

Features:

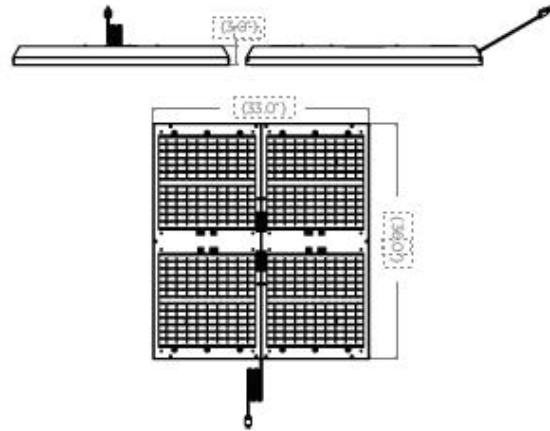
- Industry Leading Performance
- Industry Standard Footprint
- Fully Customizable to Suit Individual Growing Styles
- Natural White Light
- Patented Tunable Spectrum (USPN 9,820,447; 10,159,198; CAPN CA2994308C)
- Optional 385nm/660nm Kicker
- Powder Coated Aluminum Housing
- UL8800 Horticultural Approval
- Made in the USA

Warranty/Listing:

- 10-year standard warranty.



Dimensions:



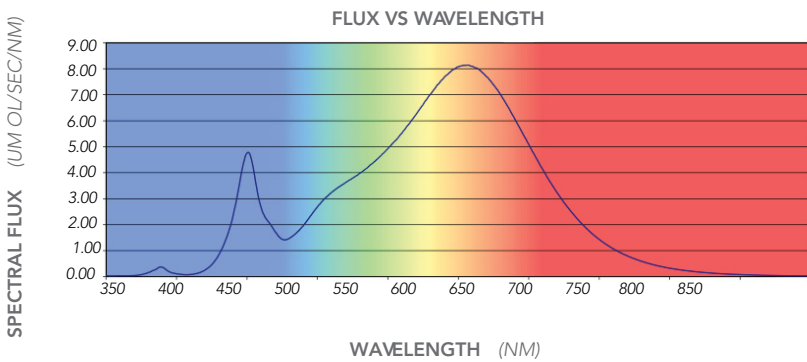
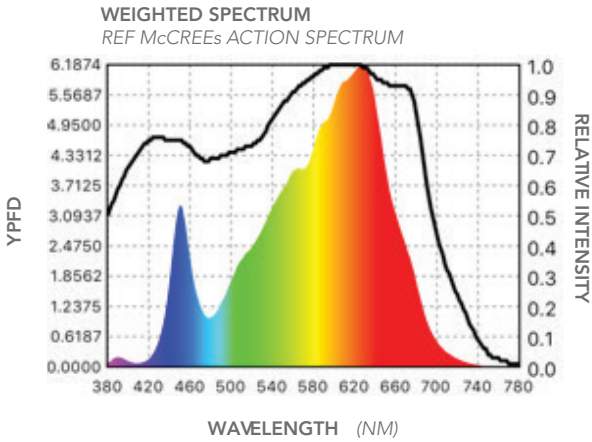
Specifications:

Light Source	L/H/W Weight
LED	33" / 2.5" / 36" 22lbs
Spectra	Mounting Height
Multi-White Daylight Analog	18 Inches Above Canopy
Spectra Efficacy (660W)	Operating Temperature
2.34 μmol/J	0°C - 40°C
PPF (660W)	Thermal Management
1388 μmol	Passive Connection
Input Power	Dimming
660W MAX	0-10V / PWM / Dim-to-Off
Input Voltage / Current (660W)	Lifetime per TM21 L70 / L90
120 @5.5A 240 @ 2.8A 277 @ 2.4A	80K hrs / 35K hrs

Length	Height	Width	Weight
33"	2.5"	36"	22 lbs.



Electrical Data:



	WAVELENGTH RANGE (NM)	PHOTON FLUX (UMOL/SEC)
UVA	380 - 390	3.01678
	390 - 400	1.942521
	400 - 410	0.612087
	410 - 420	0.949889
VIOLET	420 - 430	3.460108
	430 - 440	12.0363
	440 - 450	38.19757
	450 - 460	46.98837
BLUE	460 - 470	28.05731
	470 - 480	18.29606
	480 - 490	18.3791
	490 - 500	25.25107
CYAN	500 - 510	34.62888
	510 - 520	42.18497
	520 - 530	47.46799
	530 - 540	51.72017
GREEN	540 - 550	56.16792
	550 - 560	61.78926
	560 - 570	69.103
	570 - 580	77.60798
YELLOW	580 - 590	85.98498

	WAVELENGTH RANGE (NM)	PHOTON FLUX (UMOL/SEC)
ORANGE	590 - 600	92.38846
	600 - 610	94.54355
	610 - 620	92.10387
	620 - 630	85.1003
RED	630 - 640	75.21533
	640 - 650	63.24295
	650 - 660	51.55666
	660 - 670	40.30801
INFRARED	670 - 680	30.99211
	680 - 690	23.94367
	690 - 700	18.00129
	700 - 710	13.42406
INFRARED	710 - 720	9.884298
	720 - 730	7.291906
	730 - 740	5.425936
	740 - 750	4.064828
	750 - 760	3.045051
	760 - 770	2.32743
	770 - 780	1.872185



Project Name	
Catalog #	
Job Type	
Prepared By	
Notes	

Fixture Ordering Information

Model	Power		Spectrum		Input Voltage		Cord	
LL-ZB	660	660W	BX	Bloom with no kicker	ST	90-305VAC (standard)	#	Length (10' standard)
			BU	Bloom with UV kicker	HV	180-528VAC	#W	Whip (no plug)
			BR	Bloom with red kicker			#N5	5-15P
			UX	Universal with no kicker			#N6	6-15P
			UU	Universal with UV kicker			#L7	L7-15P
			UR	Universal with red kicker				