



SUN - T1 TUNABLE EMITTER

47" x 47"

Indoor Light Emitters
For CEA Growers

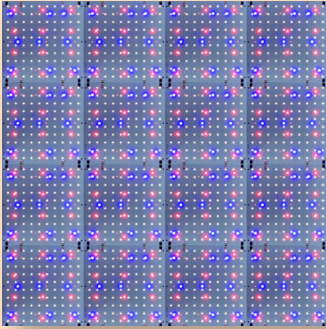
SPEC SHEET

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 light emitter!

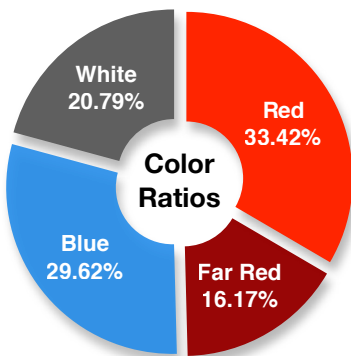
One emitter can be adjusted to virtually ANY light spectrum during each day and during the entire growing cycle.

- 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 flowering.

ONE emitter for ALL plants and ALL phases of growth -- from micro greens to flowering plants!

GENERAL

Total PPF 380-780nm	1,780.172 $\mu\text{mol/s}$
Average PPFD of Array	1002.900 $\mu\text{mol}/(\text{s m}^2)$
Average DLI of Array	86.65 $\text{mol}/(\text{day m}^2)$
Efficiency	2.23 $\mu\text{mol}/\text{J}$



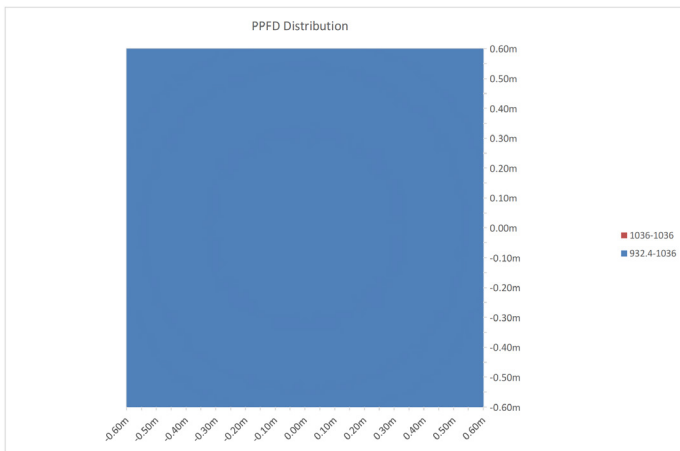
PPFD and DLI Results

PPF in PAR	1,492.71 $\mu\text{mol/s}$
Light source type	Distributed Source

Mounting height	6 inches
FWHM viewing angle	120.00 degrees
ON Hours per day	24.00 hours
Optical Efficiency	100.00 %
Source Length	47 inches
Source Width	47 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



Range of Tunable Spectrums

