

## PHASER X660 PRO

The Phaser X660 Pro is designed for commercial horticulture. Using the highest quality diodes on the market along with the #1 driver on the market, the Phaser X660 Pro out-competes all other LED manufacturers.



### App Functions

- Controller available separately
- Dimmable from 10 – 100%
- Schedule timer
- Sunrise and sunset function
- Auto dimming heat protection
- Auto shutoff high temp protection
- 2 zones, 256 lights per zone
- App available in Apple Store

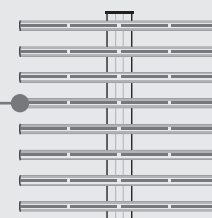


### Key Features

- Samsung and Osram diodes
- Auto sensing voltage of 120V, 240V, 277V
- 5 year warranty

### Dimensions

42" wide  
44.5" high



**640W**

INPUT POWER

**120V/240V/277V**

VOLTAGE

**1735 $\mu$ mol/s**

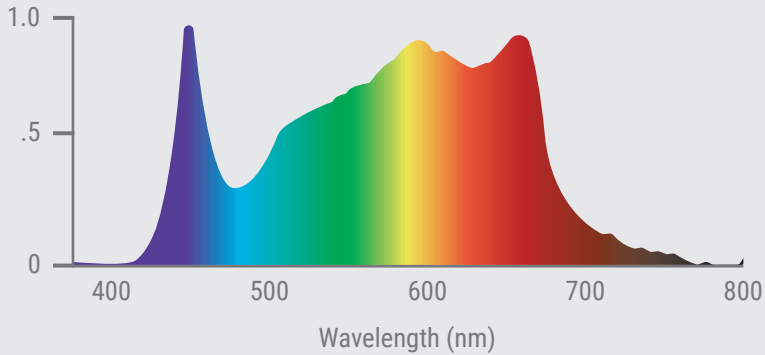
PPF



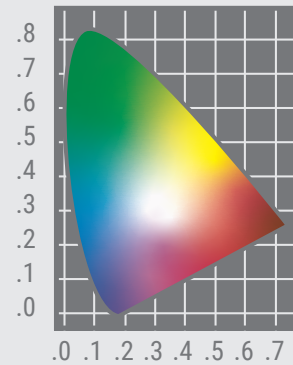
## PHASER X660 PRO

### Light Source Test

1.0 = 530mW/nm



### CIE1931 EVERFINE



X = 0.3887

Y = 0.3687

Tc = 3711K

### CIE Color Parameters:

Chromaticity Coordinate: x=0.3887 y=0.3687/u=0.2339 v=0.3328

CCT: Tc= 3711K Prop Wavel:  $\lambda_p$ =583.7nm Purity=27.3%

Peak Wavel:  $\lambda_p$  =660nm Half Width:  $\Delta\lambda$  23.6nm

Ratio:R=20.7% G=75.3% B=4.0%

Average Wage: 583nm

Rendering Index: Ra=93.7

R1=94 R2=97 R2=97 R3=97 R4=93 R5=94 R6=93 R7=94 R8=88

R9=73 R10=92 R10=92 R11=93 R12=77 R13=95 R14=98 R15=94

### Photo Parameters:

Flux:  $\Phi$ =5933.7 (lm) Luminous efficacy: 62.24 (lm/W)

Luminous Power: P=96.04 (W)

