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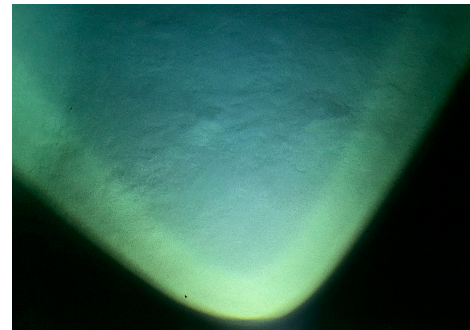
High-Powered Underwater Lighting System

May 12, 2019, Ocean Presence Technologies (OPT) announces a new high-powered LED lighting system to compliment their Ultra-high-definition underwater cameras. "We recently added two Ultra-high-definition cameras and now have high-powered lighting to work with these cameras," says OPT's President Robert Aston. The OPT-HPL is available in single, dual, triple and four modules configurations capable of covering up to 360-degrees of viewing.



Each OPT-HPL lighting module emits 60 watts of white light covering 100-degrees in both horizontal and vertical directions. The highly compact modules can be daisy-chained to cover a wider area. The system can support up to four modules over a single underwater power cable. Wet-mateable connectors can also be employed to connect lights directly to cameras, thus additional cabling to the surface is not required.

Each LED module has a 316 marine-grade stainless steel housing with temper glass lenses and is rated to 180 feet (55 meters) or more. Designed with overheating and reverse connection protection, the lights operate within a wide 10~30 VDC range making possible longer cable installations and operation from batteries.



Designed for vibration and shock resistance, the lighting is intended for long-term underwater deployment. In addition, the lights are coated with a special anti-biofouling protective film that maximizes the long-term performance of underwater lights. The eco-friendly foul-release coating enhances luminosity by increasing emitted light organization while decreasing its scatter. The nontoxic release coating prevents barnacles and algae from colonizing on underwater surfaces.

With high luminous efficiency and more than 50,000 hours of product life, the OPT-HPL can operate underwater for years with minimal maintenance.

Ocean Presence Technologies

OPT designs and manufactures a full product line of ultra, high and standard definition underwater IP video equipment. Products include: cameras, underwater lighting, remote power systems, data recorders and wireless network components. Originally designed for research with manta rays, the OceanCam is now being employed in research, education, security and other commercial oceanographic applications. Cameras, underwater lighting and accessories are sold through international distributors and through direct sales staff at the Santa Cruz, California facility.

For pricing and more information on our full line of fixed lens, PTZ (pan-tilt-zoom) and Ultra-high-definition Internet-ready cameras and underwater lighting, please visit www.oceanpresence.com or email: oceanpresence@gmail.com