

HYDRA 630W

Total PPF: 1,764 $\mu\text{mol/s}$

The HYDRA series is a lighting solution for professional growers who demand efficiency, quality, and an optimized light recipe. The 630W HYDRA features a detachable power supply that easily mounts to the side of a rack system. This unique design thermally manages the power supply separately from the LED bars and offers a flexible daisy-chain connection. This grow light's photosynthetic photon efficacy (PPE) can reach 2.8 $\mu\text{mol/J}$, ensuring a precise and uniform PPF greater than 1,700 $\mu\text{mol/s}$, through the blooming stage.

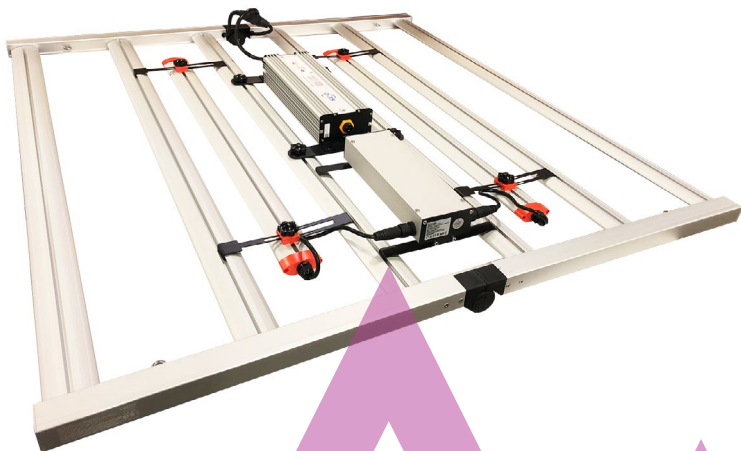
SPECIFICATIONS

TYPICAL INPUT POWER	630 W
TYPICAL PHOTON FLUX (PPF)	1,764 $\mu\text{mol/s}$
PPE	2.8 $\mu\text{mol/J}$
IP-RATING	IP65
IR	730 A/B
OPERATING TEMPERATURE	-40 °F to +104 °F
POWER FACTOR	> 90 %
COLOUR RENDERING INDEX	80 Ra
DIMMING	0-10V Dimmable
THE LIGHT WAVELENGTH	400-800 nm
NET WEIGHT	22.5 Lb (10.0 kg)
LIFETIME	50,000 hrs
WARRANTY	5 Years

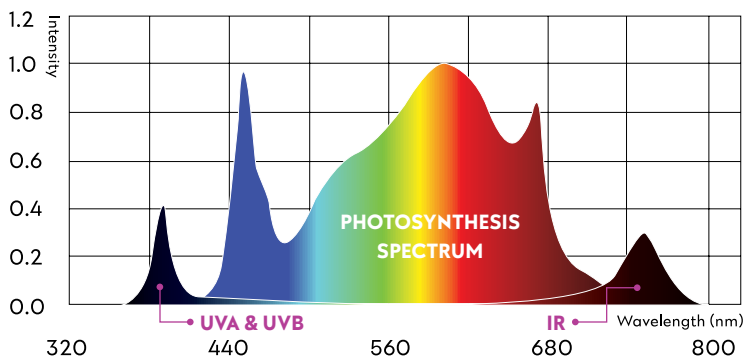
All specifications are subject to change. All spec values are typical.

MODEL ORDERING GUIDE

SERIES CODE	WATTAGE	SPECTRUM	INPUT VOLT	CORD LENGTH	PLUG TYPE	MOUNTING
CHFO6= HYDRA	630	CF =Full Phase CU =UV Plus CI = IR Plus	S =110V-277V H =347-480V	10 =10ft	N5P =NEMA 5-15P N6P =NEMA 6-15P L7P =NEMA L7-15P PT =PIGtails	HK =Hanger Kits DM =Detach Mount



