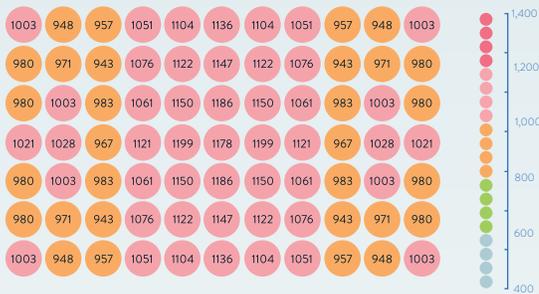




DRAGON *alpha*

The **DRAGON alpha** just changed the rules of the game. Never before has a grower had so much control. No matter what style or strain, the **alpha** can morph into exactly what you need and deliver every single time!

A light is nothing more than a tool of the trade. The best tools are able to be mastered and manipulated by the best growers to enhance their craft.



5'x3.5' canopy = 1040 average PPF@ 30" Height = 34watts/sf

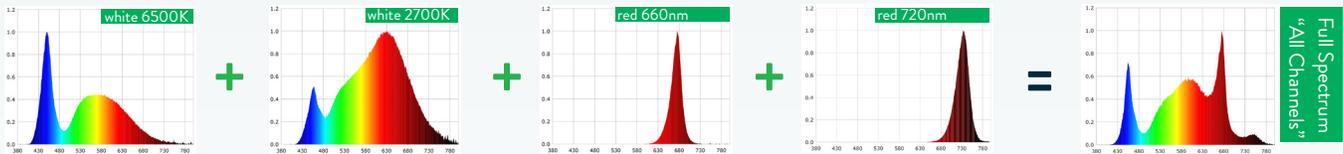
The **alpha** is the choice of craftsmen who need a high-output, small-footprint indoor warehouse, highbay or greenhouse solution.

LIGHT DELIVERY

Our patented optics allow plants to see equal intensity light from all angles (similar to sunlight), prevent hot/ burned spots and result in a larger growing surface with more density below the canopy.

FULL POWER SPECTRUM TUNING

The **alpha** is the first light to deliver full control over the spectrum without any loss of power. With up to 425 watts of any spectrum between 2700k and 6500k (warm to cool), you control what type of white light gets delivered to your plants. The red/far-red channel provides 175 watts of energy that can be evenly split, shifted to either 660nm or 720nm or completely turned off. The **alpha** produces 600 watts of **on-the-fly** customizable plant growing photonic power.



POWER: 600w **WHITE:** 425w / **RED:** 175w
INPUT VOLTAGE: 120 - 277V or 347 - 480v
AMPS: 120v-5 / 240v-2.5 / 277v-2.2 / 480v-1.25
POWER FACTOR: >95% **DAISY CHAIN:** Yes
DIMENSIONS: 44.5" x 8" x 5" **WEIGHT:** 25 lbs
WATERPROOF SEALING: IP66 Rating (entire light fixture)
THERMAL MANAGEMENT: Active - IP67 rated fan
CERTIFICATIONS / TESTING: UL, CSA, CE, FCC, RoHS

WARRANTY: 5 years
TUNABILITY: 4 color channels with *NEW* full power spectrum tuning
SPECTRUM: white (2700k and 6500k) and red (660 and 720nm)
SECONDARY OPTICS: Linear 70° (height over canopy is 24" to 72")
DIMMING: Wireless digital control of spectrum, recipes and scheduling
FIXTURE PPF: 1,482 $\mu\text{mol/s}$ **EFFICACY:** 2.47 $\mu\text{mol/j}$
PPFD: 1,040 $\mu\text{mol/m}^2/\text{s}$ average over a 17.5 sf canopy = 34 watts/sf
COVERAGE AREA: Flower = 5'x3.5' Veg/Mother = 6'x5'

