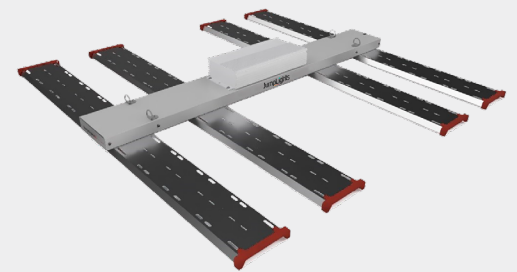




The BudKicker™ Over-Canopy Light is a better, high-intensity LED grow light for flower rooms. Improve your plants' conversion of visible light with Far-Red light, which comes standard with both available spectrum options. With more light output and a better, more complete spectrum, the BudKicker™ produces substantially more grams per square foot of premium flower.

This high-intensity light comes in four power levels to fit within your power and HVAC budget. All options are standard 0-10V dimmable for even more power control. Choose between the White spectrum (W), which has a natural look and promotes great weight, and the New Blue spectrum (NB), which limits stretch in the early transition from vegetation to flower and promotes stress-induced characteristics. An efficient full-spectrum total efficacy of up to 2.8 delivers up to 2,274 $\mu\text{mol}\cdot\text{s}^{-1}$ of light intensity — driving your plants to put lots of weight into high-quality flowers.

The BudKicker™ shines in single-tier applications as a retrofit or new build. It is especially potent in multi-tier applications because it's brighter than other LEDs. The unique geometric design increases light penetration into the canopy by shining light at a multitude of angles and from dispersed locations, all from as close as 20" from the canopy. This safe, UL 8800 Certified, wet-rated light is made in America and carries a 5-year warranty. It's easy to install and drives plants to produce their best.



