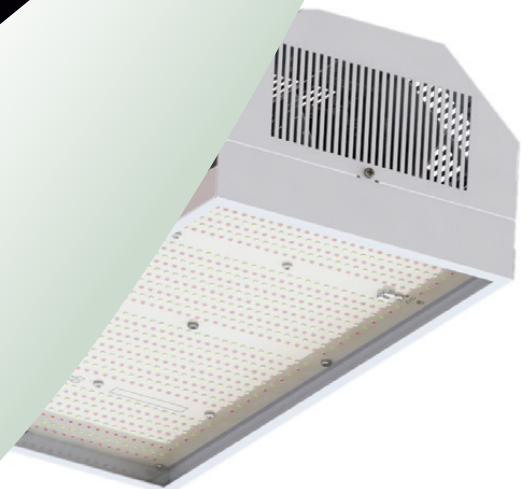




PRODUCT GUIDE

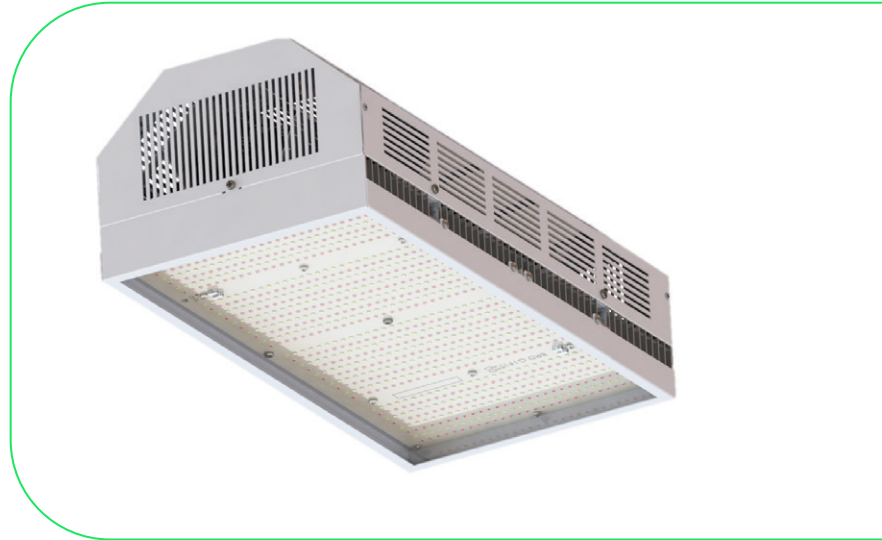
lunacultivation.com

daniel@lunacultivation.com

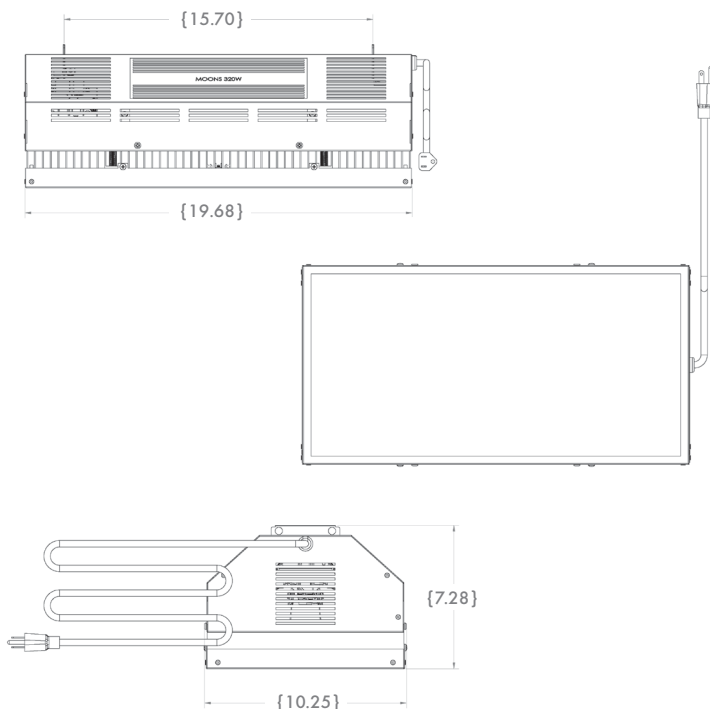


FEATURES

- » Industry leading performance
- » Replaces a 1000W DE 1:1
- » Patented spectrum
- » Natural white light
- » Tunable spectrum
- » Patent pending thermal solution
- » Ideally suited for GH supplemental
- » Powder coated aluminum housing
- » Made in the USA



DIMENSIONS



SPECIFICATIONS

Light Source

LED

Spectra

Patent 5150

Efficacy (445W)

2.0 $\mu\text{mol}/\text{J}$

PPF (660W)

