

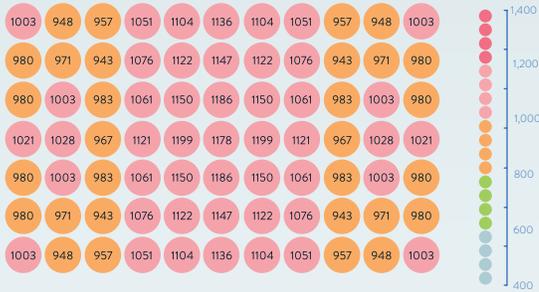


# DRAGON alpha

www.thedragonalpha.com



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.

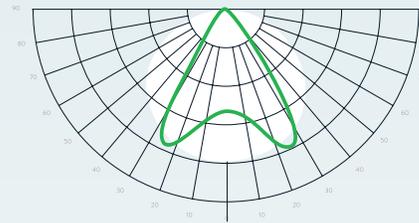


5'x3.5' canopy = 1040 average PPFD @ 30" Height = 34watts/sf

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 DISTRIBUTION CURVE

NO OPTICS  
LINEAR  
70°

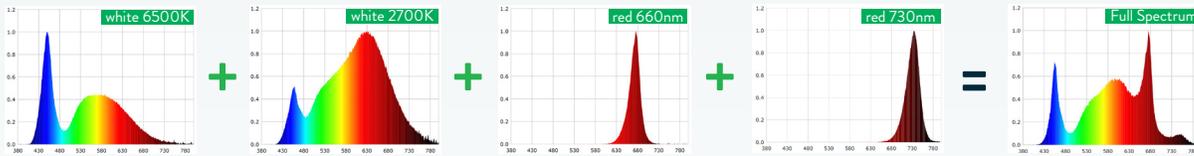


## LIGHT DELIVERY

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**

## 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 1,000 PPF 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 500 PPF of energy that can be evenly split between 660nm or 730nm or completely turned off. The **alpha** produces 1,482 PPF of **on-the-fly** customizable plant growing photonic power.



**POWER:** 600w

**WARRANTY:** 5 years

**INPUT VOLTAGE:** 120 - 277V or 347 - 480v

**AMPS:** 120v-5 / 240v-2.5 / 277v-2.2 / 480v-1.25

**POWER FACTOR:** >95% **CABLE MGMT:** Yes

**DIMENSIONS:** 44.5" x 8" x 5" **WEIGHT:** 25 lbs

**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

**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 PPF:** 1,482 μmol/s

**EFFICACY:** 2.47 umol/j

**CHANNEL PPF (μmol/s):** CW = 992 WW = 989 R = 518 FR = 305

**PPFD (suggested use):** up to 1,040 μmol/m2/s over a 5'x3.5' (34 watts/sf)

**MAX COVERAGE AREA:** Flower = 5'x4' Veg/Mother = 6'x5'

**P/N:** Dragon Alpha

SCYNCELED

