



Press Release

February 15, 2021

Signify's LED lighting helps The Kingfish Company to accelerate eco-friendly fish growth

- Improves energy efficiency, optimizes feed conversion and reduces costs
- Allows Kingfish to exceed system design output by as much as 30%
- Promotes consistent growth of land-grown Yellowtail fish and helps to reduce stress in fish

Eindhoven, the Netherlands – [Signify](#) (Euronext: LIGHT), the world leader in lighting, supplied Kingfish Company with [Philips Aquaculture photoperiodic LED lighting products](#) to optimize fish growth and feed conversion at the world's first sustainable land-grown aquaculture facility for Yellowtail fish. The lights provide effective and energy-efficient lighting for the large tanks and allows Kingfish to achieve as much as 30% higher production than designed for. The facility is equipped with proprietary recirculating aquaculture systems (RAS) and uses seawater and 100% renewable energy to deliver a healthy, antibiotic-free delicacy: the Dutch Yellowtail or Kingfish.

Fish need light to grow at their best. Lighting is not only needed to see the other fish and food provided, but it is also the only way for fish to determine time and season. Larger and deeper tanks, with fish that grow in changing water conditions, create challenges for light distribution. Via specific developed optics, light is distributed homogenously throughout the tank, avoiding dark spots. The electronics within the lights mimic sunrise and sunset. The grow lights have an optimal light recipe to bring enough light within the tank, increasing visibility on the food and each other. This reduces stress, improves food conversion ratio and allows fish to grow at their best.

“To achieve success, you must get all aspects right in the RAS, and light is one of them. We chose Signify because of their expertise and credibility. They were the first to offer LED lighting in aquaculture, and do long-term research in this area,” said Kees Kloet, COO of The Kingfish Company. The results give us confidence as we scale up our production,” said Kloet.

“With the world population expected to increase to 10 billion people by 2050, we also expect demand for fish-based protein to skyrocket,” said Remco van Lansbergen, General Manager for Signify Aquaculture LED solutions. “Fish grown in aquaculture facilities can offer an important contribution to fulfill that need, and we in turn are happy that our LED lights can help in improving the wellbeing of the fish, while also resulting in better growth and lower costs for fish farmers.”

Supporting food availability through aquaculture LEDs illustrates our commitment to supporting good health and wellbeing (SDG3) and is key to our commitment to doubling the percentage of our revenues for brighter lives, which benefit society, to 32%, as part of our [Brighter Lives, Better World 2025](#) program, which we [launched](#) in September 2020.

For more information about our Philips-branded aquaculture lighting, visit our [aquaculture pages](#).



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About Signify

[Signify](#) (Euronext: LIGHT) is the world leader in lighting for professionals and consumers and lighting for the Internet of Things. Our [Philips](#) products, [Interact](#) connected lighting systems and data-enabled services, deliver business value and transform life in homes, buildings and public spaces. With 2020 sales of EUR 6.5 billion, we have approximately 38,000 employees and are present in over 70 countries. We unlock the extraordinary potential of light for brighter lives and a better world. We [achieved](#) carbon neutrality in 2020, have [been](#) in the Dow Jones Sustainability World Index since our IPO for four consecutive years and were named [Industry Leader](#) in [2017](#), [2018](#) and [2019](#). News from Signify is located at the [Newsroom](#), [Twitter](#), [LinkedIn](#) and [Instagram](#). Information for investors can be found on the [Investor Relations](#) page.

About The Kingfish Company (Euronext: KING)

The Kingfish Company is a proven leader in high value seafood production, utilizing land-based RAS technology. The company sustainably produces Yellowtail Kingfish, a highly versatile seafood species, with an active vertically integrated operation in the Netherlands, and a second site in advanced permitting in Maine, planned to supply the North American market.

www.the-kingfish-company.com