

## APPLICATION

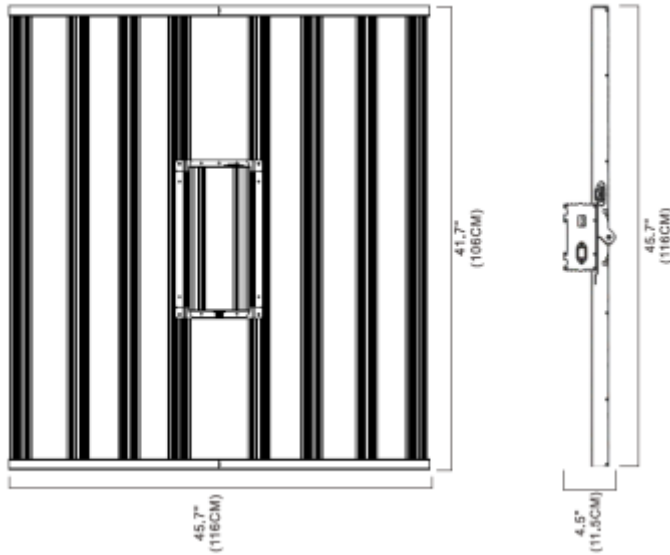
EDEN-B series is designed specifically for single and multilayer indoor growing. The driver can be placed on the fixture or can be placed on top of the rack or other convenient location. The modularity allows the customer to choose from multiple wattages from 500W to 900W. The standard 6-bar, 630W fixture delivers 1700  $\mu\text{mol/s}$  at  $>2.7 \mu\text{mol/J}$  efficacy.

## FEATURES

- Thin profile optimized for indoor single & multilayer growing
- 180 deg foldable to reduce shipping cost
- 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 efficiency.
- 3 full spectrum models; Professional, Mid and Economy
- IP65, UL 8800 Complaint, ETL Certified, RoHS, & CE certifications



## PHYSICAL DIMENSIONS



## PRODUCT SPECIFICATIONS

EDNB	900W	630W	500W
Number of Bars	8	8	4
Minimum Efficacy ( $\mu\text{mol}/\text{J}$ )	2.6	2.75	2.6
PPFD ( $\mu\text{mol}/\text{s}$ )	2340	1870	1040
Bar Length (inches)	42		
Fixture dimensions (L x W x H, inches)	43.5 x 46 x 4.5		
Input Voltage	Autosensing 110V to 277V A.C.		
Lifetime (hours)	50,000		
Power Factor	>0.90		
Dimming	Manual preset, 0-10V with external controller		
Working temperature	-40C to + 40C		
LED Light Source	Samsung, Osram, Lumileds, Cree, Sanan, Seoul Semi (customizable)		

### ORDERING INFORMATION

<b>Example: EDNB-FSXXX-XXXW-XXX-X-UH-01</b>	
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

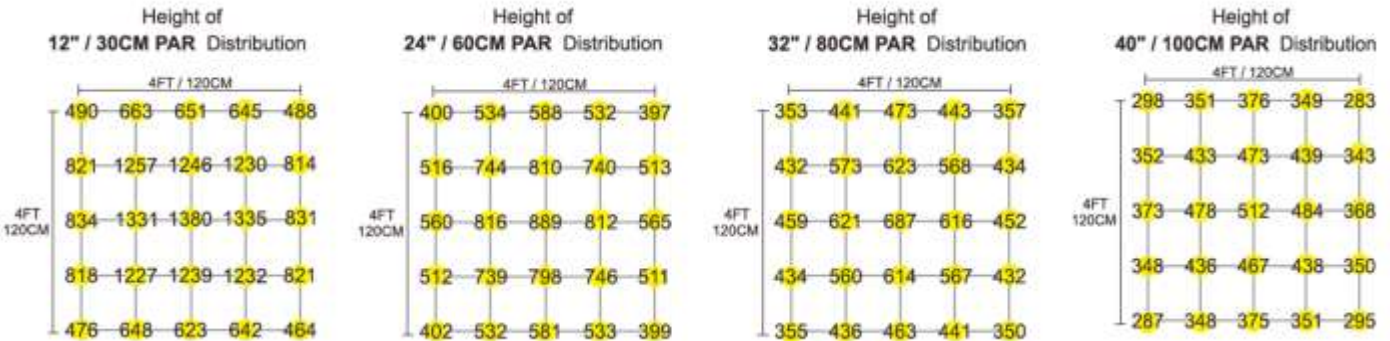
MODEL	EFFICACY	PPF
EDNB-FS240-900W-ECO-C-8B-42	2.4	2160
EDNB-FS265-900W-MID-S-8B-42	2.65	2385
EDNB-FS265-900W-PRO-S-8B-42	2.65	2385
EDNB-FS265-900W-PRO-E-8B-42	2.65	2385
EDNB-FS240-630W-ECO-C-6B-42	2.4	1510
EDNB-FS270-630W-MID-S-6B-42	2.7	1700
EDNB-FS270-630W-PRO-S-6B-42	2.7	1700
EDNB-FS270-630W-PRO-E-6B-42	2.7	1700
EDNB-FS240-500W-ECO-C-4B-42	2.4	1150
EDNB-FS270-500W-MID-S-4B-42	2.7	1350
EDNB-FS270-500W-PRO-S-4B-42	2.7	1350
EDNB-FS270-500W-PRO-E-4B-42	2.7	1350

### MAX AMPERAGE (A) BY VOLTAGE

POWER (W)	100 V	208 V	240 V	277 V
900	9.00	4.33	3.75	3.25
680	6.80	3.27	2.83	2.45
400	4.00	1.92	1.67	1.44
240	2.40	1.15	1.00	0.87

### PAR DISTRIBUTION

#### 900W-8-Bars- >2.75 efficacy



#### 680W-6-Bars- >2.75 efficacy

