



# SUN - TUNABLE GROW LIGHT

Indoor Grow Light  
For CEA Growers

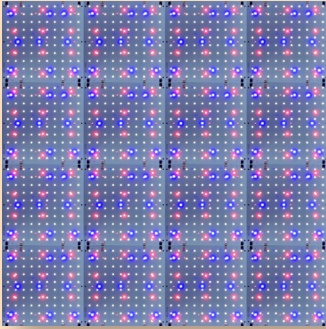
## SPEC SHEET

What if you could control the sun? Now you can with SUN - T1

Product Code: 388-730

Damp and Dry

### THE CHALLENGE



- Different plants need different light spectrums to accelerate growth, improve appearance and taste.
- The same plant can be improved by “manipulating” the light spectrum during each day and phase of its growing cycle.

*How can this be done with a single spectrum light emitter? It can't!*

### THE SOLUTION

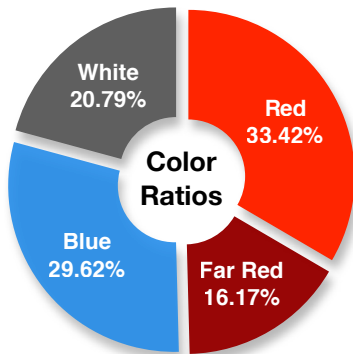
Introducing the next generation for CEA growers  
Sun 1 Tunable Grow Light!

**One grow light can be adjusted to virtually ANY light spectrum during each day and during the entire growing cycle.**

- Start the early growth of each plant with more blue to accelerate early growth.
- Gradually shift the spectrum to more green/red as the plant starts to mature.
- Hit the plant with just far red for the last 10 minutes of each day to gain larger leaves and improve taste and/or lowering. **ONE grow light for ALL plants and ALL phases of growth -- from micro greens to flowering plants!**

## GENERAL

- Automate spectrum and schedule for the entire stages of grow
- Remote power removes heat from grow area
- Incorporate a suite of full control/sensors such as RFID, door and window, Temp, Co2, Humidity, Soil Moisture and many more



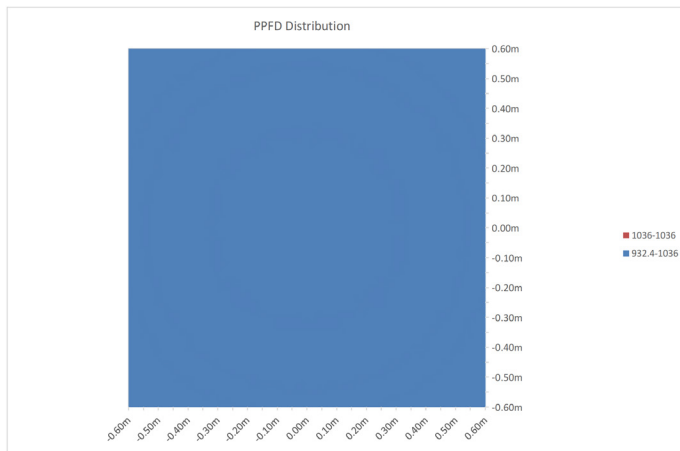
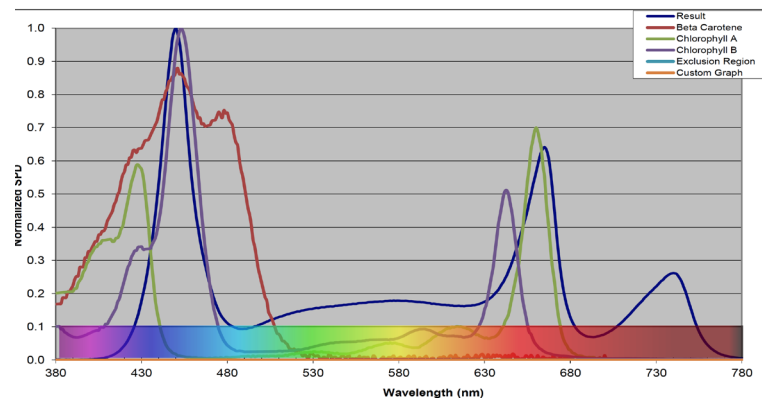
## PPFD and DLI Results

Average PPFD	1,792.71 $\mu\text{mol/s}$
Light source type	Distributed Source
Average Efficiency	2.68 -3.23 $\mu\text{mol/J}$
FWHM viewing angle	120.00 degrees
Average DLI	86.65 $\text{mol}/(\text{day m}^2)$
Optical Efficiency	100.00 %
Source Length	47 inches
Source Width	24 inches

## Unique Benefits

- Fully tunable spectrum
- Runs cool to touch without heat sink
- Ideal for both vertical and horizontal grows
- High moles/day enables multiple uses/day making it the low cost solution to lighting indoors
- Grow Lights in 2'x4', 1'x4', 1'x6' and 1'x8' formats
- Remote power supplies and full control environmental and building control systems

## Range of Tunable Spectrums



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[www.sunspectrum.ag](http://www.sunspectrum.ag)

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5 Year Limited Warranty