



The **DRAGON alpha** just changed the rules of the game. Never before has a grower had so much control. No matter what crop, 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.

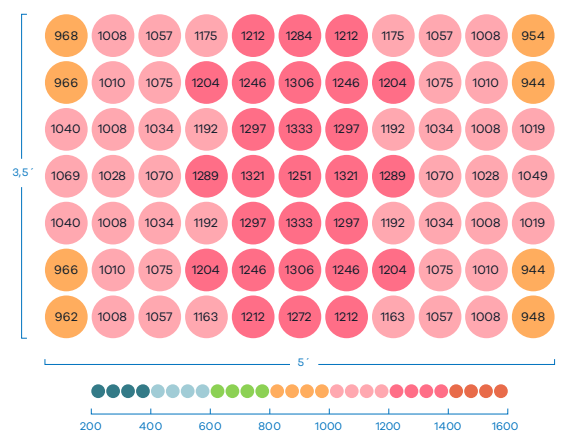
The **alpha** is the choice of craftsmen who need an all-in-one solution for high-output, small footprint, indoor warehouses, highbays or greenhouses.

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. #GrowDeep

Alpha II with linear 70° optics

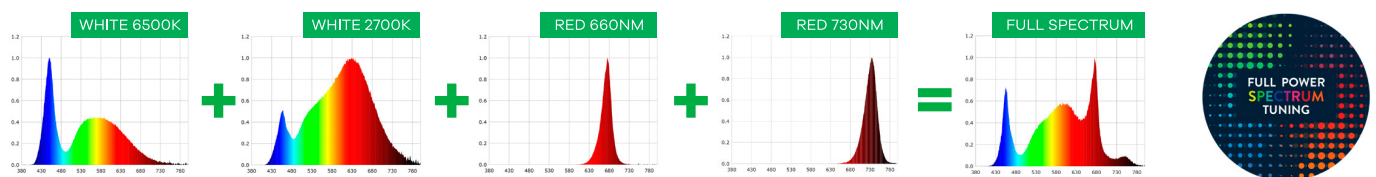
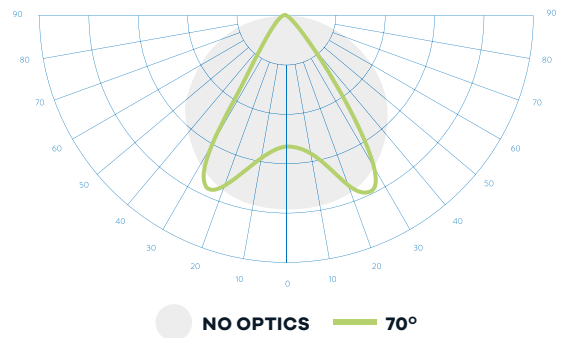
5' x 3.5' canopy = 1122 average PPFD
(24-30" height over canopy)



FULL POWER SPECTRUM TUNING

The **alpha** delivers full control over the spectrum without any loss of power. With up to 1,000 PPFD 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 over 600 PPFD of energy that can be evenly split between 660nm or 730nm or completely turned off. The **alpha** produces 1,613 PPFD of on-the-fly customizable plant growing photonic power.

Light distribution curve



POWER: 650w
INPUT VOLTAGE: 120 - 277V or 347 - 480v
AMPS: 120v-5.4 / 240v-2.7 / 277v-2.3 / 480v-1.35
POWER FACTOR: >95
CABLE MGMT: Yes
DIMENSIONS: 44.5" x 8" x 5"
WATERPROOF SEALING: IP66 Rating (entire light fixture)
THERMAL MANAGEMENT: Active - IP67 rated fan
MAX AMBIENT TEMP: 30° C
CERTIFICATIONS / TESTING: UL, CSA, CE, FCC, RoHS

WARRANTY: 5 years
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DIMMABLE: 10%-100%
P/N: Dragon Alpha II
WEIGHT: 25 lbs

TUNABILITY: 4 color channels with *NEW* full power spectrum tuning
SPECTRUM: white (2700k and 6500k) and red (660 and 730nm)
SECONDARY OPTICS: Linear 70 (height over canopy is 24" to 72")
CONTROL: Wireless digital control of spectrum, recipes and scheduling
FIXTURE PPFD: 1,613 μmol/s
EFFICACY: 2.48 umol/j
CHANNEL POWER: White = 490 watts Red = 160 watts
PPFD (suggested use): up to 1,122 μmol/m2/s over a 5'x3.5' (34 watts/sf)
PPFD (high DLI): up to 1,492 μmol/m2/s over a 4.5'x2.75' (52 watts/sf)
MAX COVERAGE AREA: Flower = 5.5'x4 Veg/Mother = 6'x5'

