



# Grow Lights

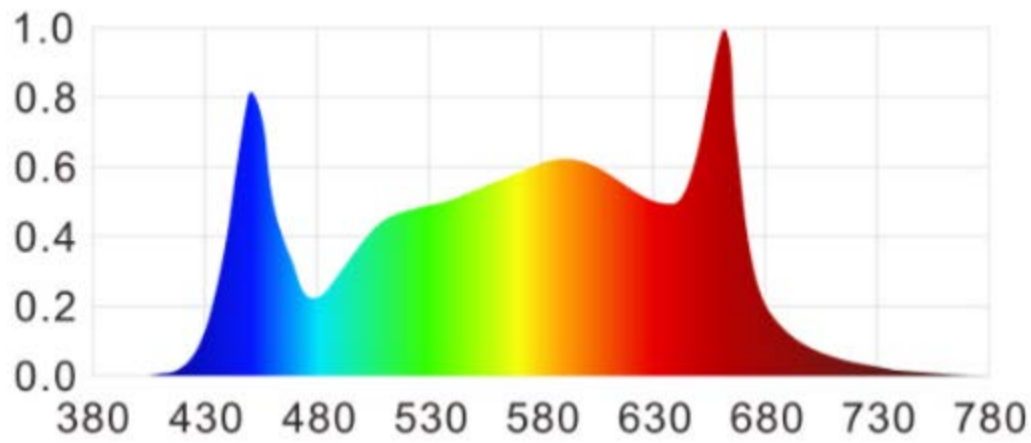
## MODEL NLV-EDEN-R

Designed to deliver more usable light to the plants at ultra high efficiency of  $>2.75 \mu\text{mol/J}$



EDEN-R Series is designed specifically to for multilayer indoor growing. The 2.3" thick fixture can be flush mounted with the top rack. The driver is intelligently placed in the middle of the fixture, in an aluminum casing. The modularity allows the customer to choose from multiple wattages of 240W to 900W. The standard 8-bar, 680W fixture delivers  $1870 \mu\text{mol/s}$  at  $>2.75 \mu\text{mol/J}$  efficacy. Other options are also available.



