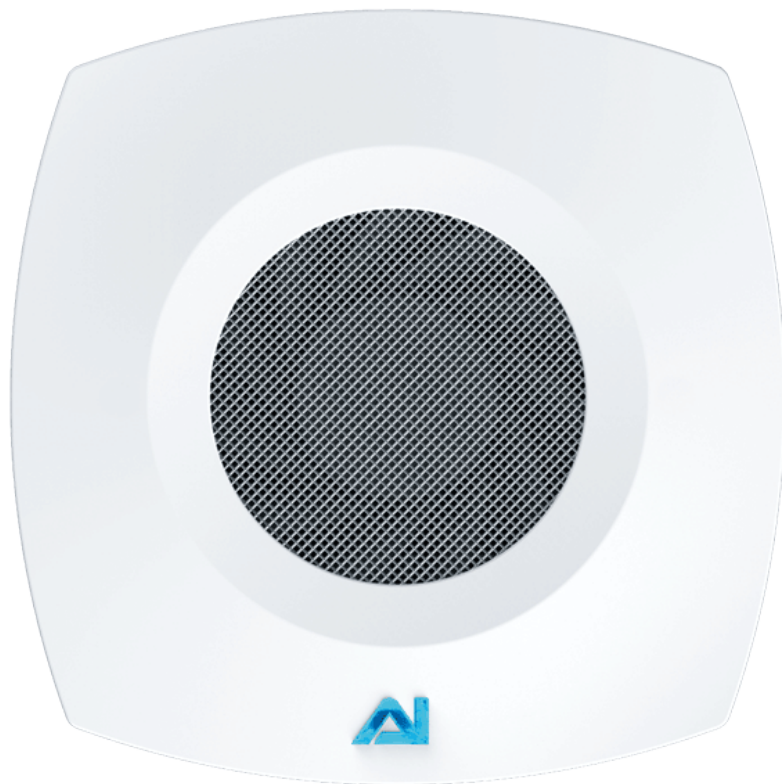




PRIME

Product Information

Overview

The all new AI Prime® has everything you have come to expect from an AI light in a smaller, more feature packed design.

Boasting a bright new full spectrum color mix the Prime has enough power for an 20 x 20 inch (50.8cm x 50.8cm) tank.

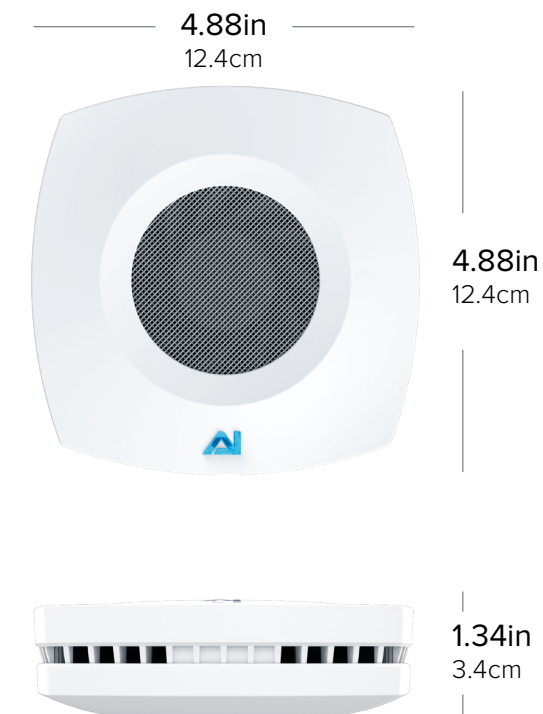
Built-in Wi-Fi control means it's ready to go right out of the box, no extra controllers needed.

Finish it off with our sleek aluminum mounting options (sold seperately) and you'll be up and running in no time.

Brilliantly Simple.

Specifications

The small and elegantly designed housing keeps a low profile while packing huge output.