TARGETED SPECTRUM

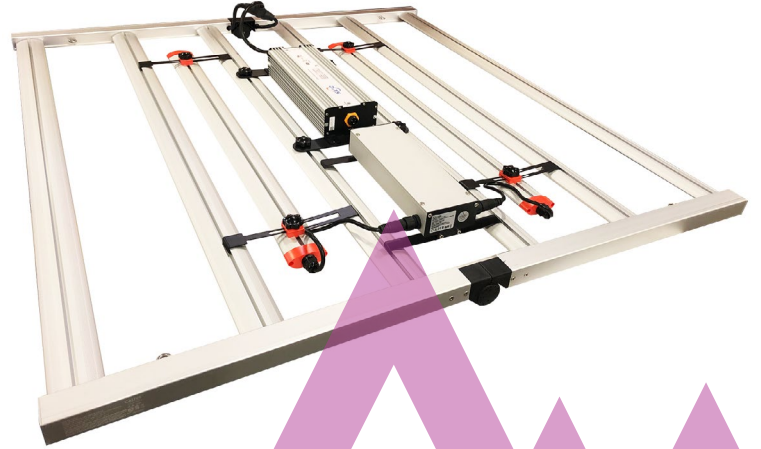
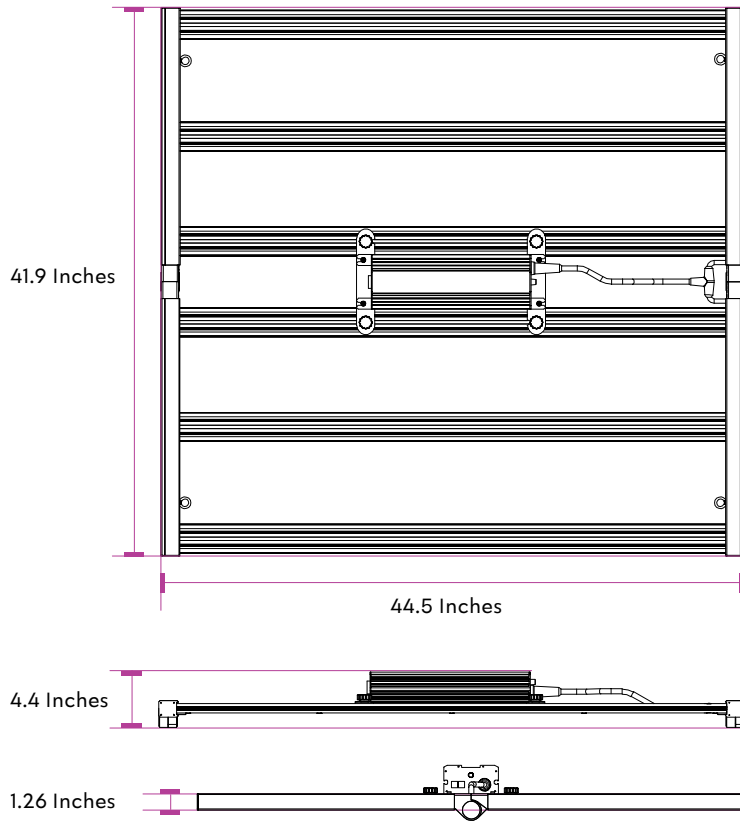


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FIXTURE MOUNTING DIMENSIONS



WARNING

1. The installation should be performed by qualified electricians or technicians.
2. Before conducting any installation, maintenance, or removal, the luminaires should be powered off and cooled down.
3. Do not touch the fixture while it is turned on.
4. If there are any issues with the fixture, do not power off and attempt to repair it unless you are a qualified technician, electrician, or customer service member.

PLUG TYPE CHART

N5P	NEMA 5-15P	
N6P	NEMA 6-15P	
L7P	NEMA L7-15P	
PT	PIGTAILS	

WARRANTY

HYDRA product is covered by a **5 year** limited warranty. HYDRA grow light warrants to the original purchaser that this product is free from defects in materials and workmanship for the period of 5 years from date of purchase. To obtain warranty service please contact your local distributor or sales rep for further instruction.

CALIVE LLC reserves the right to update all product data sheets at any time. Consult CALIVE marketing specialists for publication updates at hello@calivellc.com

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