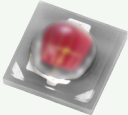
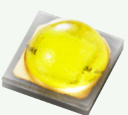


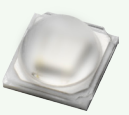
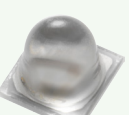


EVERLIGHT Color LEDs Selection EVERLIGHT UV LED Selections

High Power 3535 1W 350mA 3V

Picture	Color	Wavelength	Performance
 	● Far Red 	715-745 nm	380 mW
	● Deep Red 	645-675 nm	440 mW
	● Royal Blue 	450-460 nm	665 mW
	● Red	620-630 nm	85 lm
	● Orange	610-620 nm	94 lm
	● Amber	585-595 nm	75 lm
	● Green	515-525 nm	135 lm
	● Blue	460-475 nm	33 lm
	○ White CRI >70	5000K-6500K	180 lm
	○ White CRI >80	4000-6500K	160 lm

High Power 3535 >1W 500mA 3V

Series	Picture	Spec.			
		Wave-length	Min mW	Vf	Viewing Angle
EAUVA 3535 120degree 		365-375 nm	900	3.25-4.15	120°
		380-390 nm	1000	2.95-3.85	
		390-400 nm	1000	2.95-3.85	
		400-410 nm	1000	2.95-3.85	
EAUVA 3535 50degree 		365-375 nm	900	3.25-4.15	50°
		380-390 nm	1000	2.95-3.85	
		390-400 nm	1000	2.95-3.85	

Performances may change dependent upon customer requirements.
Structure and material depend on customer request.



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AGRICULTURAL
LIGHTING

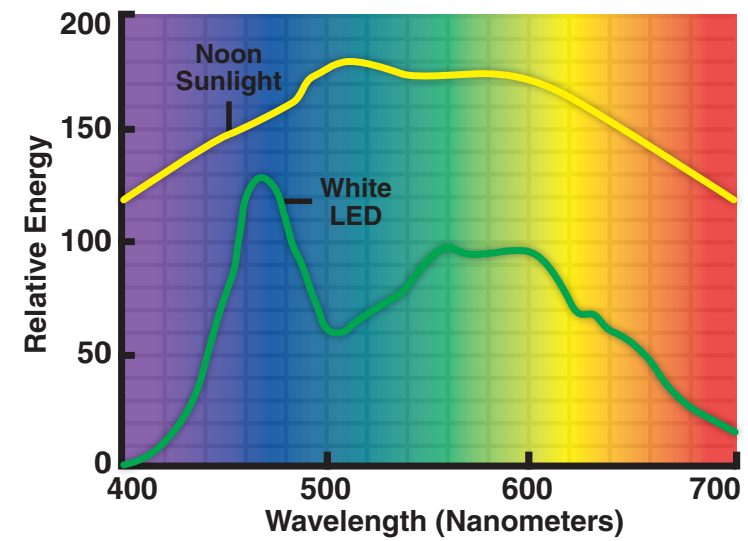
EVERLIGHT provides LEDs with multiple wavelengths to alter the future of agriculture.