PRIME COLORS



LED COLORS



COLOR CHANNELS

7

NUMBER OF LEDS

13

MAX WATTAGE

45 WATTS

MAX PAR

500 μ Mol

MAX COVERAGE AREA

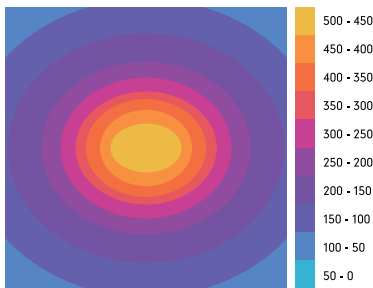
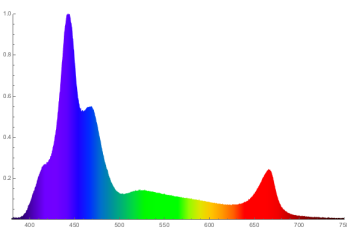
20X20 IN



LEDs



The AI Prime® offers the full-spectrum of colors that your livestock craves. The Prime features only the best LEDs from industry leading manufacturers.



Prime
Full Power @ 47W
Standard 80° Lens - 18" x 18" - 12" Height
μMol Units

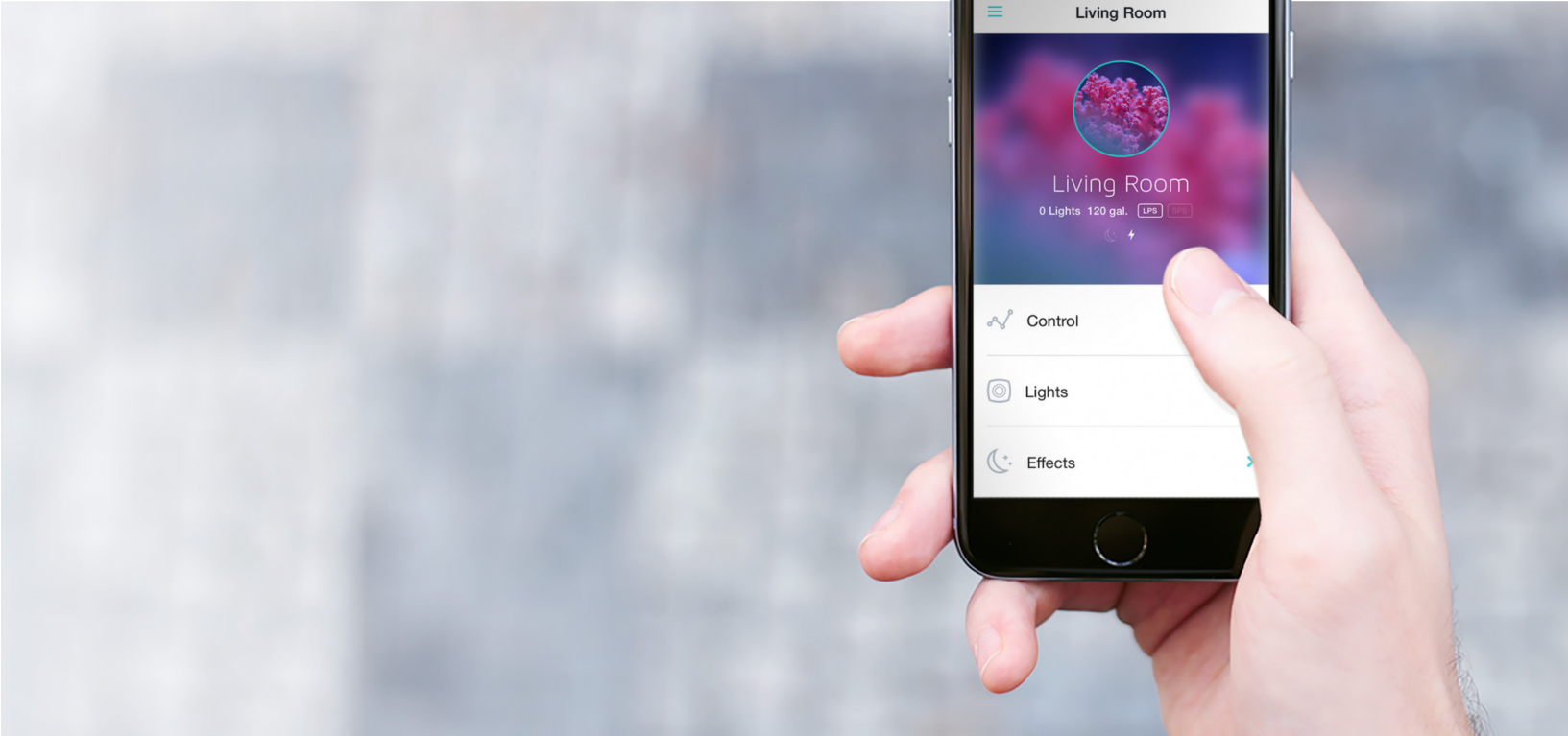
LED Specifications

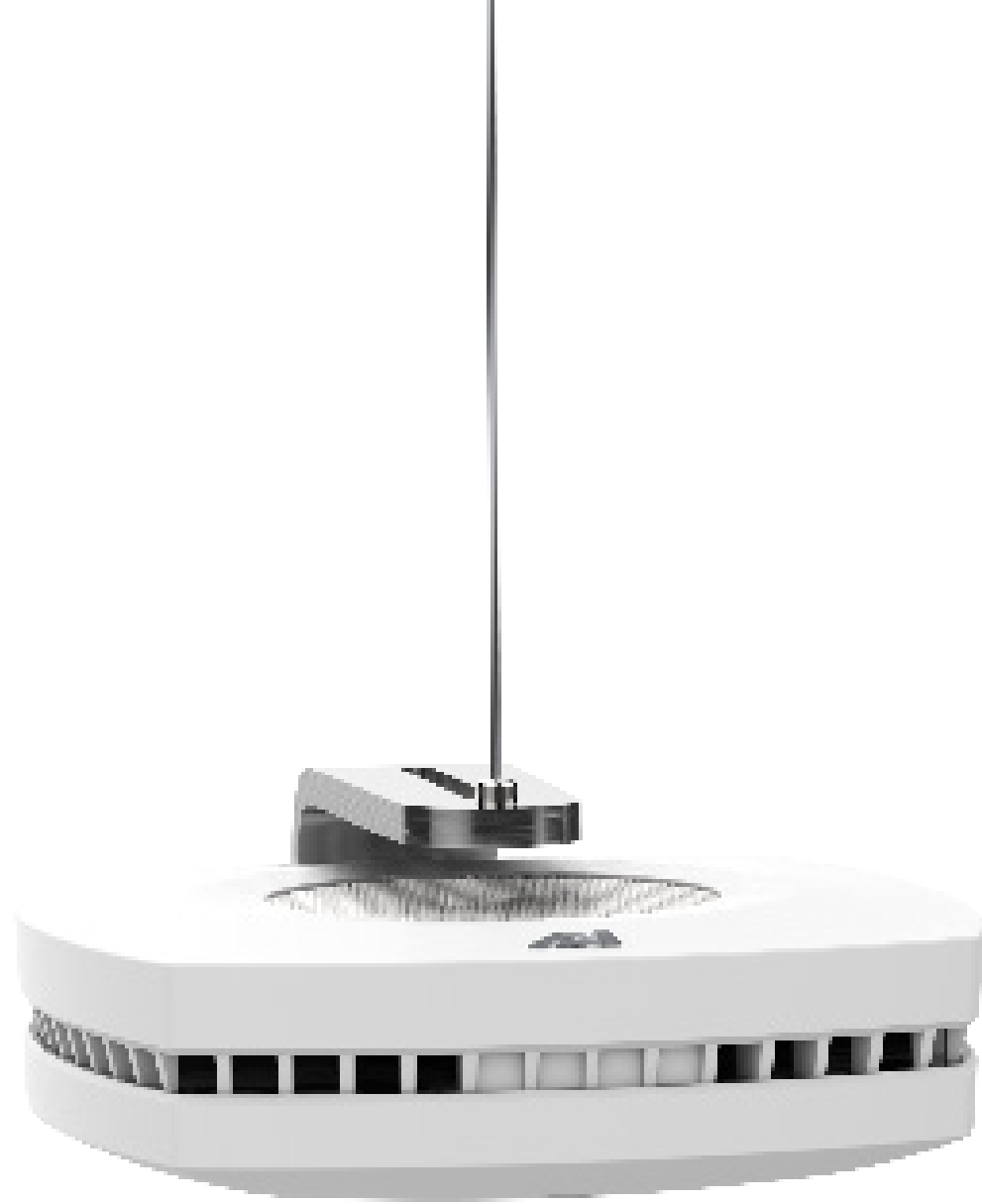
Manufacturer	Color	Quantity Per Puck
Cree	Cool White XP-G2	4
Cree	Blue XP-E2	3
OSRAM	Deep Blue SQUARE	2
SemiLED	415nm Violet	1
Cree	Green XP-E2	1
OSRAM	Deep Red OSLON	1
SemiLED	405nm UV	1



