

## 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.

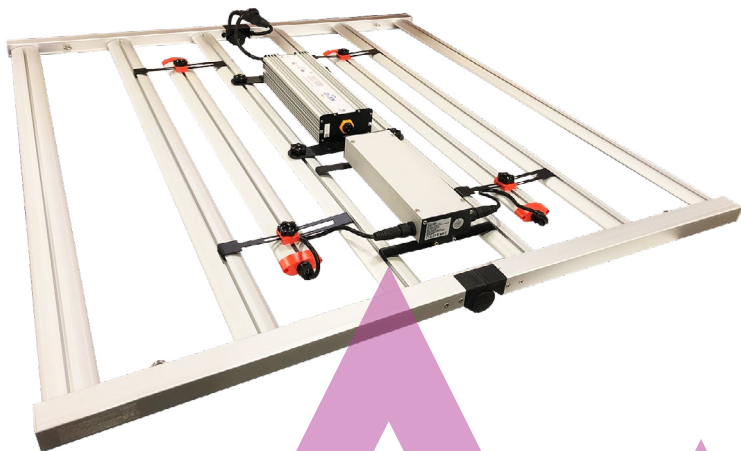
### SPECIFICATIONS

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

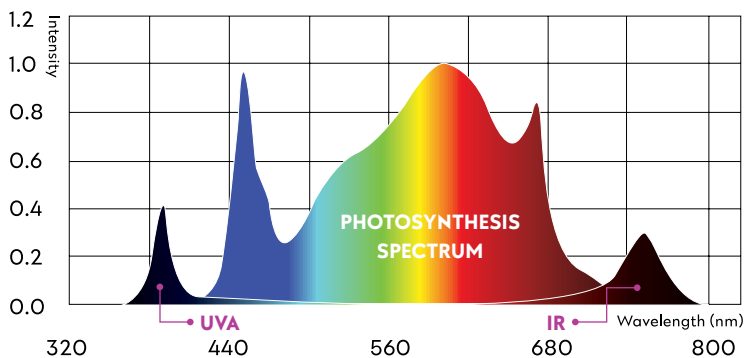
All specifications are subject to change. All spec values are typical.

### MODEL ORDERING GUIDE

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



### TARGETED SPECTRUM

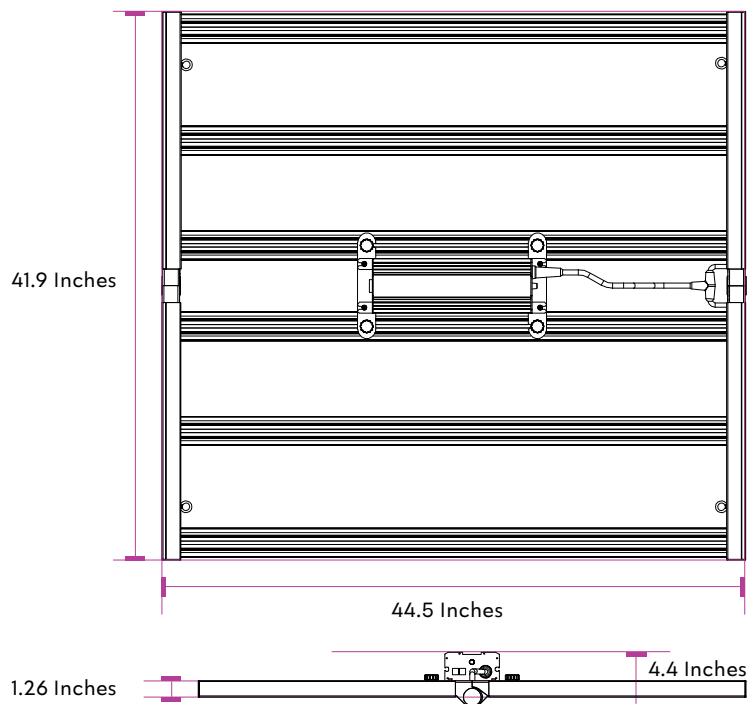


-  -  -  -  -  -

## HYDRA 630W

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

### FIXTURE MOUNTING DIMENSIONS



### PPFD MAP HYDRA 630W

TEST AREA 4X4 FT

12 Inches

190	524	590	488	184
343	848	972	896	342
353	906	1072	937	347
386	884	991	890	357
195	463	546	495	185

24 Inches

230	378	416	358	218
327	532	591	534	315
357	568	661	580	359
317	603	644	577	323
217	342	396	348	222

40 Inches

183	239	273	242	180
230	304	339	308	229
247	326	365	330	245
229	303	339	310	233
179	236	258	233	182

### 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.

### PLUG TYPE CHART

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

### 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.