

APPLICATION

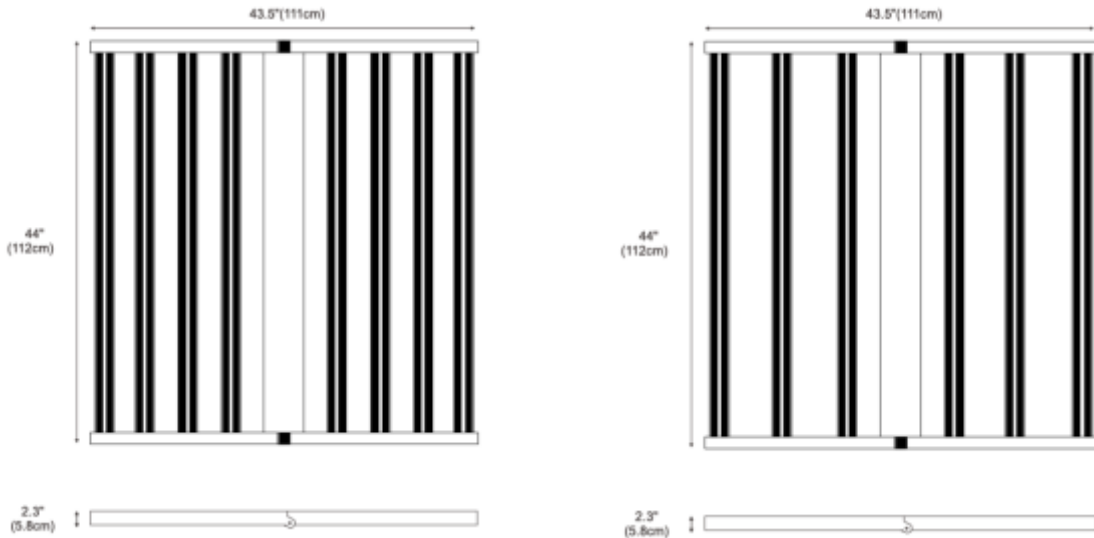
EDEN-R Series is designed specifically to for multilayer indoor growing. The 2.3" thick fixture can be flush mounted with the top rack. The driver is intelligently placed in the middle of the fixture in an aluminum casing. The modularity allows the customer to choose from multiple wattages of 240W to 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.

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



PHYSICAL DIMENSIONS



PRODUCT SPECIFICATIONS

EDNR	900W	680W		400W	240W
Number of Bars	8	8	6	4	4
Minimum Efficacy (μmol/J)	2.6	2.75	2.6	2.6	2.6
PPFD (μmol/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)				

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

ORDERING INFORMATION

Example: EDNR-FSXXX-XXXW-XXX-X-XB-XX	
EDR	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 (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
XB	Number of bars (8B – eight bars)
XX	Length of each bar (42 – 42 inches)

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