Features/Benefits

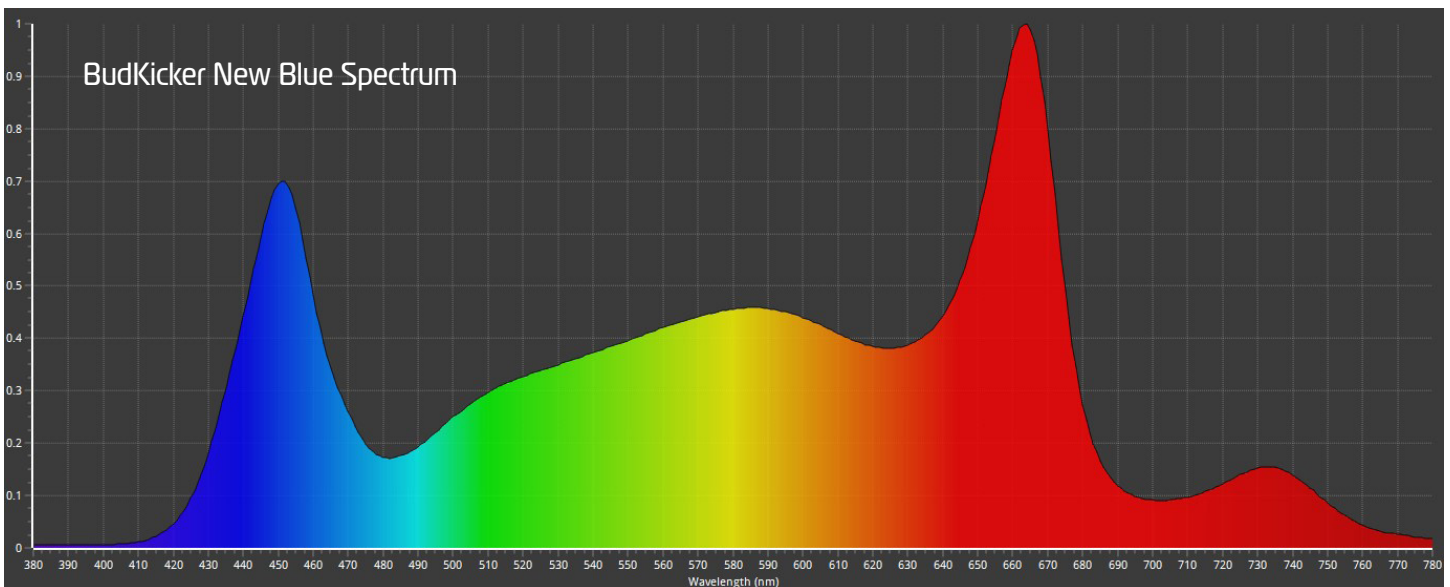
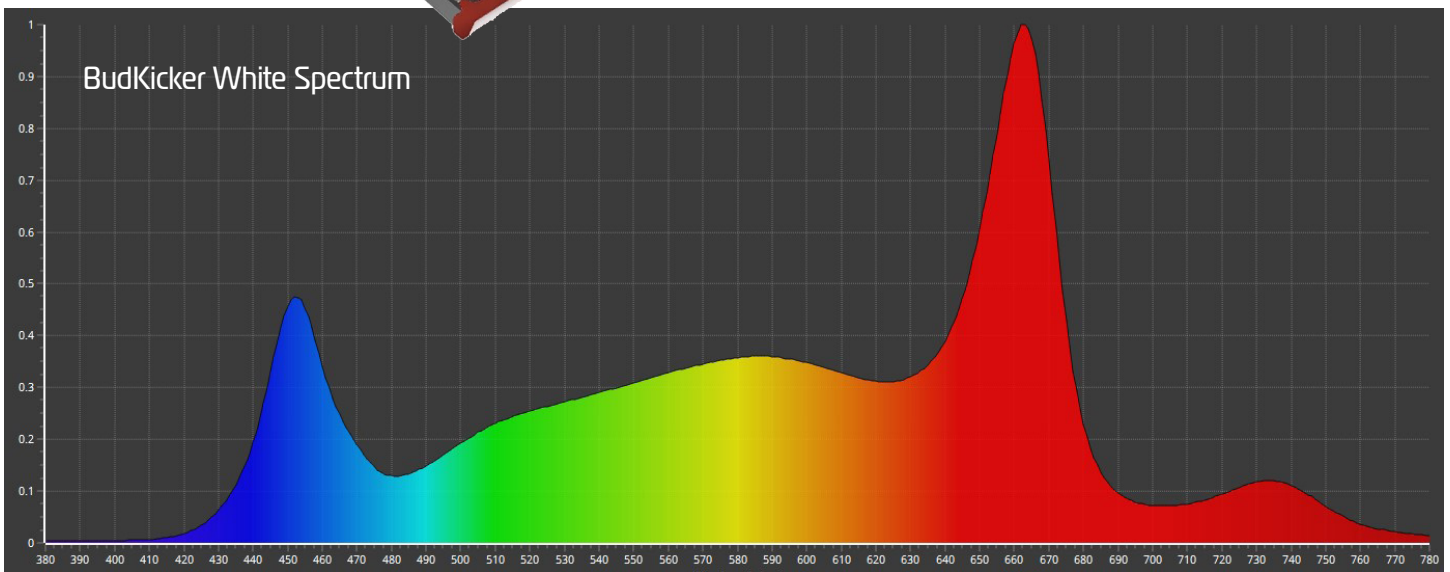
- Uses enhanced Emerson-effect by emitting Far-Red to boost spectral synergy, standard on both spectra
- Puts out more light output with a better, more complete spectrum than HPS and other LEDs
- Maximize plant growth within your power budget with multiple AC power options: 680W, 750W, 785W, 850W
- Choose between spectrums of natural White (W) and stretch-limiting, stress-inducing New Blue (NB)
- Exceptional efficacy for complete spectrum of up to 2.8 $\mu\text{mol}\cdot\text{J}^{-1}$
- 5-year warranty, Made in the USA

