



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











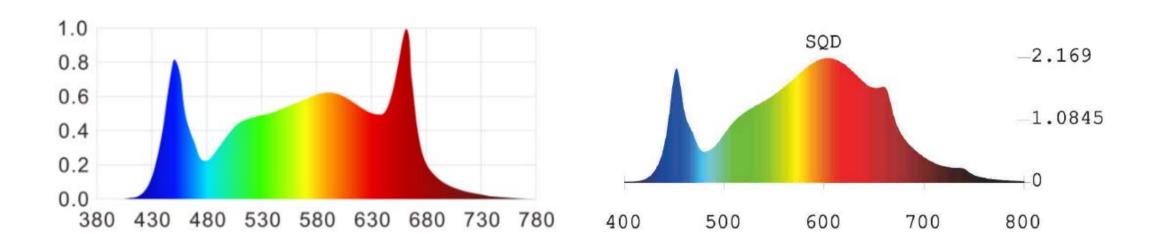




EDEN-H Series is designed specifically for Greenhouse cultivation. It can be used as a low-cost supplementary light option or Flower only spectrum option. Multiple wattages from 100W to 500W available with efficacy of  $>2.7 \mu mol/J$ .



### Grow Lights EDEN-H



- 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 (μmol/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)					



## Grow Lights EDEN-H

MAX AMPERAGE (A) BY VOLTAGE SERVICE							
POWER (W)	5.00	2.40	2.08	1.81			
500	3.00	1.44	1.25	1.08			
300	2.00	0.96	0.83	0.72			
200	1.50	0.72	0.63	0.54			
150	1.00	0.48	0.42	0.36			
100	5.00	2.40	2.08	1.81			

### **ORDERING INFORMATION**

NLV - EDNH - FSXXX - XXXW - XXX-X - UH - 01

NLV NLV Lighting

EDNH EDEN Fixture Series, Model H

FS Full Spectrum

XXX Efficacy – for 2.75 Enter 275

XXXW Power

XXX-X Product Version

PRO-E: pro version with highest performance

PRO-S: same efficacy, lower price MID-S: same efficacy, lower price ECO-C: lower efficacy, lowest price

EDEN-H MODEL	Efficacy	PPF
NLV-EDNH-FS260-100W-PRO-E-UH-01	2.6	260
NLV-EDNH-FS260-100W-PRO-S-UH-01	2.6	260
NLV-EDNH-FS260-100W-MID-S-UH-01	2.6	260
NLV-EDNH-FS210-100W-ECO-C-UH-01	2.1	210
NLV-EDNH-FS260-150W-PRO-E-UH-01	2.6	390
NLV-EDNH-FS260-150W-PRO-S-UH-01	2.6	390
NLV-EDNH-FS260-150W-MID-S-UH-01	2.6	390
NLV-EDNH-FS210-150W-ECO-C-UH-01	2.1	315
NLV-EDNH-FS260-200W-PRO-E-UH-01	2.6	520
NLV-EDNH-FS260-200W-PRO-S-UH-01	2.6	520
NLV-EDNH-FS260-200W-MID-S-UH-01	2.6	520
NLV-EDNH-FS210-200W-ECO-C-UH-01	2.1	420
NLV-EDNH-FS260-300W-PRO-E-UH-01	2.6	780
NLV-EDNH-FS260-300W-PRO-S-UH-01	2.6	780
NLV-EDNH-FS260-300W-MID-S-UH-01	2.6	780
NLV-EDNH-FS210-300W-ECO-C-UH-01	2.1	630
NLV-EDNH-FS260-500W-PRO-E-UH-01	2.6	1300
NLV-EDNH-FS260-500W-PRO-S-UH-01	2.6	1300
NLV-EDNH-FS260-500W-MID-S-UH-01	2.6	1300
NLV-EDNH-FS210-500W-ECO-C-UH-01	2.1	1050



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