Wi-Fi Built in

The Prime is the first light from AI to include Wi-Fi control standard. Use the myAI app on any iOS or Android device to easily set up or program one or multiple AI Primes. Don't have a smart phone? Any WiFi enabled Mac or PC will work.





As Simple as Black and White

Mounting Options



Easily mount your AI Prime® on your rimmed or rimless tank with the Prime Tank Mount or Hanging Kit. The innovative ball joint makes it simple to tilt and turn your Prime to get the optimal light your corals need. Made of high-quality brushed aluminum it will look great on any setup. Comes in black or silver.

Mounting options are sold separately.



PRIME HANGING KIT - WHITE



PRIME TANK MOUNT - WHITE



PRIME TANK MOUNT - BLACK



PRIME HANGING KIT - BLACK

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.

Prime FAQs

Do I need a controller to program the Prime?

No, the Prime is programmable through my.aquillumination.com, the iOS, and Android apps or the local website.

Will the Prime work with the New Controller.

No.

Will the Prime work with the Director?

Yes. A Director is not necessary to program a Prime, however one or more Primes will operate alongside other AI LED modules that are being controlled by a Director. All AI LED fixtures including Primes 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.

Do I need an Internet connection to program the Prime?

See table below.

Prime Setup	iOS	Android	Browser-based setup via direct wi-fi	Browser-based setup via myAI
With Internet Connection	✓	✓	✓	✓
Without Internet Connection	✓	✓	✓	X

Does my Prime need to be programmed?

No, the Prime is able to be set to 0%, 1%, 20%, 40%, 60%, 80%, 100% intensities with a button press.

Will the Hydra TwentySix, FiftyTwo and Prime be usable together?

See previous question: Will the Hydra Prime work with the Director?

Do I need one of the Prime mounting solutions to mount the Prime?

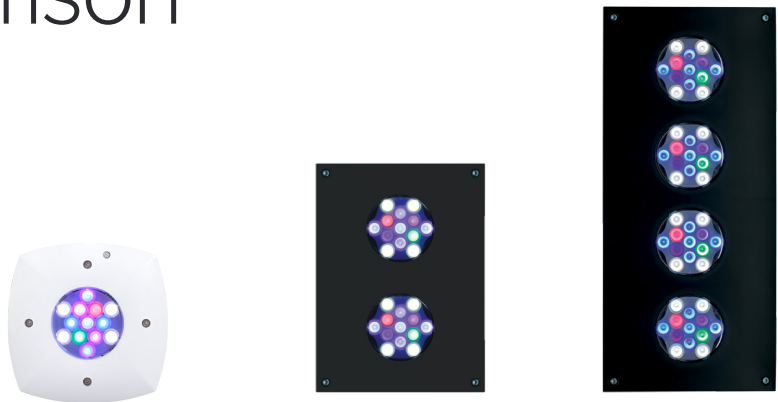
It is highly recommended to use an AI Prime® mount, DIY mounting will be difficult.