Specifications

	BudKicker 680	BudKicker 750	BudKicker 785	BudKicker 850
Dimensions	39.75"W x 39.75"L x 4"H	39.75"W x 39.75"L x 4"H	39.75"W x 39.75"L x 4"H	39.75"W x 39.75"L x 4"H
Weight	15.2 lbs	15.2 lbs	15.2 lbs	15.2 lbs
Input Voltage	220 – 277 VAC	220 – 277 VAC	220 – 277 VAC	220 – 277 VAC
Dimming	0-10 V, Dim to Off, Wired with LLT M12Waterproof Connector	0-10 V, Dim to Off, Wired with LLT M12Waterproof Connector	0-10 V, Dim to Off, Wired with LLT M12Waterproof Connector	0-10 V, Dim to Off, Wired with LLT M12Waterproof Connector
Certifications	UL 8800 Wet Location Certified, Designed for DLC Certification ¹	UL 8800 Wet Location Certified, DLC Certified	UL 8800 Wet Location Certified, Designed for DLC Certification ¹	UL 8800 Wet Location Certified, DLC Certified
Warranty	5 Years, Parts & Labor	5 Years, Parts & Labor	5 Years, Parts & Labor	5 Years, Parts & Labor
Max Ambient Temperature	40° C	40° C	40° C	40° C
Controlled Environment	Indoor Stacked (2 tier) and Non-stacked Lighting Scheme – Top Light, Sole Source	Indoor Stacked (2 tier) and Non-stacked Lighting Scheme – Top Light, Sole Source	Indoor Stacked (2 tier) and Non-stacked Lighting Scheme – Top Light, Sole Source	Indoor Stacked (2 tier) and Non-stacked Lighting Scheme – Top Light, Sole Source
White Spectrum²				
Total Flux – PBAR 350-800nm (µmol/s) Includes Far Red	1,895	2,129	2,188	2,274
Flux – PPF 400-700 nm (µmol/s)	1,783	2,003	2,058	2,140
Efficacy – Total (µmol/J) Includes Far Red	2.8	2.8	2.8	2.7
Efficacy – PPF (µmol/J)	2.7	2.6	2.6	2.6
Power – Full (Watts)	670	766	785	838
New Blue Spectrum²				
Total Flux – PBAR 350-800nm (µmol/s) Includes Far Red	1,892	2,126	2,180	2,266
Flux – PPF 400-700 nm (µmol/s)	1,780	2,000	2,051	2,132
Efficacy – Total (µmol/J) Includes Far Red	2.8	2.7	2.7	2.7
Efficacy – PPF (µmol/J)	2.6	2.6	2.6	2.5
Power – Full (Watts)	680	777	795	850

¹ BudKicker 680 and 785 are reduced power versions of DLC Certified 750 and 850

² This light produces Far Red Photon Flux which is highly beneficial to flowering plants but is not included in the PPF range of 400-700nm. This makes Total Flux and Efficacy–Total more meaningful specifications than Flux–PPF and Efficacy–PPF



BudKicker Fall Pattern

4' x 8' light intensity grid for the BudKicker light at max power 21" from the canopy

542	685	784	815	824	815	784	685	542
621	801	908	939	938	939	908	801	621
687	897	1015	1042	1039	1042	1015	897	687
669	882	1006	1030	1024	1030	1006	882	669
747	974	1106	1139	1138	1139	1106	974	747
772	1004	1142	1176	1173	1176	1142	1004	772
781	1016	1154	1188	1187	1188	1154	1016	781
775	1001	1137	1179	1177	1179	1137	1001	775
763	978	1118	1158	1164	1158	1118	978	763
775	1001	1137	1179	1177	1179	1137	1001	775
781	1016	1154	1188	1187	1188	1154	1016	781
772	1004	1142	1176	1173	1176	1142	1004	772
747	974	1106	1139	1138	1139	1106	974	747
669	882	1006	1030	1024	1030	1006	882	669
687	897	1015	1042	1039	1042	1015	897	687
621	801	908	939	938	939	908	801	621
542	685	784	815	824	815	784	685	542