1280 μmol

Input Power

640W Max

Input Voltage/Current (660W)

120@3.7A | 240 @1.87A | 277 @1.67A

Dimensions (l/w/h/weight)

20/10/6/15lbs

Mounting Height

>36 Inches

Operating Temperature

0F ~ 90F

Thermal Management

Patent Pending Infinite Life Air Mover

Dimming

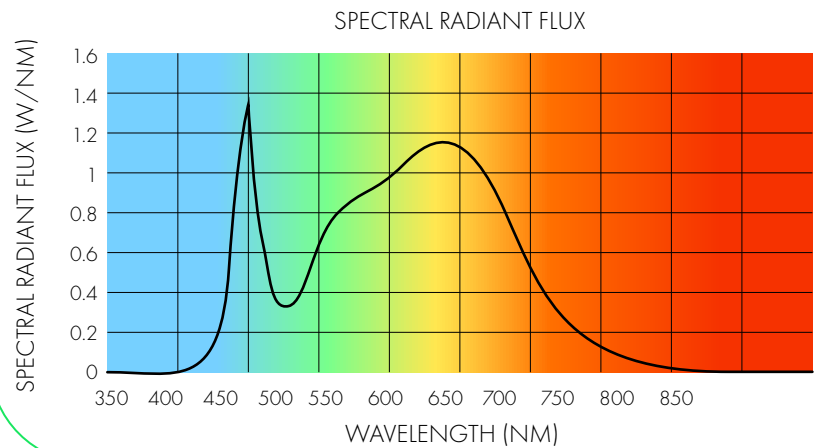
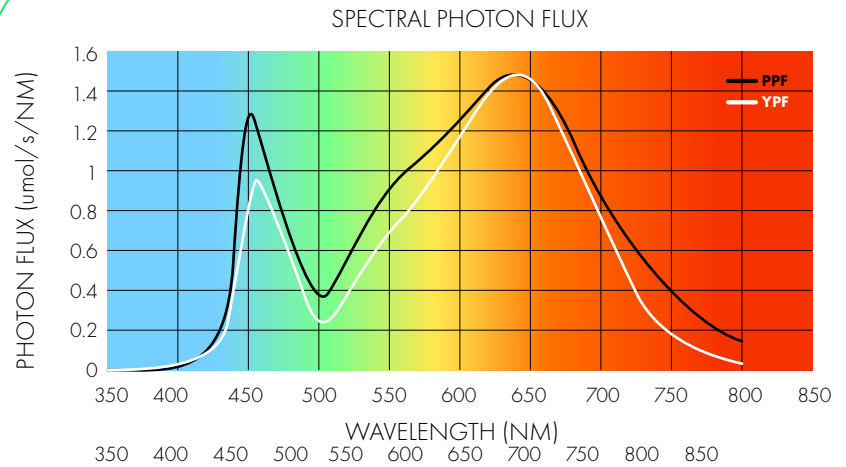
0-10V/PWM

Lifetime per TM21 L70/L90

80K hrs/25K hrs

	WAVELENGTH RANGE (NM)	PHOTON FLUX ($\mu\text{mol}/\text{SEC}$)
ORANGE	590 - 600	78.971500
	600 - 610	81.174454
	610 - 620	79.316997
	620 - 630	73.759685
	630 - 640	65.522698
RED	640 - 650	55.820996
	650 - 660	45.954216
	660 - 670	36.687032
	670 - 680	28.638667
	680 - 690	21.974312
INFARED	690 - 700	16.599117
	700 - 710	12.44757
	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

	WAVELENGTH RANGE (NM)	PHOTON FLUX ($\mu\text{mol}/\text{SEC}$)
UVA	350 - 360	0.309428
	360 - 370	0.349855
	370 - 380	0.855815
	380 - 390	2.767791
	390 - 400	2.073109
VIOLET	400 - 410	0.847787
	410 - 420	1.436211
	420 - 430	4.914774
	430 - 440	14.775535
	440 - 450	36.382552
BLUE	450 - 460	39.087795
	460 - 470	21.42443
	470 - 480	14.980032
	480 - 490	16.940827
CYAN	490 - 500	23.280355
	500 - 510	29.828746
	510 - 520	34.377020
GREEN	520 - 530	37.940789
	530 - 540	41.832437
	540 - 550	46.578273
	550 - 560	52.221848
YELLOW	560 - 570	58.830638
	570 - 580	66.308024
	580 - 590	73.497176



Family	Power	Spectrum	Input Voltage	Cord
CT141	640	B = Bloom V = Veg U = Universal	ST = 90-305VAC HV = 180-528VAC	# = Cord Length (10' Standard) #W = Whip (no plug) #N5 = 5-15P #N6 = 6-15P (standard)