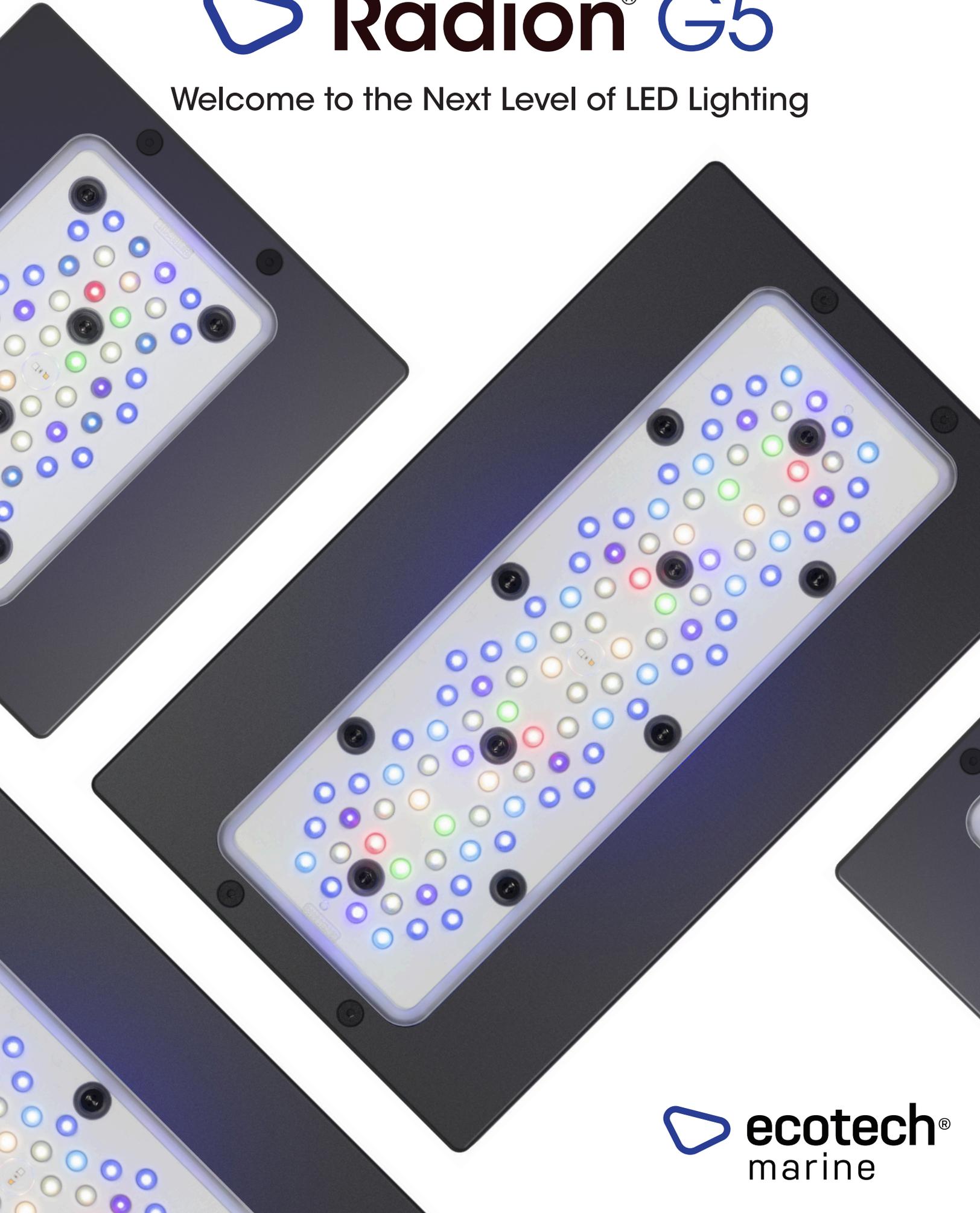




# Radion<sup>®</sup> G5

Welcome to the Next Level of LED Lighting





## Next Level Color

Color from the G5 is impressive. Blue or Pro, XR15, or XR30 coral will pop. G5 brings speed of growth, intensity of fluorescence, and nuance of color rendition to new heights. Crafted with the best LEDs, the optimized output from next-generation HEI Optics, and more color channels, Gen 5 is in a class of its own.

## Beyond Peak PAR

More powerful than ever before, the Radion lineup delivers more coverage per fixture. The new single cluster design and optimized optics cut hot-spot PAR by 30% and provide 35% more total output. In the aquarium, this translates to more usable light over more area, creating the widest possible ideal par from your coral.

## Advanced Heat Management

EcoTech Marine aims to produce the most minimally intrusive reef aquarium equipment available. The G5 continues to showcase Radion's sleek styling and small footprint, but is now even quieter. A completely redesigned fan and newly evolved heatsink cool the Gen 5 more efficiently, allowing the fan to run at lower speeds. Your ears will notice a difference.

