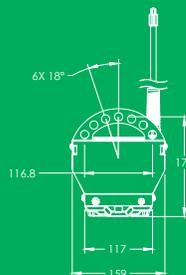
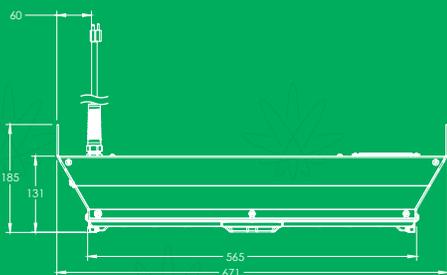


# DRAGON S *turbo*

HORTICULTURE  
LED LIGHT

The **DRAGON S turbo**, is a high output home grower or small commercial veg to flowering light. With 450 watts of power harnessed by our patented optical system, it projects more light onto and into the plant canopy than LEDs ever have before. The **S turbo** utilizes active cooling with specialized exhaust chambers that help promote transpiration while light is projected with unparalleled evenness, leaving *all* your plants happy and healthy.



**POWER:** 450w

**INPUT VOLTAGE:** 120 - 277V

**AMPS:** 120v-3.75 / 240v-1.9 / 277v-1.6

**POWER FACTOR / EFFICIENCY:** >0.9 / 93%

**DIMENSIONS:** 26.5" x 7" x 5"

**WEIGHT:** 22 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:** Active - IP67 rated fan

**SPECTRUM:** Full spectrum white (cool & warm) with both deep & far red

**SECONDARY OPTICS:** patented 120° lenses

**DIMMING:** full digital control of spectrum, recipes and scheduling

**FLUX (PPF):** 842  $\mu\text{mol/s}$

**EFFICACY:** 1.87  $\mu\text{mol/j}$

**PAR (PPFD):** up to 1,135  $\mu\text{mol/m}^2/\text{s}$  in a 3'x3' tent @ 15"

**COVERAGE AREA:** Flower = up to 4'x4' Veg/Clone = up to 5'x5'

\* Detailed PAR maps available at: [www.scynceled.com](http://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.



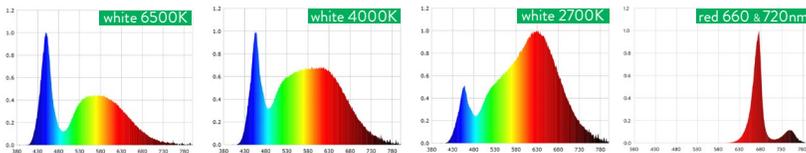
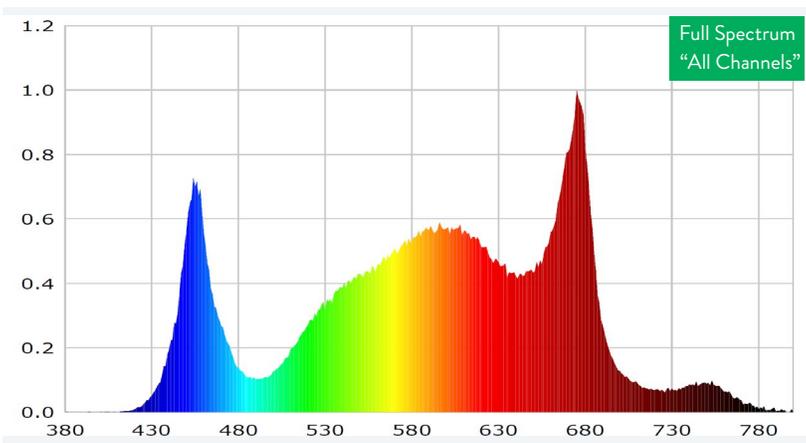
3x3 = 1,086 average PPFD



4x4 = 602 average PPFD

## TUNABLE SPECTRUM

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



## SPECTRUM

The DragonS has 4 channels of LEDs: cool, natural and warm white with a red kicker including both 660nm and 720nm for the Emerson effect.

## CONTROL

Connect through our proprietary wireless network to gain complete control over the 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)

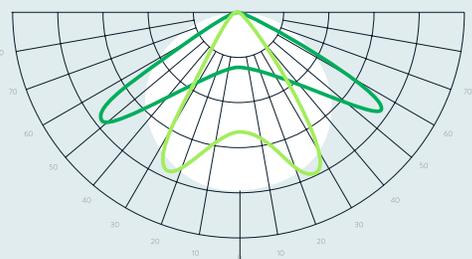
- Android & iOS based app
- Group control lights via our wireless mesh network.
- Intensity / Dim to Zero
- Ramp on Time (sunset/sunrise)
- Time on and off / Scheduling
- Custom Spectrum & Recipes

## 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.

### LIGHT DISTRIBUTION CURVE

120°  
70°  
NO OPTICS



The 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.

The 70 degree optic was designed for greenhouses (perfect as a supplemental light source) and indoor applications where the lights need to be mounted at heights between 4' up to 10' over the canopy.

