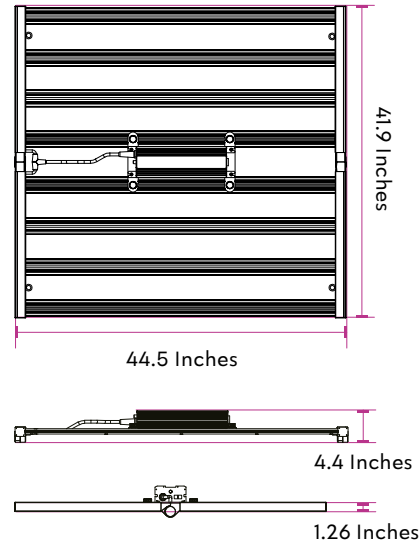
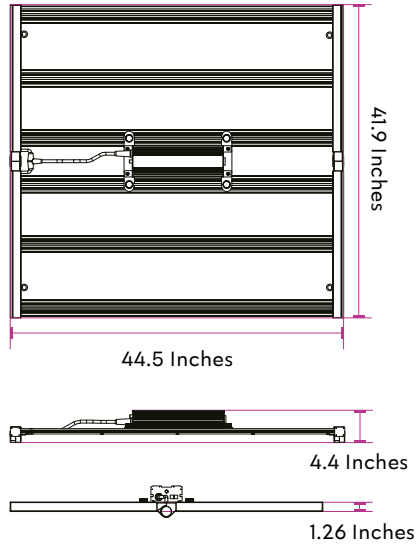


PRODUCT SIZE

HYDRA 630W

HYDRA 720W



PPFD MAP HYDRA 630W

12 Inches

688.2	897.06	912.39	872.12	636.97
811.07	1017.8	1051.2	999.55	792.5
869.41	1091.1	1106.5	1069.86	832.94
846.38	1017.2	1064.4	996.07	821.39
701.95	903.25	934.99	887.16	676.24

PPFD MAP HYDRA 720W

12 Inches

867.42	1079.5	1119	1061	839.43
1002.1	1238.8	1051.2	1217.7	981.77
949.25	1181.6	1329.8	1170.5	925.55
993.91	1243.5	1278.3	1220.9	976.02
903.65	1126.7	1167.9	1108.6	877.21

TEST AREA 2X2 FT

24 Inches

454.51	547.11	569.64	523.66	430.29
520.16	650.97	676.48	630.27	499.57
559.63	669.86	713.96	650.01	532.81
532.61	652.08	680.64	631.25	510.71
452.57	556.11	583.22	540.14	447.14

TEST AREA 2X2 FT

24 Inches

512.16	641.31	676.56	622.26	500.47
609.54	760.56	801.25	743.57	598.89
642.67	798.69	839.75	779.51	627.81
624.73	776.71	809.49	754.09	604.77
538.54	664.27	706.62	654.09	536.67

TEST AREA 2X2 FT

40 Inches

285.45	325.6	336.89	314.34	275.66
322.69	365.94	379.06	357.02	307.81
337.24	382.82	395.07	373.04	321.39
322.34	367.31	378.82	358.44	310.89
285.1	324.81	336.02	318.72	278.59

TEST AREA 2X2 FT

40 Inches

323.12	369.12	383.22	361.99	317.11
366.05	416.84	436.27	412.87	358.68
382.5	438.09	456.47	434.8	376.9
370.39	423.97	441.39	420.23	366.49
331.78	378.88	394.14	375.05	328.02

**GROW LIGHT
INSTALLATION
MANUAL**

HYDRA 630W/ 720W



WARRANTY

CALIVE grow light products are covered by a **5 year** limited warranty. CALIVE 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.



1460 Park Avenue,
Emeryville, CA 94608 USA
calivellc.com

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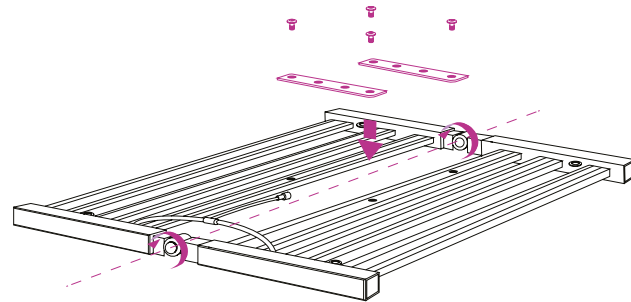
CALIVE LLC reserves the right to update all product data sheets at any time. Consult CALIVE marketing specialists for publication updates at hello@calivellc.com

INSTALLATION

HYDRA 630W / 720W

01.

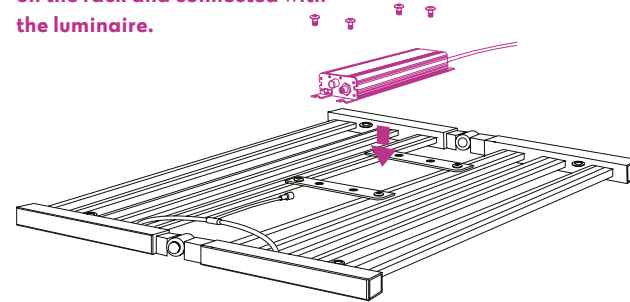
Gently open the luminaire until it is flat and install two holding brackets with four screws.