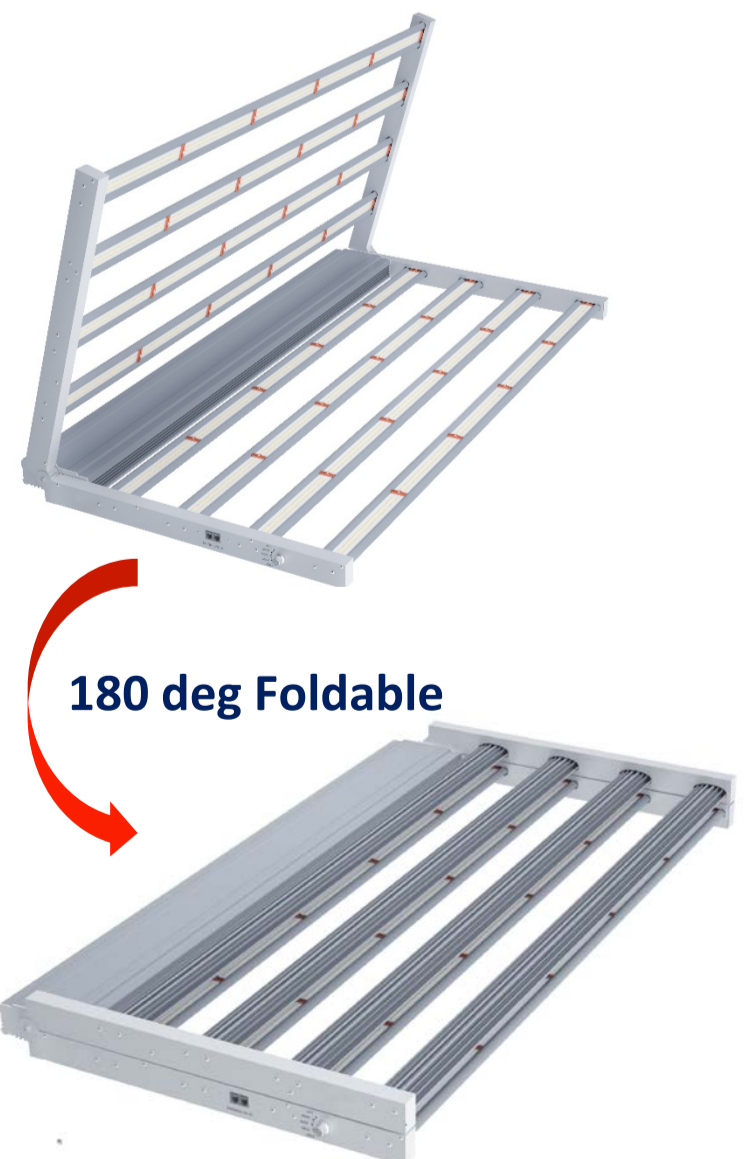


- Thin profile optimized for indoor multilayer growing
- 180 deg foldable to reduce shipping cost
- Perfectly tuned full spectrum grow light covering full span of wavelength range required for all stages of plant growth.
