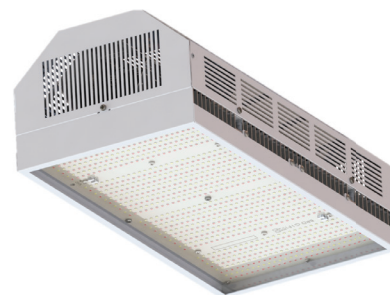
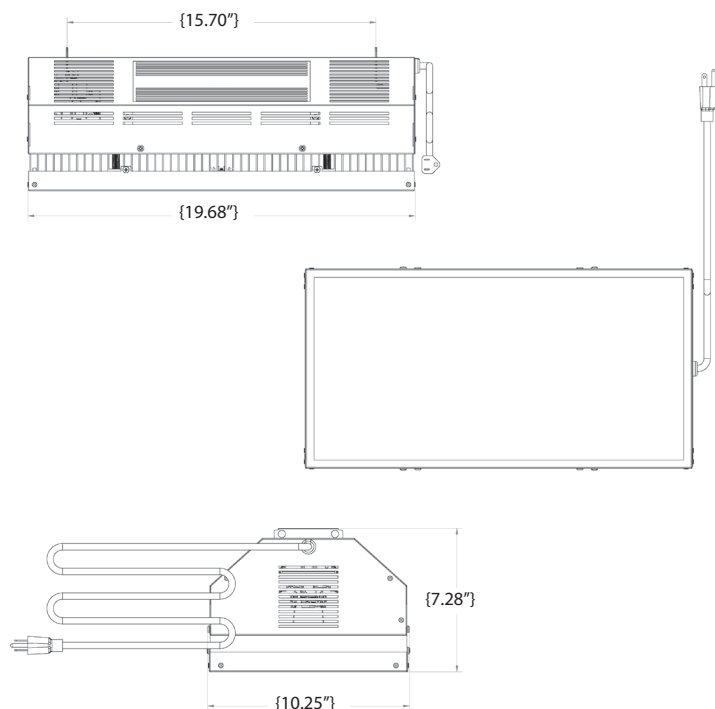


FEATURES

- » Replaces a 1000W DE 1:1
- » Ideally Suited for GH Supplemental or Indoor Top Lighting
- » Industry Leading Performance
- » Patented Tunable Spectrum (USPN 9,820,447; 10,159,198; CAPN CA 2994308C)
- » Natural White Light
- » Patent Pending Thermal Solution
- » Powder Coated Aluminum Housing
- » UL1598D Horticulture Approved
- » Made in the USA

DIMENSIONS



SPECIFICATIONS

Light Source
LED

Spectra
Patented Multi-White Daylight Analog

Efficacy (640W)
2.0 $\mu\text{mol/J}$

PPF (640W)
1280 μmol

Input Power
640W MAX

Input Voltage / Current (640W) 120
@5.3A | 240 @ 2.7A | 277 @ 2.3A

L/H/W | Weight
19.68" / 7.28" / 10.25" | 15lbs

Mounting Height
>36 Inches Above Canopy

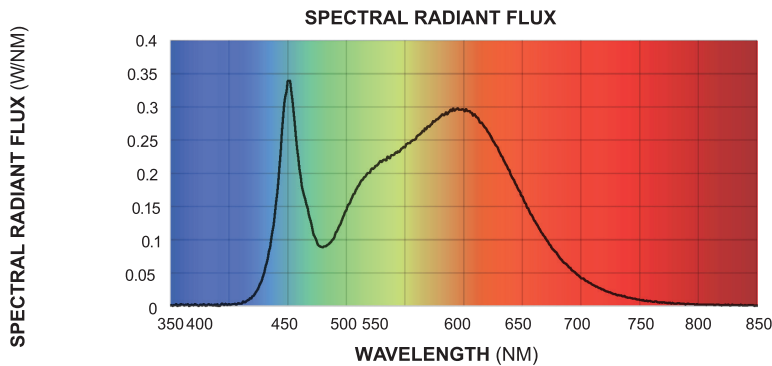
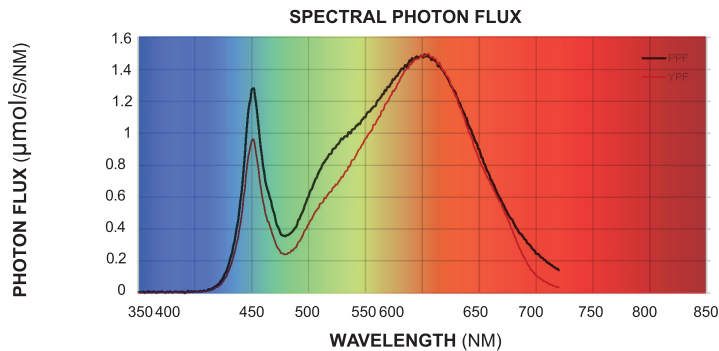
Operating Temperature
0F ~ 90F

Thermal Management
PATENT PENDING INFINITE LIFE AIR MOVER

Dimming
0-10V / PWM

Lifetime per TM21 L70 / L90
80K hrs / 25K hrs

Warranty
5 Year Standard Warranty



WAVELENGTH RANGE (NM)	PHOTON FLUX mol/SEC
350 - 360	0.309428
360 - 370	0.349855
370 - 380	0.855815
380 - 390	2.767791
390 - 400	2.073109
400 - 410	0.847787
410 - 420	1.436211
420 - 430	4.914774
430 - 440	14.775535
440 - 450	36.382552
450 - 460	39.087795
460 - 470	21.424443
470 - 480	14.980032
480 - 490	16.940827
490 - 500	23.280355
500 - 510	29.828746
510 - 520	34.377020
520 - 530	37.940789
530 - 540	41.832437
540 - 550	46.578273
550 - 560	52.221848
560 - 570	58.830638
570 - 580	66.308024
580 - 590	73.497176

WAVELENGTH RANGE (NM)	PHOTON FLUX mol/SEC
590 - 600	78.971500
600 - 610	81.174454
610 - 620	79.316997
620 - 630	73.759685
630 - 640	65.522698
640 - 650	55.820996
650 - 660	45.954216
660 - 670	36.687032
670 - 680	28.638667
680 - 690	21.974312
690 - 700	16.599117
700 - 710	12.444757
710 - 720	9.283270
720 - 730	6.910731
730 - 740	5.119883
740 - 750	3.792827
750 - 760	2.826129
760 - 770	2.113884
770 - 780	1.582914
780 - 790	1.191579
790 - 800	0.904732

Model	Power	Spectrum	Input Voltage	Cord/ Plug
FGL1	640	BL= Bloom VG= Veg UN= Universal	LV= 90~305VAC (standard) HV= 180~528VAC	#= Cord Length (10' standard) #N5= 5-15P #N6= 6-15P #L7= L7-15P #W= Whip (no plug)