### Electrical Parameters:

U=233.4V I=0.432A P=95.3W PF=0.946

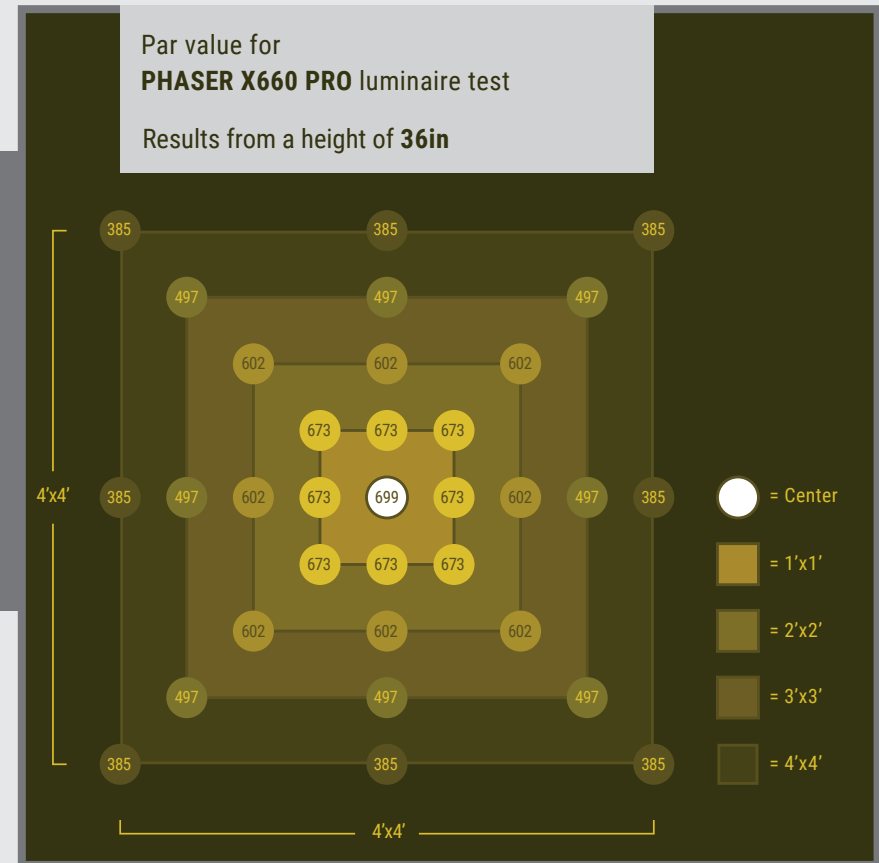
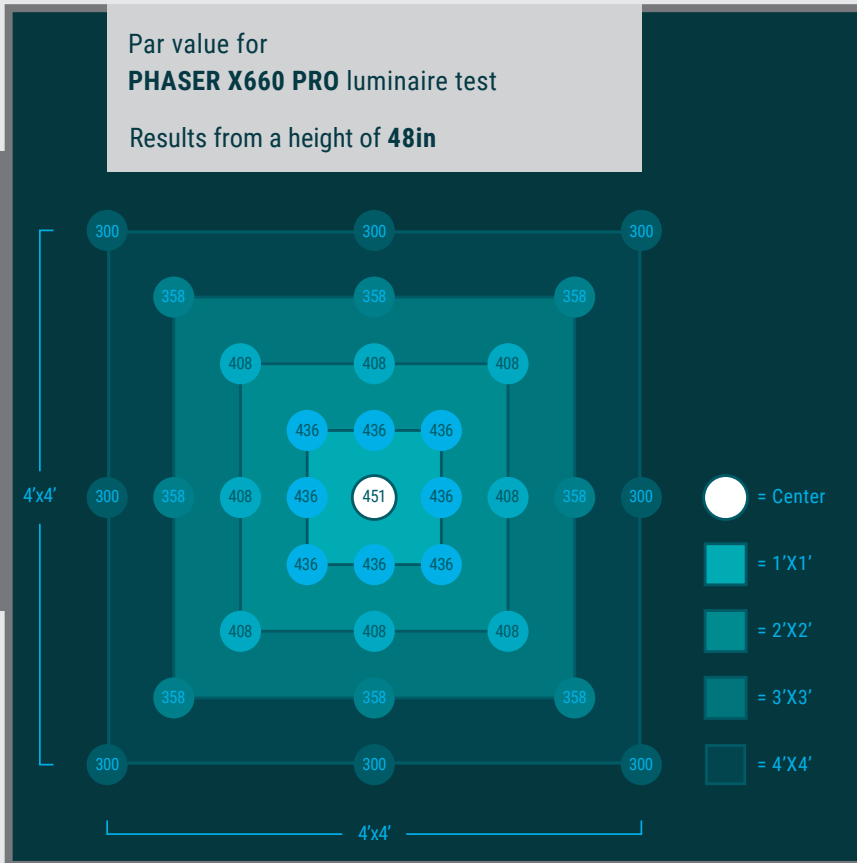
### Specifications

Spectrum	●	Full Spectrum
PPF	●	1735 $\mu$ mol/s
Input Power	●	640W
Efficacy	●	2.6 $\mu$ mol/J
Voltage	●	120V/240V/277V
Amp Draw	●	120V/5.5A, 240V/2.75A, 277V/2.38A
Cooling	●	Passive
Dimming	●	10 - 100%

Power Factor	●	.946
Ambient/Operating Temp.	●	25 $^{\circ}$ c
Fixture Dimensions / Weight	●	44.5" x 42" / 34lbs
Box Dimensions / Weight Recommend	●	48.5" x 12" x 14" / 40lbs
Mounting Height	●	6 - 12" above canopy
Cord Length	●	15ft
L90 Lifetime	●	>50,000 hours
Warranty	●	5 years

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### Par Map Test



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