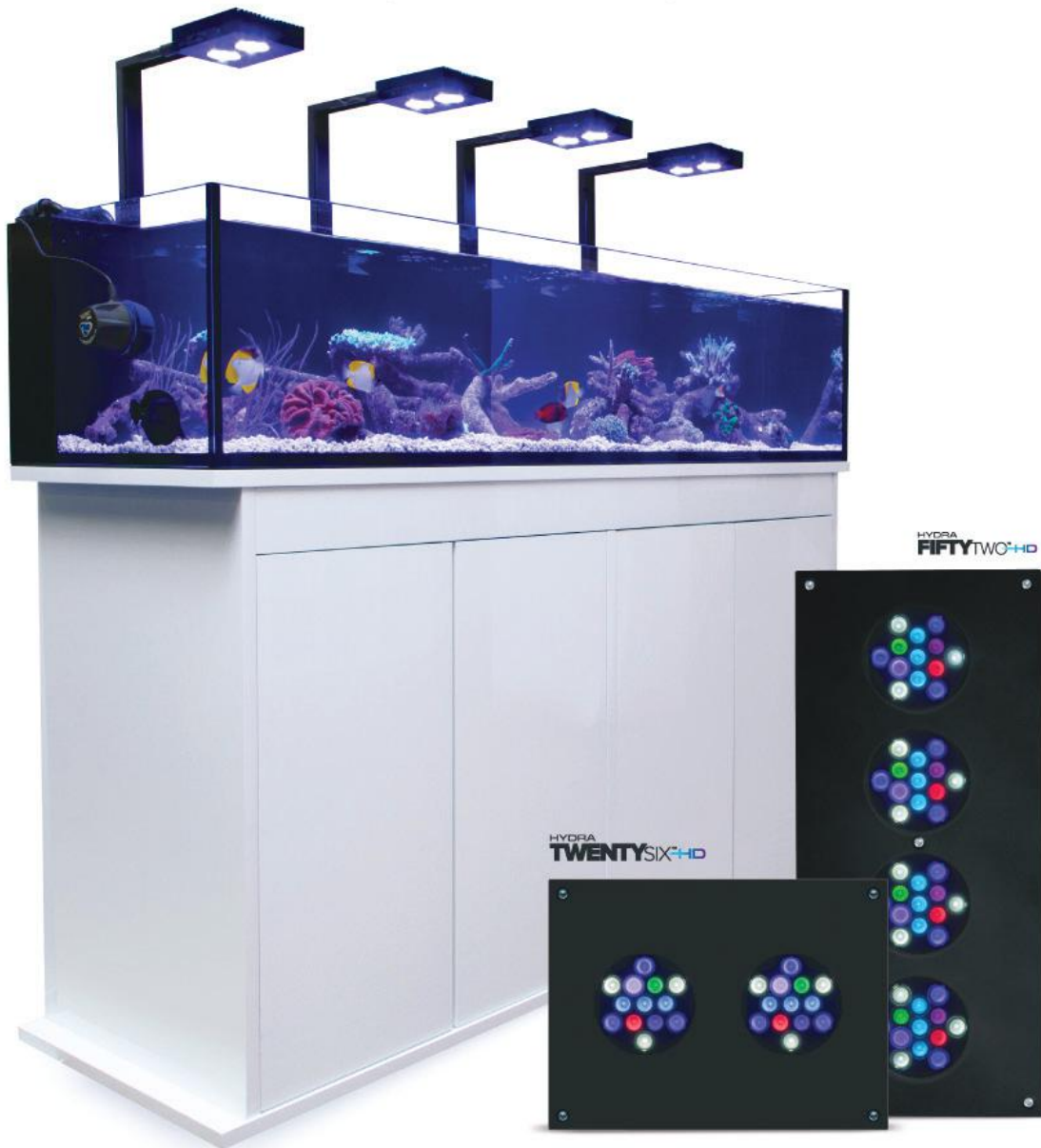


INTRODUCING THE  
**HYDRA+HD**  
S E R I E S



**UNLEASH**

YOUR TANKS' FULL POTENTIAL



# Specifications



## HYDRA FIFTYTWO™ HD

### Dimensions

Length	<b>11.875in.</b> (30.2cm)
Width	<b>5.375in.</b> (13.7cm)
Height	<b>1.6in.</b> (4cm)
Weight	<b>3.28lbs.</b> (1.49kg)

