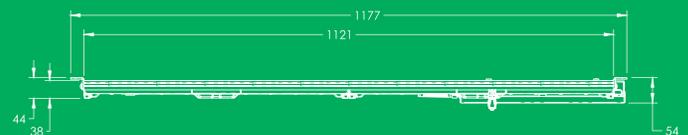
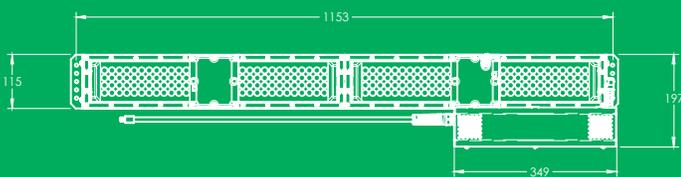


RAGING KALE

The **RAGING KALE** shines as a low-profile fixture for indoor and vertical farming. With an IP66 waterproof rating, wireless connectivity and patented optics, the **Kale** is the perfect solution for your early-stage growing needs. Designed in collaboration with some of the most demanding botanists, the **Kale** is the go-to fixture when you need a robust, powerful light at an affordable price.



POWER: 250w

INPUT VOLTAGE: 100 - 277V

AMPS: 120v-2.1 / 208v-1.2 / 277v-0.9

POWER FACTOR / EFFICIENCY: >0.9 / 93%

DIMENSIONS: 46" x 6" x 1.5"

WEIGHT: gen 1 = 15 lbs, gen 2 = 12 lbs.

WATERPROOF SEALING: IP66 Rating (entire light fixture)

CERTIFICATIONS / TESTING: UL, FCC, RoHS, CSA

UL1598, UL8750, UL8800, CSA C22.2 NO. 250.0-08, CSA C22.2 NO. 250.13

WARRANTY: 5 years

THERMAL MANAGEMENT: Passive - with active monitoring

SPECTRUM: Full spectrum white (cool & warm)

SECONDARY OPTICS: patented 120° lenses

DIMMING: full digital control of spectrum, recipes and scheduling

FLUX (PPF): 583 $\mu\text{mol/s}$

EFFICACY: 2.33 $\mu\text{mol/j}$

PPFD (suggested use): up to 537 $\mu\text{mol/m}^2/\text{s}$ over a 4'x3' canopy @ 12"

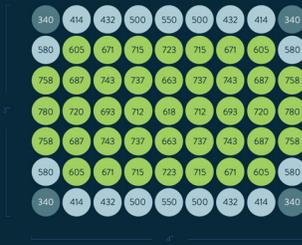
MAX COVERAGE AREA: Veg/Clone = up to 5'x4' Flower = up to 4'x2'

* Detailed PAR maps available at: www.scynceled.com

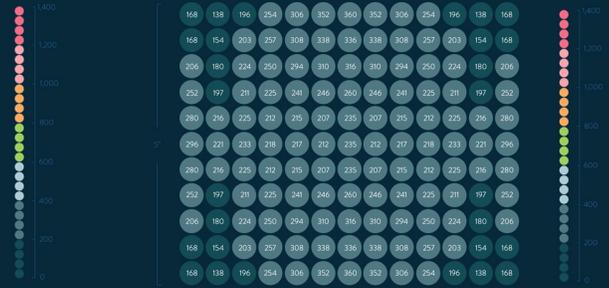
PAR MAPS:

PPFD ON THE CANOPY

* Coverage area and average PPFD assumes lights are being used in a room with an array/grid of lights or in a tent/room with reflective walls.



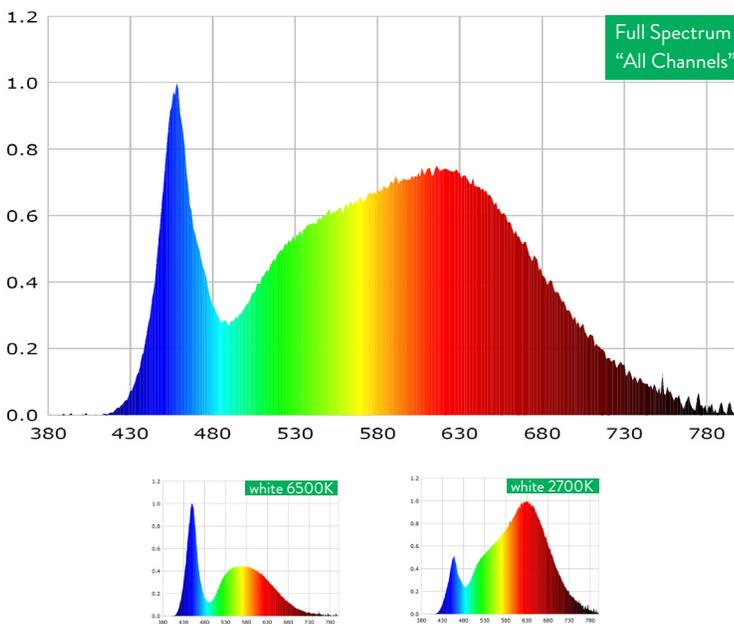
4x3 = 537 average PPFD



6x5 = 226 average PPFD

TUNABLE SPECTRUM

Scynce lights are fully adjustable, putting YOU in control of the spectrum.



SPECTRUM

The Raging Kale has 2 channels of LEDs: cool and warm white, combined to make a true full spectrum white light.

CONTROL

Connect wirelessly to gain complete control over the scheduling and spectrum. Dial in the exact recipe of light your plants need with Theia, our mobile app.

OPTICS

Our patented optics allow plants to see equal intensity light from all angles (similar to natural light), resulting in a larger growing surface with more density below the canopy. Optically focused light prevents hot or burned spots & minimizes off grid collateral light loss.

WIRELESS CONTROLS

Connect wirelessly to gain complete control over scheduling and spectrum. Dial in the exact recipe of light your plants need with Theia, our mobile app.

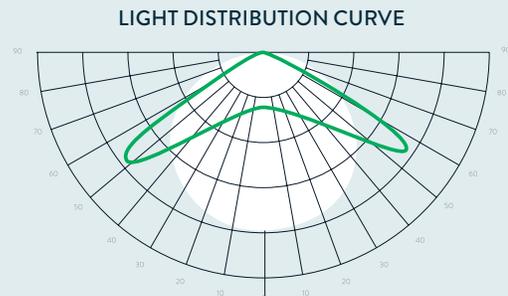
THEIA (thee-uhh)

- Android & iOS based app
- Group control lights via our wireless mesh network.
- Intensity / Dim to Zero
- Ramp on Time (sunset/sunrise)
- Time on and off / Scheduling
- Custom Spectrum & Recipes

PATENTED LIGHT DELIVERY

Our patented optics allow plants to see equal intensity light from all angles (similar to natural light), resulting in a larger growing surface with more density below the canopy while preventing hot spots, bleaching or burned leaves.

NO OPTICS
CONIC 120°



The Conic 120 degree optic is the ideal choice for vertical and indoor applications where the lights need to be mounted at a height between 6" and 36", providing an equal distribution of light over the canopy.

