# **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

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**DEVELOPERS** O

UNE LIGHTING

#### 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!

# **PPFD and DLI Results**

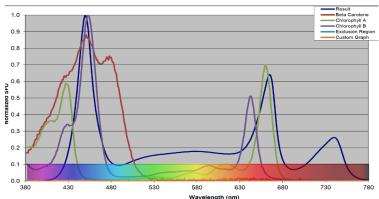
Average PPFD 1,792.71 µmol/s Light source type Distributed Source

Average Efficency FWHM viewing angle Average DLI Optical Efficiency Source Length Source Width 2.68 -3.23 µmol/J 120.00 degrees 86.65 mol/(day m^2) 100.00 % 47 inches 24 inches

## **Unique Benefits**

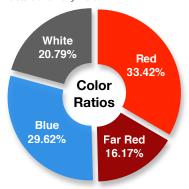
- Fully tunable spectrum
- Runs cool to touch without heat sink
- Ideal for both vertical and horizontal grows
- High moles/day enables multiple uses/day making it the low cost solution to lighting indoors
- Grow Lights in 2'x4', 1'x4',1'x6' and 1'x8' formats
- Remote power supplies and full control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

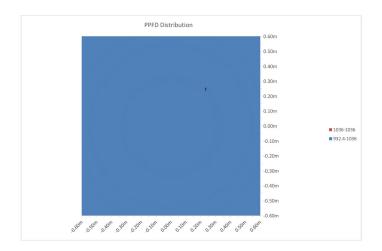
#### Range of Tunable Spectrums



#### GENERAL

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





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#### www.sunspectrum.ag

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