



Grow Lights

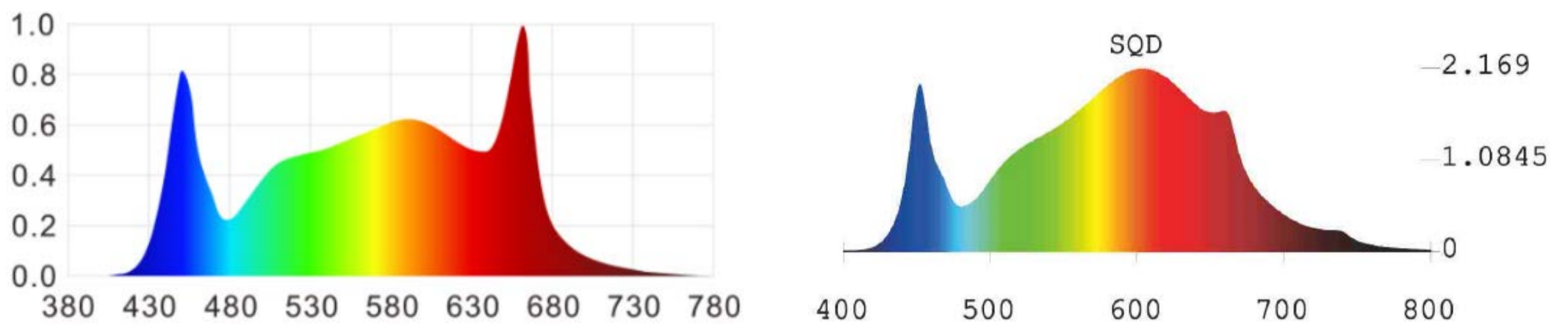
MODEL NLV-EDEN-H

Designed to deliver more usable light to the plants at ultra high efficiency of $>2.7 \mu\text{mol/J}$



8800
Compliant

EDEN-H Series is designed specifically for Greenhouse cultivation. It can be used as a low-cost supplementary light option or Flower only spectrum option. Multiple wattages from 100W to 500W available with efficacy of $>2.7 \mu\text{mol/J}$.



- Optimized for outdoor greenhouse growing as supplemental light or main lighting.
- Multiple wattages from 100W to 500W based on customer requirements
- Perfectly tuned full spectrum grow light covering full span of wavelength range required for all stages of plant growth.
- High yielding plants with maximum energy efficiency for reduced energy and operations cost.
- Customizable spectrum, power and efficacy.
- 5-year standard warranty with lifetime greater than 50,000 hrs.
- Three full spectrum models; Professional, Mid Version and Economic Version to meet your capital budget
- IP65, UL 8800 Compliant, ETL Certified, RoHS, & CE certifications

SPECIFICATIONS

EDEN-H	500W	300W	200W	150W	100W
Minimum Efficacy (mmol/J)	Pro version - 2.6, Economic version – 2.1				
PPFD ($\mu\text{mol/s}$)	1300	780	520	390	260
Dimensions (inches)	F20 x H8	F17 x H8	F16 x H6	F14 x H6	F10 x H6
Beam Angle	120 deg				
Input Voltage	Autosensing 110V to 277V A.C.				
Lifetime (hours)	50,000				
Power Factor	>0.90				
Dimming	No dimming, Optional: 0-10V with external controller				
Working temperature	-40C to + 40C				
LED Light Source	Samsung, Osram, Lumileds, Cree, Sannan, Seoul Semi (customizable)				



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