

## APPLICATION

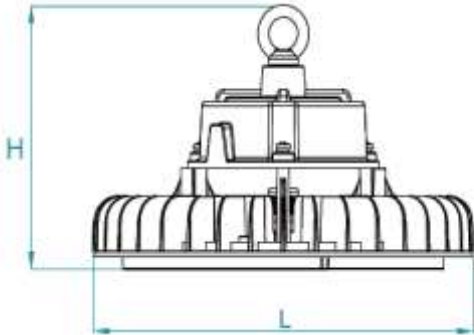
EDEN-H Series is designed specifically for Greenhouse cultivation. It can be used as a low-cost supplementary light option or Flower only spectrum option. Multiple wattages from 100W to 500W available with efficacy of  $>2.7 \mu\text{mol/J}$

## FEATURES

- 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 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 efficiency
- Three full spectrum models; Professional, Mid Version and Economy
- IP65, UL 8800 Complaint, ETL Certified, RoHS, & CE certifications



## PRODUCT DIMENSIONS



Power (W)	Dimensions ( L x H)
100	10.24 x 6.26
150	10.24 x 6.85
220	
240	12.60 x 6.73
300	12.60 x 7.80

## PRODUCT SPECIFICATIONS

EDEN-H	500W	300W	200W	150W	100W
Minimum Efficacy (mmol/J)	Economic version – 2.1 , Pro version - 2.6				
PPFD (mmol/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)				

### ORDERING INFORMATION

**Example: EDNH-FSXXX-XXXW-XXX-X-UH-01**

EDB	EDEN Fixture Series, Model H
FS	Full Spectrum We offer customized spectrums based on customer requirements. Please make such requests through email.
XXX	Efficacy – for 2.75 Enter 275
XXXW	100 – 500 Power (W)
XXX-X	Product Version ECO-C: Lower Efficacy, Lowest Price MID- S: Higher Efficacy, Lower Price PRO-S: Higher efficacy, Lower price PRO-E: Pro version with Highest performance

100 W	Efficacy	PPF
EDNH-FS260-100W-MID-S-UH-01	2.6	260
EDNH-FS210-100W-ECO-C-UH-01	2.1	210
EDNH-FS260-100W-PRO-S-UH-01	2.6	260
EDNH-FS260-100W-PRO-E-UH-01	2.6	260

150 W	Efficacy	PPF
EDNH-FS210-150W-ECO-C-UH-01	2.1	315
EDNH-FS260-150W-MID-S-UH-01	2.6	390
EDNH-FS260-150W-PRO-S-UH-01	2.6	390
EDNH-FS260-150W-PRO-E-UH-01	2.6	390

200 W	Efficacy	PPF
EDNH-FS210-200W-ECO-C-UH-01	2.1	420
EDNH-FS260-200W-MID-S-UH-01	2.6	520
EDNH-FS260-200W-PRO-S-UH-01	2.6	520
EDNH-FS260-200W-PRO-E-UH-01	2.6	520

200 W	Efficacy	PPF
EDNH-FS210-300W-ECO-C-UH-01	2.1	630
EDNH-FS260-300W-MID-S-UH-01	2.6	780
EDNH-FS260-300W-PRO-S-UH-01	2.6	780
EDNH-FS260-300W-PRO-E-UH-01	2.6	780

500 W	Efficacy	PPF
EDNH-FS210-500W-ECO-C-UH-01	2.1	1050
EDNH-FS260-500W-MID-S-UH-01	2.6	1300
EDNH-FS260-500W-PRO-S-UH-01	2.6	1300
EDNH-FS260-500W-PRO-E-UH-01	2.6	1300