## Mobius Control

More colors mean more channels, and with Mobius, programming and controlling your G5's increased power is even easier and faster. Mobius means almost instant setup and programming. Local wireless control and programming can be accomplished with either current OS version iOS or Android smart device. Off-site WiFi control is missing from the G5 at launch but will be enabled in the near future. Once again, the Radion will set new standards for technologically advanced and innovative control.

## Moonlight

The Generation 5 sets the mood with two dedicated low output moonlight LEDs, each on an independently controllable channel.

# Brilliantly Evolved

Radions are the standard in aquarium lighting for a reason. Each generation incorporates the best of proven results and the latest in design and technology to give our customers a blend of state-of-the-art tech to achieve unparalleled success.

Radion - the evolution continues.

## Standard Mounting Configuration

Mounting locations on the G5 fixtures are consistent with previous Radions allowing for mounting hardware compatibility.\*

## Integrated Dust Protection

Mesh guard to keep dust out of the Radion fan and heatsink.

## Optimized LED Placement

Single cluster with geometric LED placement to improve spread and color mixing. Even PAR distribution reduces hot-spots and benefits coral health.

## Advanced Heat Management

An all-new fan design keeps the G5 cooler and quieter than ever before.



## Next Level HEI Optics

Improved spread and better color mixing. The next evolution of Hemispherically Edge Illuminating Lens Technology.

## Moonlight

Dual-color dedicated moonlight channel.