Is the Prime compatible with AI's other mounting solutions?

No, the Prime is not compatible with the EXT or Classic mounting rails.



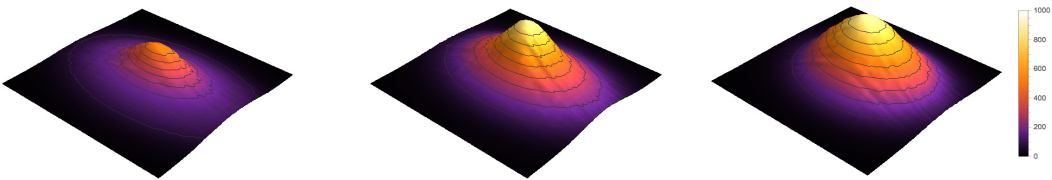
Comparison



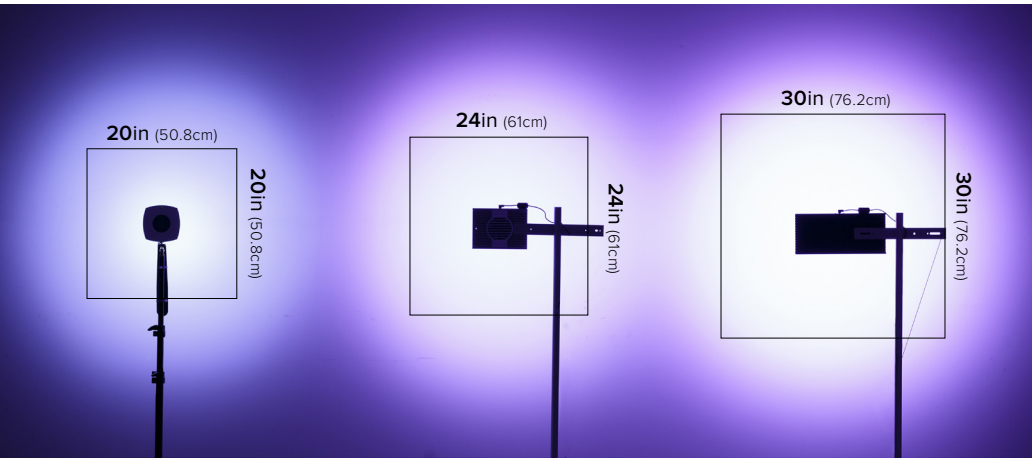
	Prime	Hydra TwentySix	Hydra FiftyTwo
Max Wattage	50W	90W	135W
Channels	7	7	7
White			
Blue			
Royal Blue			
Very Deep Blue			
Violet			
UV			
Red			
Green			
# LEDs	13	26	52
Body Colors			
Length	4.88 in (12.4 cm)	7 in (17.8 cm)	11.9 in (30.2 cm)
Width	4.88 in (12.4 cm)	5.4in (13.7 cm)	5.4 in (13.7 cm)
Height	1.34 in (3.4 cm)	1.6 in (4 cm)	1.6 in (4 cm)



PAR Output



Visible Output



Quantity Recommendations

Capacity	Tank Size	Prime	Hydra TwentySix	Hydra FiftyTwo
Under 30 (114L)	Less than 20" x 20" (50.8cm x 50.8cm)	1	1	1
27 Gallons (102L)	20 x 20 x 18 in (50.8cm x 50.8cm x 45.7cm)	1	1	1
40 Gallons (114L)	24 x 20 x 19 in (61cm x 50.8cm x 48.26cm)	1	1	1
60 Gallons (227L)	36 x 24 x 16 in (91.4cm x 61cm x 40.6cm)	2	2	1
80 Gallons (303L)	48 x 24 x 16 in (122cm x 61cm x 40.6cm)	3	2	2
120 Gallons (454L)	72 x 24 x 16 in (183cm x 61cm x 40.6cm)	4	3	3