- High yielding plants with maximum energy efficiency for reduced energy and operations cost.
- Customizable spectrum, power and 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

## PRODUCT OPTIONS



*EDEN-R: 6 Bar Option*



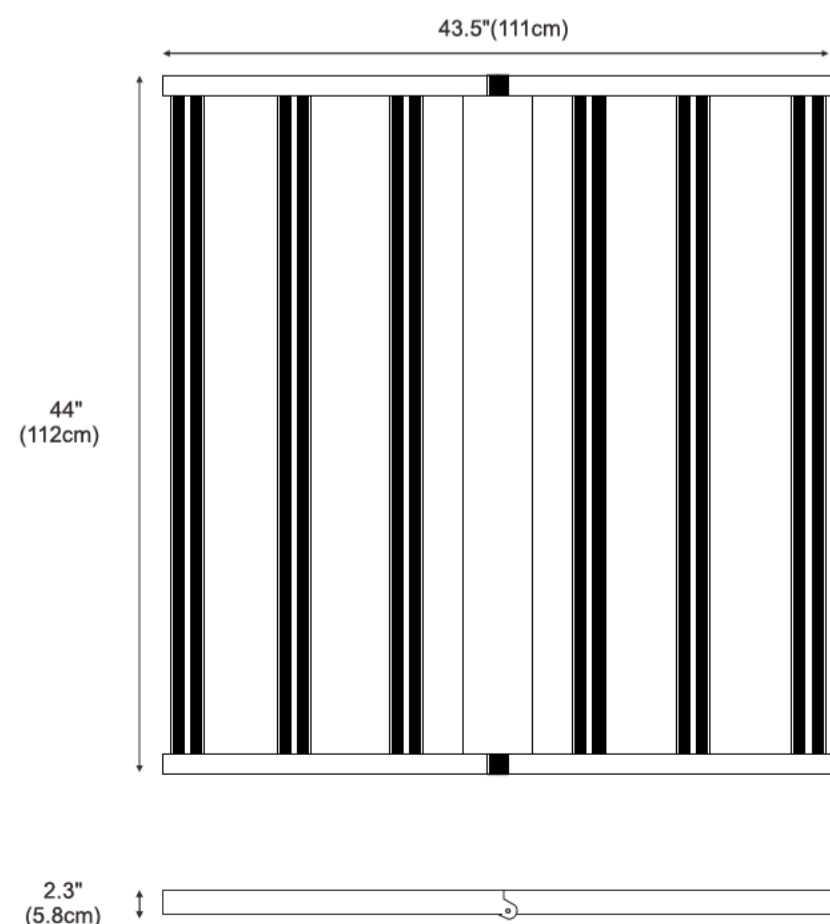
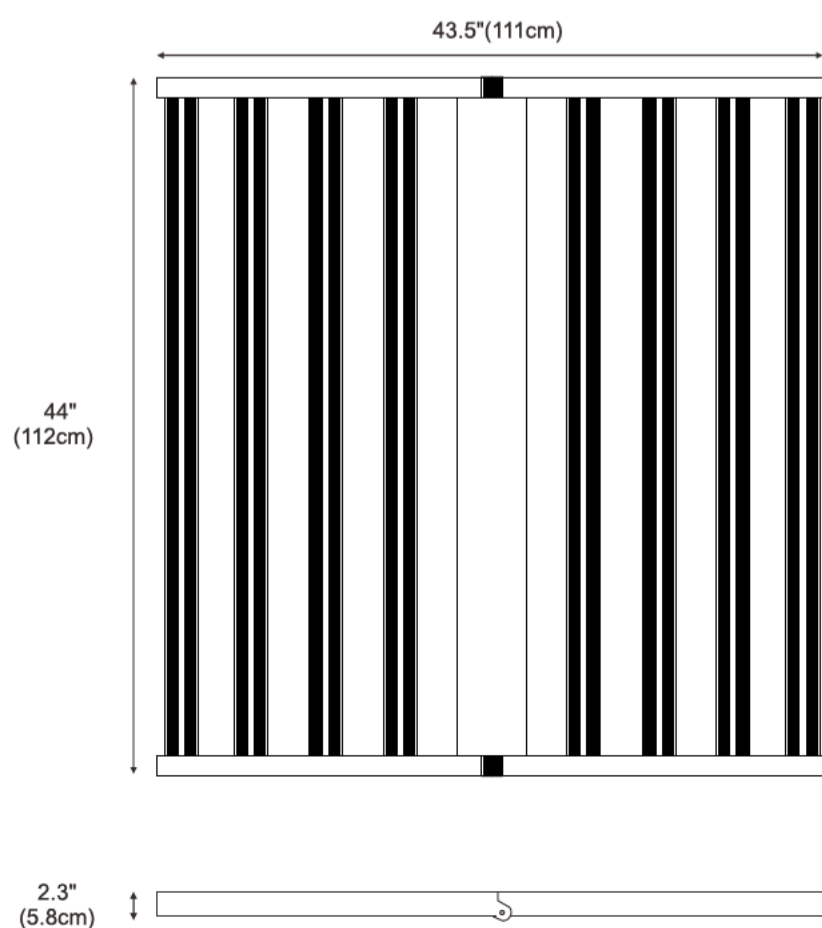


