

Surpasses ALL
LED Manufacturers

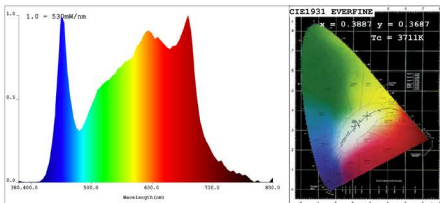


INFINITY 150

Infinity 150 is designed for commercial horticulture. Using the highest quality diodes on the market along with the #1 driver on the market, the Infinity 150 out competes any other LED manufacturers.



LIGHT SOURCE TEST



CIE Color Parameters:
 Chromaticity Coordinate: $x=0.3687$ $y=0.3687/u=0.2339$ $v=0.3328$
 CCT: $T_c = 3711K$ F_{cp} Wavel: $\lambda_p=583.7nm$ Purity=27.3%
 Peak Wavel: $\lambda_p=660nm$ Half Width: $\lambda_{23.6nm}$ Ratio: $R=20.7\%$ $G=75.3\%$ $B=4.0\%$
 Average Wavel: 583nm
 Rendering Index: $R_a=93.7$
 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: $P_v=96.04(W)$

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

Instrument Status: Scan Range: 380.0nm-800.0nm Interval: 1.0nm
 REF = 4297 $\lambda = -1.315\%$ $T_p = 52385$
 THD (RNT) = 34.94degrees centigrade

KEY FEATURES

- 7th Generation Proprietary LED Diodes
- Produces 30% more light than a 315W CMH
- Auto sensing voltage of 120V, 240V, 277V
- Slimlight design for greenhouse applications
- 5 Year Warranty

APPROVED



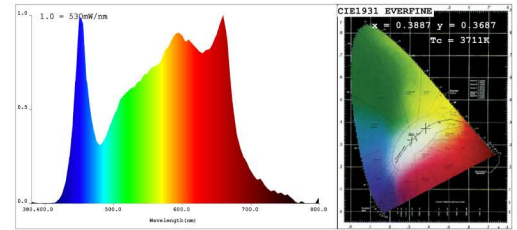
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SPECIFICATIONS

Total PPF	285.69
Input Power	150W
Efficacy	1.9 umol/J
Voltage / Amp	277VAC
Cooling	Passive
Dimming	Not Available
Power Factor	>93%
Max Operation Temp	25°C
Fixture Dimensions	10" x 5.25" x 3.75"
Mounting Height	18" Above Canopy
Cord Length	8 Feet
Warranty	5 Years

LIGHT SOURCE TEST



CIE Color Parameters:
 Chromaticity Coordinates: $x=0.3887$ $y=0.3687/u=0.2339$ $v=0.3328$
 CCT: $T_c = 3711K$ $\lambda_p = 583.7nm$ Purity: 27.3%
 Peak Wave: $\lambda_p = 583nm$ Half Width: $\lambda_{1/2} = 23.6nm$ Ratio: $R=20.7\%$ $G=75.3\%$ $B=4.0\%$
 Average Wave: 583nm
 Rendering Index: $R_a = 93.7$
 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 RZF = 4287 $\lambda = -1.315\%$ Ip = 52385 TSP (PW2) = 34.9degrees centigrade

DIMENSIONS

