

Surpasses ALL
LED Manufacturers

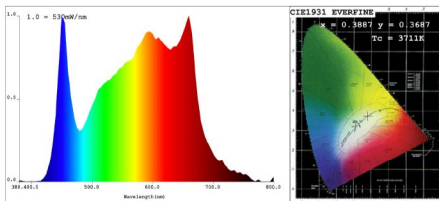


PHASER X660 PRO

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 any other LED manufacturers.



LIGHT SOURCE TEST



CIE Color Parameters:
 Chromaticity Coordinate: $x=0.3887$ $y=0.3687$ $u=0.2339$ $v=0.3328$
 CCT: $T_c=3711K$ Proc Wavel: $\lambda_p=583.7nm$ Purity=27.3%
 Peak Wavel: $\lambda_p=650nm$ Half Width: $\Delta\lambda=23.6nm$ Ratio: $R=20.7\%$ $G=75.3\%$ $B=4.0\%$
 Average Wavel: 583nm
 Rendering Index: $Ra=93.7$
 R1 =94 R2 =97 R3 =97 R4 =93 R5 =94 R6 =93 R7 =94 R8 =88
 R9 =73 R10=92 R11=93 R12=77 R13=95 R14=98 R15=94

Photo Parameters:
 Flux: $\Phi_v=5933.7(lm)$ Luminous efficacy: 62.24 (lm/W) Luminous Power: $P=96.04(W)$

Electrical Parameters:
 $U=233.4V$ $I=0.432A$ $P=95.3W$ $PF=0.946$

Instrument Status: Scan Range: 380.0nm-800.0nm Interval: 1.50nm $\lambda_p = 583.7nm$
 Resolution: 4nm $\lambda = -1.315\%$ $TMP (T_c) = 34.96degrees$ centigrade

KEY FEATURES

- Samsung and Osram Diodes
- Auto sensing voltage of 120V, 240V, 277V
- 5 Year Warranty

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



APPROVED



PHASER X660 PRO

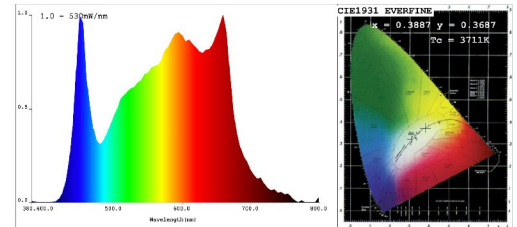


SPECIFICATIONS

Spectrum:	Full Spectrum
PPF	1535 $\mu\text{mol/s}$
Input Power	660w
Efficacy	2.4 $\mu\text{mol/J}$
Voltage	120V/240V/277V
Amp Draw	120V/5.5A, 240V/2.75A, 277V/2.38A
Cooling	Passive
Dimming	10-100%
Power Factor	.946
Max Operation Temp	25°C
Fixture Dimensions / Weight	44.5" x 42" / 34 lbs
Box Dimensions / Weight Recommend	48.5" x 12 x 14 / 40 lbs
Mounting Height	8-12" Above Canopy
Cord Length	6 feet
Warranty	5 Year



LIGHT SOURCE TEST



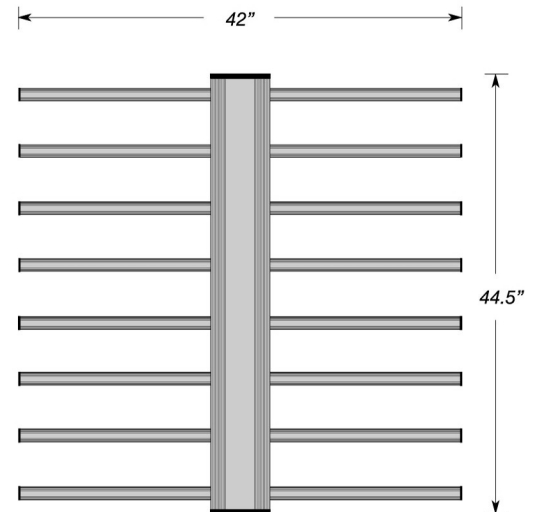
CIE Color Parameters:
 Chromaticity Coordinates: $x=0.3887$ $y=0.3687$ $u=0.2339$ $v=0.3328$
 CCT: $T_c=3711K$ Proc Wavel: $\lambda_p=583.7nm$ Purity: 27.3%
 Peak Wavel: $\lambda_p=660nm$ Half Width: $\lambda_{1/2}=23.6nm$ Ratio: $R=20.7\%$ $G=75.3\%$ $B=4.0\%$
 Average Wavel: 583nm
 Rendering Index: $Ra=93.7$
 R1 =94 R2 =97 R3 =97 R4 =93 R5 =94 R6 =93 R7 =94 R8 =88
 R9 =73 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:
 $U=233.4V$ $I=0.432A$ $P=95.3W$ $PF=0.946$

Instrument Status:
 Scan Range: 380.0nm-800.0nm Interval: 5.0nm $I_p = 52385$
 RSP = 4287 $\lambda = -1.315\%$ TBP (FWHM) = 34.9degrees centigrade

DIMENSIONS



[HTTPS://SPECTRELED.COM](https://spectreled.com)

Based on 277 voltage. $\pm 10\%$ Tolerance. Subject to change without notice