02.

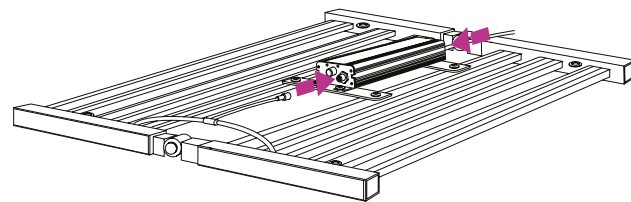
Install the DPS station on the holding brackets with four screws.

The DPS station can also be mounted on the rack and connected with the luminaire.



03.

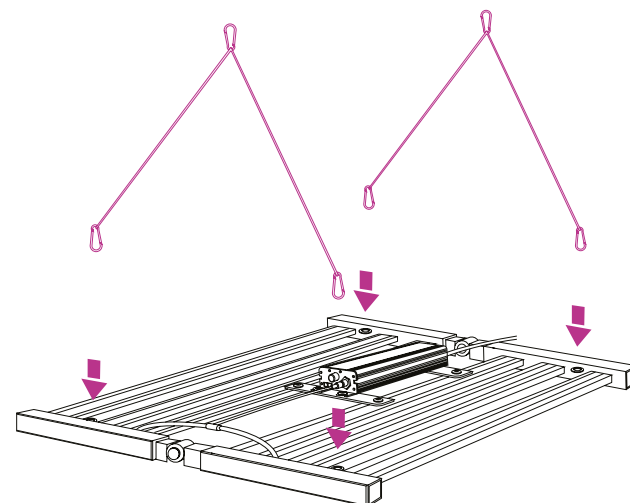
Connect the AC power cord and the dimming cord for dimming options.



04.

Attach the Y-fit hangers to the luminaire on the four positions shown below and then hang the other ends onto a sturdy surface.

The luminaire can also be mounted on the rack and connected with the DPS station.



Thank you for purchasing CALIVE grow light Products.

WARNING

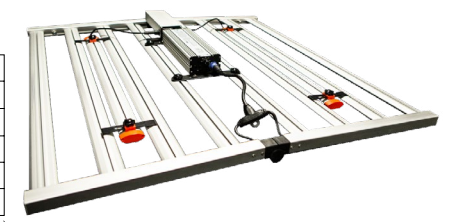
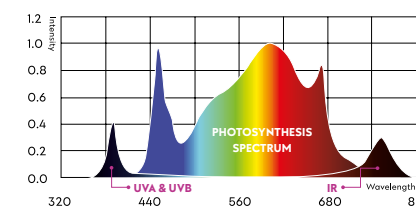
Carefully read the warnings below when operating this product.

- Always follow local rules and regulations when installing or using the LED fixture.
- Do not open or disassemble the LED fixture. Opening or modifying the LED fixture can be dangerous and will void warranty.
- Do not expose the LED fixture to ambient temperatures outside the specified range, dust, and direct sunlight or HID light during use that could heat up the ballast.
- Always disconnect the LED fixture before performing any maintenance.
- Always allow for a cool down period of at least 30 minutes before touching the LED rails.
- Do not operate the LED fixture near flammable, explosive, or reactive substances. Do not use sulfur vaporizers or water misters.
- The end-user is responsible for the installation and use of the LED fixture. Improper use or installation can lead to failure and damage of the LED fixture.
- The installation should be performed by qualified electricians or technicians.
- Before conducting any installation, maintenance, or removal, the luminaires should be powered off and cooled down.
- Do not touch the fixture while it is turned on.
- 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.

HYDRA 630W / 720W

The HYDRA series is a lighting solution for professional growers who demand efficiency, quality, and an optimized light recipe. The 630W & 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 $\mu\text{mol}/\text{J}$, ensuring a precise and uniform PPF greater than 1,700 $\mu\text{mol}/\text{s}$, through the blooming stage.

TARGETED SPECTRUM



SPECIFICATIONS

PRODUCT NAME	HYDRA	
	630 W	720 W
TYPICAL INPUT POWER	630 W	720 W
TYPICAL PHOTON FLUX (PPF)	1,764 $\mu\text{mol}/\text{s}$	2,016 $\mu\text{mol}/\text{s}$
PPE	2.8 $\mu\text{mol}/\text{J}$	2.8 $\mu\text{mol}/\text{J}$
IP-RATING	IP65	IP65
IR	730 A/B	730 A/B
OPERATING TEMPERATURE	-40 °F to +104 °F	-40 °F to +104 °F
POWER FACTOR	> 90%	> 90%
COLOUR RENDERING INDEX	80 Ra	80 Ra
DIMMING	0-10V Dimmable	0-10V Dimmable
THE LIGHT WAVELENGTH	400-800 nm	400-800 nm
NET WEIGHT	22.5 Lbs (10.0 kg)	24.5 Lbs (11.0 kg)
LIFETIME	50,000 hrs	50,000 hrs
WARRANTY	5 Years	5 Years

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