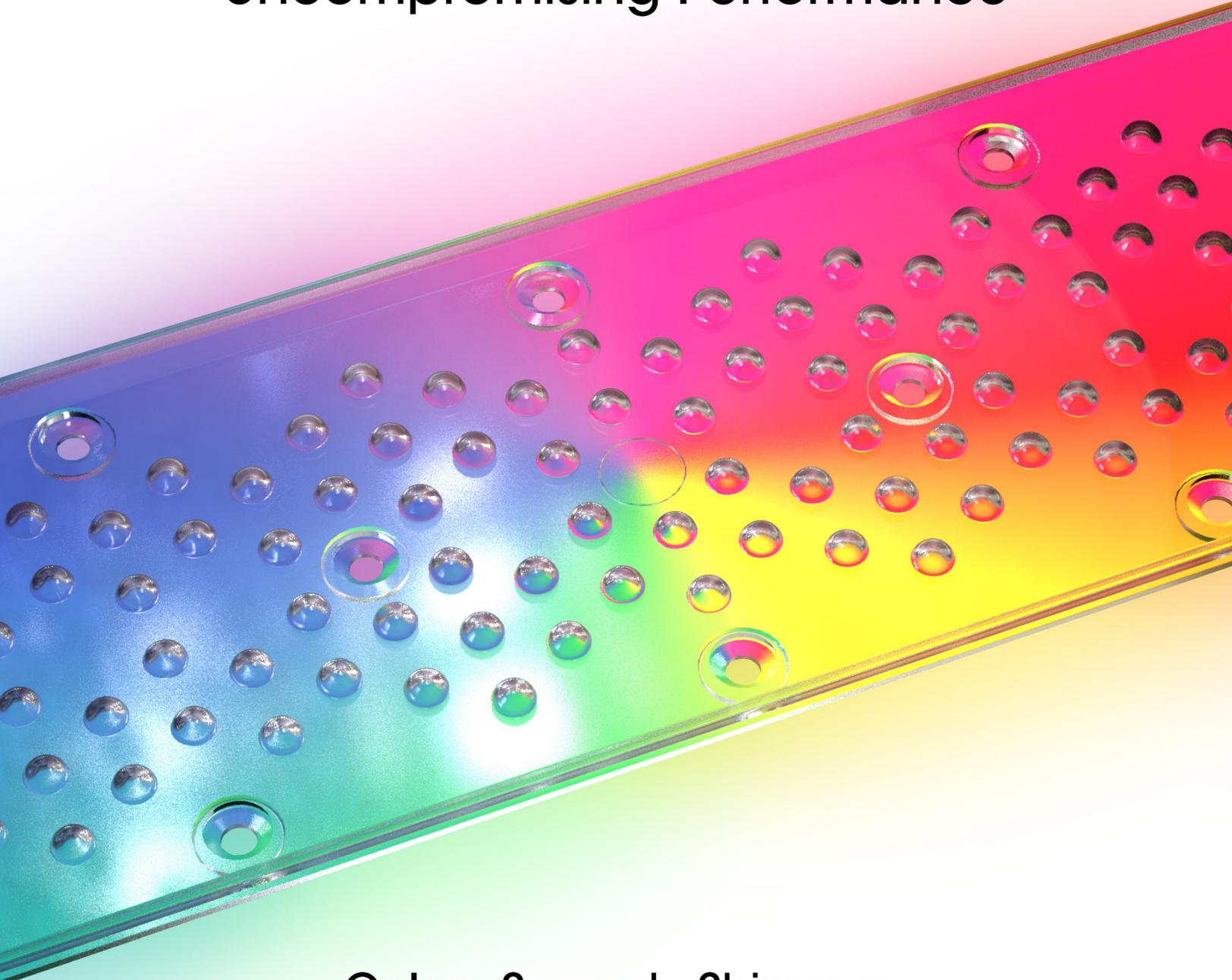
## Uni-Body Lower Cover

Tighter tolerances and the removal of potential water ingress weak points improves longevity in moisture-rich environments.

\*Single arm mounts require an adapter kit.

# The HEI Optical System

Uncompromising Performance



## Color - Spread - Shimmer

G5 delivers advancements that must be seen to be believed. The Radion's optical system provides smooth color mixing, wide but even spread, and balanced intensity that fills the aquarium. Even more impressively, the Radion does so without sacrificing the beautiful light shimmer that gives the reef a realistic underwater look.

# Beyond Peak PAR

## What Makes the Best Aquarium Light?

The best aquarium light should excel at two things: The first is in providing the intensity and color light that marine life needs to grow and thrive. The second is to accomplish the expectations of the aquarist. The G5 Radion Lineup does both.



## Beyond Peak PAR

Improvements in LED and optics technology deliver the light that makes your livestock grow and thrive.

Wider and more even spread blankets your aquarium with light at optimum PAR levels.

Even lighting facilitates coral placement and delivers more usable real estate without risking over-lighting directly beneath the fixture.

## Total Luminance

Impressive performance improvements in the G5 platform come from shifting energy wasted as hot spots to total luminance. The result is a significant increase of usable in-tank light, more even coverage, and visually brighter, more pervasive light in the aquarium.

- PAR at the Ranges Needed
- Wider Spread
- Overall 35% More Light
- Beautiful Caustics
- Smooth Color Mixing



**Radion XR30 Pro**



# Pro / Blue

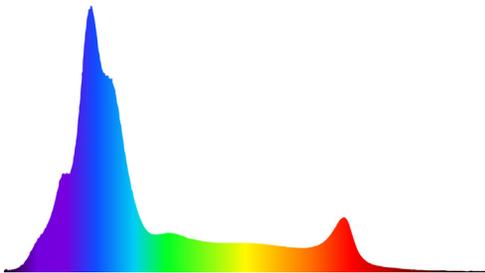
Only Good Choices.



## G5 Pro

From Aquaculture to the home aquarium, there is a high likelihood that the coral you know and love has been grown or “colored-up” under a generation of Radion Pros.

Powerful. Flexible. Proven.

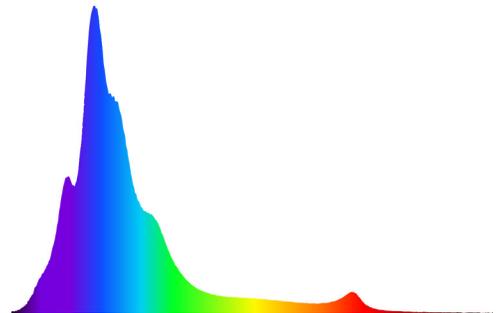


- Full Spectrum
- 10 Channels
- Pro's Trademark Balanced LED Mix
- Proven Halide Spectrum and Previous Pro Spectrum
- Flexible Spectral Output

## G5 Blue

The aquarium light for those who know exactly what they want. The Gen 5 Blue is full-spectrum, but LED selection favors the Blue channels and high output for use with our Corallab AB+ spectrum.

Put all of your power into Blue.



- Full Spectrum
- 10 Channels
- Blue Dominant LED Mix
- Proven Corallab AB+ Spectrum
- Spectrum selection guarantees simple results



# Diffuse Brilliantly



- Integrated Magnetic installation; no tools
- Easy to Clean
- Improved Color Mixing and Caustics
- Minimal Reduction in PAR

## Great Color, Uniform Spread

G5 moves the bar higher for even PAR and stunning color mixing. Even so, there is always room for a little more. Diffuser technology further blends light at a small cost to PAR. G5 model diffuser accessories (sold separately) seamlessly mount to magnets already incorporate in the fixture. The result is a beautifully fitting diffuser accessory that attaches in seconds.

# Quiet Cool

Total Improvement



A state of the art heat-sink design coupled with an EcoTech designed fan make the G5 the most efficient and quiet Radion yet.

Our dream has always been to make a complete aquarium system composed of smart equipment that augments, not distracts from the natural beauty of the inhabitants.



