Sherpa Light
2	Length	16.94 in (43.03 cm)
3	Width	10.42 in (26.47 cm)
4	Height	7.48 in (19 cm)
5	Weight	26.5 lb (12.02 kg)
6	Material	ST, ABS/PC, Glass
7	Product Technical Specifications	Control of spectrum with various tunable films (380-730nm)
8	Power Consumption	650 Watt Typical
9	Input Voltage	100~240 VAC

Do you have any questions or inquiries?

Feel free to reach to us through any of the following channels.



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Sherpa Space