EDEN-R: 4 Bar Option

## SPECIFICATIONS

EDEN-R	900W	680W		400W	240W
Number of Bars	8	8	6	4	4
Minimum Efficacy ( $\mu\text{mol}/\text{J}$ )	2.6	2.75	2.6	2.6	2.6
PPFD ( $\mu\text{mol}/\text{s}$ )	2340	1870	1768	1040	624
Bar Length (inches)	43.3			36	24
Fixture dimensions (L x W x H, inches)	43.5 x 44 x 2.3			36 x 36 x 2.3	24 x 24 x 2.3
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)				

## PHYSICAL DIMENSIONS



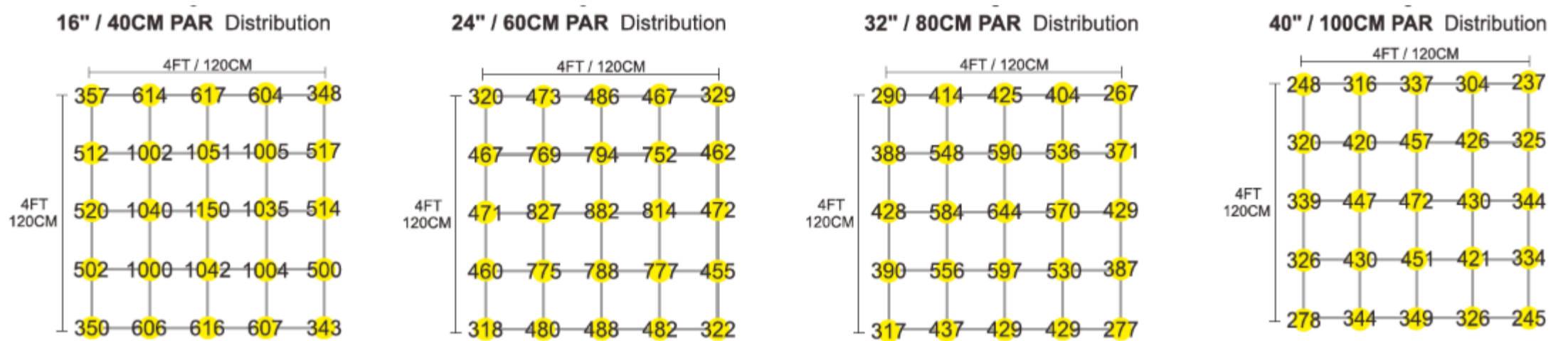


## MAX AMPERAGE (A) BY VOLTAGE SERVICE

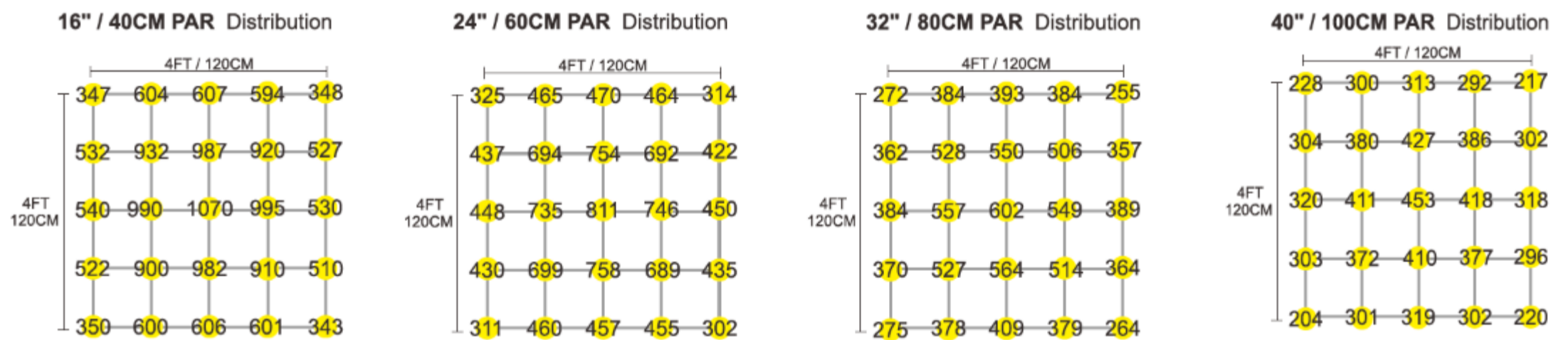
POWER (W)	100	208	240	277
900	9.00	4.33	3.75	3.25
680	6.80	3.27	2.83	2.45
400	4.00	1.92	1.67	1.44
240	2.40	1.15	1.00	0.87

## PAR DISTRIBUTION – FULL SPECTRUM

680W-8-Bars- >2.75 efficacy



680W-6-Bars- >2.75 efficacy



## ORDERING INFORMATION

**NLV - EDNR - FSXXX - XXXW - XXX-X - XB - XX**

NLV - EDNR - FSXXX - XXXW - XXX-X - XB - XX

NLV NLV Lighting

EDNR EDEN Fixture Series, Model R

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 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

XB Number of bars (8B – eight bars)

XX Length of each bar (42 – 42 inches)

MODEL	EFFICACY	PPF	Notes
NLV-EDNR-FS260-900W-PRO-E-8B-42	2.6	2340	
NLV-EDNR-FS260-900W-PRO-S-8B-42	2.6	2340	
NLV-EDNR-FS260-900W-MID-S-8B-42	2.6	2340	
NLV-EDNR-FS240-900W-ECO-C-8B-42	2.4	2160	
NLV-EDNR-FS275-680W-PRO-E-8B-42	2.75	1870	
NLV-EDNR-FS275-680W-PRO-S-8B-42	2.75	1870	
NLV-EDNR-FS275-680W-MID-S-8B-42	2.75	1870	
NLV-EDNR-FS245-680W-ECO-C-8B-42	2.45	1660	
NLV-EDNR-FS260-680W-PRO-E-6B-42	2.6	1768	
NLV-EDNR-FS260-680W-PRO-S-6B-42	2.6	1768	
NLV-EDNR-FS260-680W-MID-S-6B-42	2.6	1768	
NLV-EDNR-FS240-680W-ECO-C-6B-42	2.4	1550	
NLV-EDNR-FS275-400W-PRO-E-4B-36	2.6	1040	
NLV-EDNR-FS275-400W-PRO-S-4B-36	2.6	1040	
NLV-EDNR-FS275-400W-MID-S-4B-36	2.6	1040	
NLV-EDNR-FS275-400W-ECO-C-4B-36	2.4	960	
NLV-EDNR-FS275-240W-PRO-E-4B-24	2.6	624	
NLV-EDNR-FS275-240W-PRO-S-4B-24	2.6	624	
NLV-EDNR-FS275-240W-MID-S-4B-24	2.6	624	
NLV-EDNR-FS275-240W-ECO-C-4B-24	2.4	576	





## Contact Info

Address: 177 Park Ave, #200, San Jose CA 95113

Email: [info@nlvlighting.com](mailto:info@nlvlighting.com)

Phone number: +1-408-641-1848

[www.nlvlighting.com](http://www.nlvlighting.com)