# G5 Mounting

## Single Light RMS Mounting

New with Gen 5 are RMS single mounts and accessories. The new single mount RMS kits for the XR15 and XR30 will also work with all previous models of Radion. Upgrade kits to update original RMS kits to be G5 compatible are also available. The new X-Bracket assembly raises the light an additional 1/2 inch without increasing the bracket height. Lights may be mounted at 90-degree increments.



## Multi-Light RMS Kit

All new G5 X-Brackets fit the existing RMS multi-light kit. The multi-light rail kit is available in lengths up to 8ft and allows a stable tank mount solution for large tanks with multiple lights. RMS multi-light kits work with both XR15 and XR30 model lights or a mixture of both.

## RMS Hanging

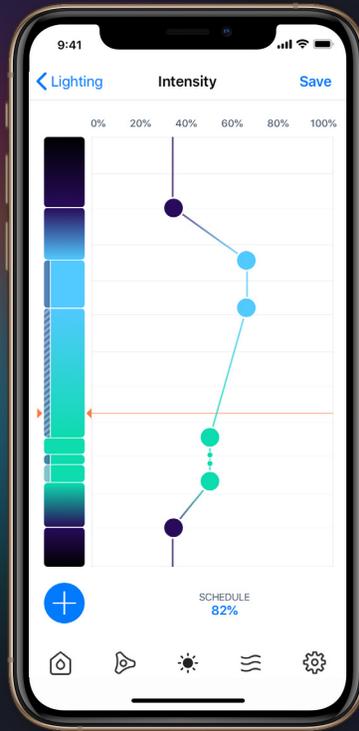
If tank mounting is not an option for your multi-light rail - or you prefer an even more minimal aesthetic - hang the multi-light rail. New G5 X-Brackets for the XR15 and XR30 are sleek and bring the lights 1/2 inch closer to the rail.





# Smart Devices

Control without a controller.



You've never programmed an Aquarium this easily.

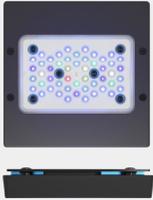
You've invested in your ecosystem with the smartest and most capable EcoTech equipment. Now unlock the true potential of this system with nothing more than an app on your smart device.

Learn more at [Mobius.app](https://Mobius.app)



# G5 Specifications

## XR15Blue



### Dimensions

Length	7in.(18cm)
Width	7in.(18cm)
Height	1.5in.(3.9cm)
Weight	3.5lbs.(1587g)

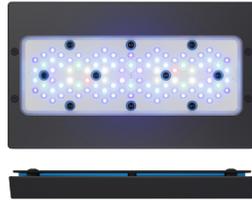
### Power Specifications

Power Consumption	100W
Universal Input Range	100-240VAC 50/60Hz
Peak Inrush Current	1.3A

### LEDs

Cool White	3	
Royal Blue	20	
Blue	12	
Photo Red	1	
Lime	2	
UV(405nm)	2	
UV(415nm)	2	
Violet	3	
Cyan	5	
Lunar Light	2	

## XR30Blue



### Dimensions

Length	11.8in.(30cm)
Width	7in.(18cm)
Height	1.5in.(3.9cm)
Weight	4.5lbs.(2041g)

### Power Specifications

Power Consumption	205W
Universal Input Range	100-240VAC 50/60Hz
Peak Inrush Current	4.0A

### LEDs

Cool White	6	
Royal Blue	40	
Blue	24	
Photo Red	2	
Lime	4	
UV(405nm)	4	
UV(415nm)	4	
Violet	6	
Cyan	10	
Lunar Light	2	

## XR15Pro



### Dimensions

Length	7in.(18cm)
Width	7in.(18cm)
Height	1.5in.(3.9cm)
Weight	3.5lbs.(1587g)

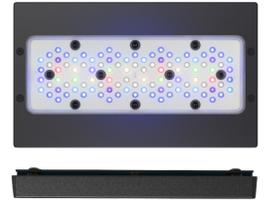
### Power Specifications

Power Consumption	105W
Universal Input Range	100-240VAC 50/60Hz
Peak Inrush Current	1.3A

### LEDs

Cool White	12	
Royal Blue	16	
Blue	8	
Photo Red	2	
Green	3	
UV(405nm)	2	
UV(415nm)	2	
Violet	2	
Warm White	3	
Lunar Light	2	

## XR30Pro



### Dimensions

Length	11.8in.(30cm)
Width	7in.(18cm)
Height	1.5in.(3.9cm)
Weight	4.5lbs.(2041g)

### Power Specifications

Power Consumption	215W
Universal Input Range	100-240VAC 50/60Hz
Peak Inrush Current	4.0A

### LEDs

Cool White	24	
Royal Blue	32	
Blue	16	
Photo Red	4	
Green	6	
UV(405nm)	4	
UV(415nm)	4	
Violet	4	
Warm White	6	
Lunar Light	2	



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marine