### Power Specifications

Power Consumption	<b>135W</b> from the wall
Universal Input Range	<b>100 to 240VAC / 50-60Hz</b>
Cable Length	<b>10ft.</b> (3.048m)
PSU Regulatory Compliance	<b>UL, CE &amp; RoHS</b>

### Options

Body Colors ☐ ☒

### What's In the Box

**AI Hydra FiftyTwo™ HD**

**Power Adapter**

**Quick Start Guide**



## HYDRA TWENTYSIX™ HD

### Dimensions

Length	<b>7.28in.</b> (18.5cm)
Width	<b>5.375in.</b> (13.7cm)
Height	<b>1.6in.</b> (4cm)
Weight	<b>2.1lbs.</b> (0.95kg)

### Power Specifications

Power Consumption	<b>90W</b> from the wall
Universal Input Range	<b>100 to 240VAC / 50-60Hz</b>
Cable Length	<b>10ft.</b> (3.048m)
PSU Regulatory Compliance	<b>UL, CE &amp; RoHS</b>

### Options

Body Colors ☐ ☒

### What's In the Box

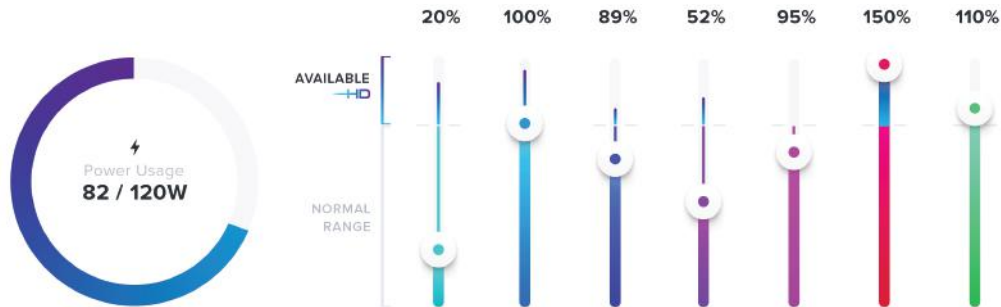
**AI Hydra TwentySix™ HD**

**Power Adapter**

**Quick Start Guide**

# HD SERIES

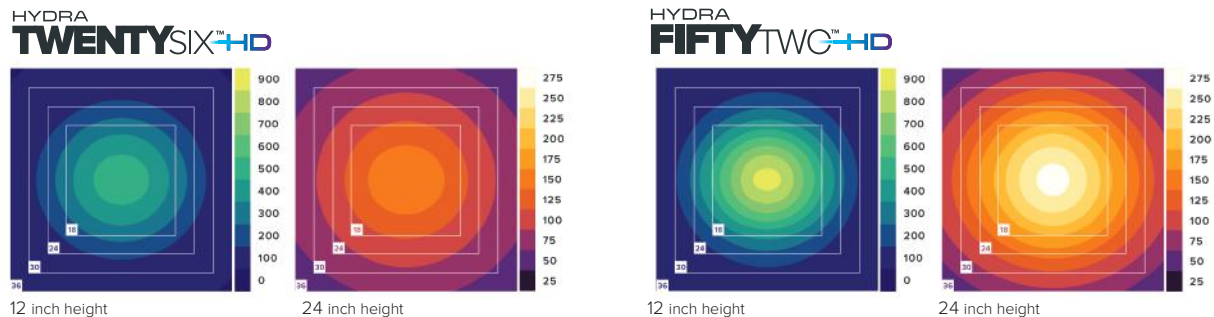
## GIVING CONTROL BACK TO YOU



With traditional LED lighting, there is a fixed total amount of power per color you can utilize to power your LEDs. With the Hydra HD Series from AI we're unleashing your LEDs' full potential by giving back control of the power to you.

## BRIGHTER THAN BRIGHT

No longer are you limited to using a fixed amount of power per channel, the Hydra HD dynamically adjusts power available to each color, borrowing power from the colors you're not utilizing. Giving you the most vivid spectrum your tank has ever seen.



