

## HYDRA 720W

**Total PPF: 2,016  $\mu\text{mol/s}$**

The HYDRA series is a lighting solution for professional growers who demand efficiency, quality, and an optimized light recipe. The 720W 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	720 W
TYPICAL PHOTON FLUX (PPF)	2,016 $\mu\text{mol/s}$
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	24.5 Lb (11.0 kg)
LIFETIME	50,000 hrs
WARRANTY	5 Years

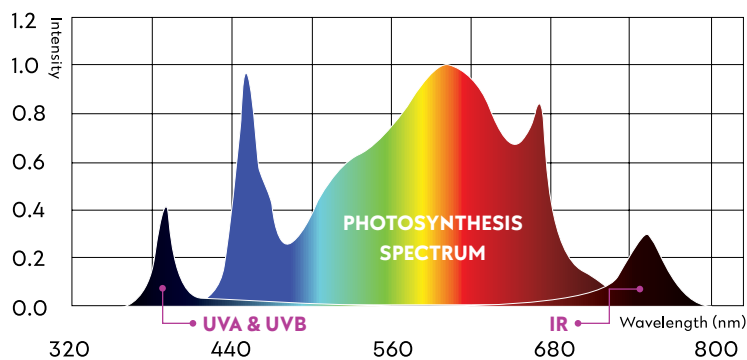
All specifications are subject to change. All spec values are typical.

### MODEL ORDERING GUIDE

SERIES CODE	WATTAGE	SPECTRUM	INPUT VOLT	CORD LENGTH	PLUG TYPE	MOUNTING
<b>CHFO6=</b> HYDRA	720	<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

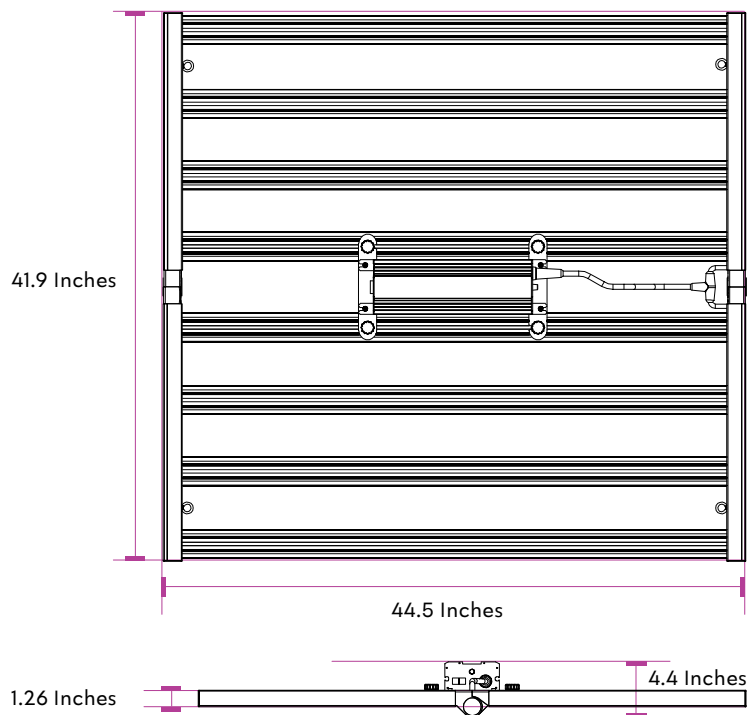


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### FIXTURE MOUNTING DIMENSIONS



### PPFD MAP HYDRA 720W

TEST AREA 4X4 FT

12 Inches

258	598	647	585	223
487	1079	1212	1088	442
461	1061	1229	1072	444
464	1050	1186	1076	425
234	529	586	527	224

24 Inches

265	447	494	423	252
405	647	742	640	385
430	710	815	708	428
408	633	734	641	389
263	441	481	420	245

40 Inches

218	293	315	292	210
282	371	406	369	281
303	399	441	397	276
270	371	406	370	273
207	278	284	277	199

### 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.