www.everlightamericas.com



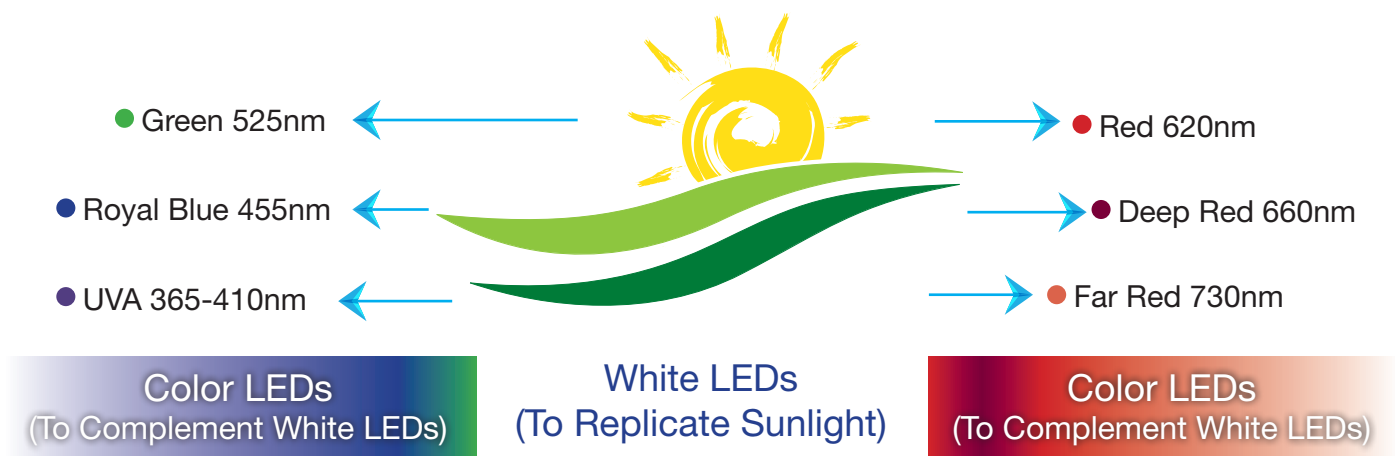
EVERLIGHT provides multiple wavelengths to alter the growth of plants and animals.

Spectra From Common Sources of Visible Light



The easiest way to achieve effective agricultural lighting is to provide a spectrum of light that best replicates sunlight OR by providing the necessary spectrums / color combinations for specific functions. Color combinations vary depending on region, time, temperature, plant, plant cycle, production targets and many other factors. EVERLIGHT has all the basic colors needed for replicating sunlight and activating specific functions for agricultural lighting. For any part of the spectrum where additional colors need to be added to the spectrum or additional light functions are needed, there are different EVERLIGHT color LEDs available for customer selection and tuning.

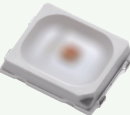
Your source of information: enter www.everlightamericas.com for all advanced EVERLIGHT optoelectronic products and updated specifications.



EVERLIGHT Horticulture LEDs Series

Product Name	Product Photo	Dimension	Power Consumption	Wavelength	PPF(umoles /s)	PPF/W (umoles /J)	WPE%
EAHP3535 		3.5 x 3.5 x 2.03 mm	1-3W	445-460 nm	2.323	3.404	56%
				645-675 nm	2.432	3.474	63%
				715-745 nm	2.506	2.469	66%
EAHP3030		3.0 x 3.0 x 0.63 mm	0.5W	450-460 nm	0.611	1.941	32%
				645-675 nm	0.829	2.764	50%
				715-745 nm	0.867	2.064	55%
EAHP2835		2.8 x 3.5 x 0.7 mm	0.5W	715-745 nm	0.507	1.691	28%
				645-675 nm	0.525	1.667	30%
				450-460 nm	0.957	1.934	51%

EVERLIGHT Color LEDs Selection

Low Power 2835				0.5W 150mA 3V			
Picture	Color	Wavelength	Performance				
	● Far Red	715-745 nm	83 mW				
	● Deep Red	645-675 nm	95 mW				
	● Royal Blue	450-460 nm	250 mW				
	● Red	620-630 nm	21 lm				
	● Amber	585-595 nm	15 lm				
	● Green	515-525 nm	34 lm				
	● Blue	460-475 nm	11 lm				
	○ White CRI >80	5000-6500K	70 lm				

Mid Power 3030				0.5W 150mA 3V			
Picture	Color	Wavelength	Performance				
	● Far Red	715-745 nm	100 mW				
	● Deep Red	645-675 nm	150 mW				
	● Royal Blue	450-460 nm	230 mW				
	● Red	620-630 nm	20 lm				
	● Orange	608-620 nm	22 lm				
	● Amber	585-595 nm	18 lm				
	● Green	515-525 nm	31 lm				
	● Blue	460-475 nm	11 lm				
	○ White CRI >80	5000K-6500K	67 lm				

Performances may change dependent upon customer requirements. Structure and material depend on customer request.