## TRUSTED SPECTRUM



- Cree XP-G2 Cool White (>70 CRI)
- OSRAM OLSON Deep Red
- Cree XP-E2 Green
- Cree XT-E Royal Blue
- Cree XP-E2 Blue
- SemiLED 415nm
- SemiLED 400nm

# No Controller Required



## BUILT IN WiFi

Ai-Fi is the presence of built in WiFi in your AI devices allowing you to use the myAI™ app on any iOS or Android device to easily set up or program one or multiple AI Hydra HDs or Primes. Don't have a smart phone? Any WiFi enabled Mac or PC will work.

# Mounting Options

Mounting AI lights is brilliantly simple. Hanging kits and tank mounts are available in black and white. Mounting options are sold separately.



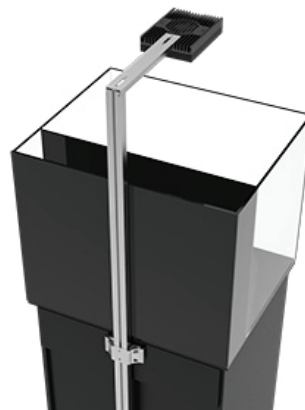
## EXT Rails

Connect, mount, and hang single or multiple lights together with these versatile rails. Made from extruded aluminum in silver or black. Available in 6", 12" and 18" lengths.



## EXT Hanging Kit

The EXT Hanging Kit allows you to hang one, or many, lights above your tank. Just link them with any length EXT Rail (sold separately). With the included 96 inch cables, the EXT Hanging Kit easily adjusts to any height.



## EXT Stand Mount

A sleek solution for mounting your Aquallu- mination lights to your tank stand. Attach the mounting bar and bracket to any flat surface with the included hardware.



## Classic Mounting Rails

Our versatile Classic Mounting Rails allow you to place the lights above your favorite corals by simply sliding the lights along the rails. The rails can easily be sized for your specific tank, and once placed you may move the modules as you wish about the tank.

# General FAQs

With new products come new questions. Please read the following FAQs carefully. If you have additional questions or comments contact AI customer service.

## Hydra HD Series FAQs

### Do I need a controller to program the Hydra HD Series?

No, the Hydra HD Series is equipped with Ai-Fi enabling it to be programmable through myAI.com or through the iOS or Android myAI™ app.

### Will the Hydra HD Series work with the New Controller?

No.

### Will the Hydra HD Series work with the Director?

A Director is not necessary to program a Hydra HD, however one or more HDs will operate alongside other AI LED modules that are being controlled by a Director. All AI LED fixtures including HDs will be identifiable and controllable using one myAI™ account.

### Where do I get the myAI™ app for my phone or tablet?

Go to the App store or Google Play and search for myAI™

### Will the original Hydra TwentySix and Hydra FiftyTwo still be available?

No, the Hydra HD Series are replacing the original Hydra lights.

### Do the HDs need to be programmed?

No, however if un-programmed the HDs will remain on at full intensity while powered on. In this case you should operate the Hydra HD Series with a timer.

### Can you color match the new HDs with the original Hydra FiftyTwo and Hydra TwentySix?

No, the colors and color proportions of the Hydra HD Series have changed.




























### Are the Hydra HDs compatible with AIs mounting solutions?

Yes, the HDs are compatible with the EXT and Classic mounting rails.

HYPERDRIVE SETUP	iOS	Android	Browser based set-up via direct WiFi	Browser based set-up via myAI™
With Internet Connection	✓	✓	✓	✓
Without Internet Connection	✓	✓	✓	X

# The AI Family



	Prime	Hydra TwentySix HD	Hydra FiftyTwo HD
<b>Max Wattage</b>	45W	90W	135W
<b>Channels</b>	7	7	7
White			
Blue			
Royal Blue			
Very Deep Blue			
Violet			
UV			
Red			
Green			
<b># LEDs</b>	13	26	52
<b>Body Colors</b>	 	 	 
<b>Length</b>	4.88"	7.3"	11.9"
<b>Width</b>	4.88"	5.4"	5.4"
<b>Height</b>	1.34"	1.6"	1.6"