

## About

Orphek is a company dedicated to producing LED lighting with unmatched quality and customer service. We are the only LED light manufacturer that engineered our own diode. Made specifically for coral reef aquarium lighting, we believe (and have the spectrographic data to prove) that our diode is superior to any other on the market for reef aquarium lighting.

## The Orphek Difference

The components of our lights, from the housing to the diodes themselves, are made by us, for us. There are no cheaply made or mass produced components in any of our products. Combined with our meticulous attention to detail in terms of internal configuration, cooling, waterproofing, lens design, and more, and you have an LED light that truly will last 10+ years (with minimal luminous decay) operating in a salty, humid environment, and saving you thousands of dollars in electrical bills in the process. Once you experience Orphek Quality, you won't look back.

*Apples to apples comparison doesn't work with our product when compared to other LED products, and here's why:*

We use our own diode, developed after two years of research that is spectrally superior, more efficient (in terms of electrical consumption to PUR output), and emits a greater percentage of light as photosynthetically useable radiation than do the Cree or Luxeon diodes offered by other LED fixtures. The diode is driven by high quality, constant-current electronics which prevent spectral shift and allow for a very well modulated light output (we are the only LED lighting manufacturer to use constant-current power supplies and drivers!). We then outfit the diodes with a lens from an advanced optical company that greatly reduces water surface refraction and reflection so that more light makes it to your coral.

If you take apart any other LED light on the market today, you can see that after 2-4 years many units on the market will most likely begin to corrode (not to mention spectral and light output degradation) due to their inferior circuits, drivers and other electronics. Another downfall of cheap internal electronics: they lose efficiency quickly, often 30% in the first 2-4 years, so while they may continue to operate for the advertised 50,000 hours, it will be at a much lower output than at the time of purchase.

If you take apart one of our units, you will see the high quality components, superior PCBs, a full length active cooled heatsink, and under-driven LEDs for a vastly increased lifespan (10-15 years) with slower and much less output degradation. Each light is built by hand, and every component of our light is tested in-house. No other manufacturer or fixture offers these benefits, and our PR-156 is the only LED solution that is truly a replacement for hot and energetically expensive 400w metal halide lighting that will maintain and grow healthy reef invertebrates for years or even decades.

Quite frankly, we make the highest quality LED aquarium lights money can buy, so why settle for less?

### Warranty Information

All Orphek products are warranted for one year (two years in the EU), and the diodes are covered for three years. During this period we will repair or replace the defective unit or part, providing the following conditions have been met:

1. This warranty applies only to the original owner (keep your receipt!)
2. The equipment has not been opened, disassembled, misused, abused or submerged (to be determined by our repair staff)
3. Repairs have not been attempted by anyone other than our Customer service staff or any authorized agent or dealer, or under the instruction of our customer service staff
4. Equipments returned for service with missing parts or parts replaced by anyone other than our customer service will not be covered under this warranty

This guarantee does not confer rights other than those expressly set out above and does not cover any claims for consequential loss or damage. This guarantee is offered as an extra benefit and does not affect your statutory rights as a consumer.

Knowing that marine reef aquariums can perish without proper lighting, should the entire unit need to be replaced under warranty, the option to receive the replacement unit before sending out the defective unit is an option, please contact customer service in your country for more information.