



The Undersea
JOURNAL
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Some call it Fluo, others call it Fluoro, just don't call it UV. Fluoro diving is an amazing underwater adventure. Viewing Fluorescence underwater is a psychedelic display of color. If you ever wondered why and how it happens, here's a short explanation:

The SeaLife Fluoro lights use a precision blue-colored light source with a light frequency of 455nm. The blue LEDs with integrated dichroic filter specifically targets the wavelength needed to "excite" marine organisms, creating a vivid color effect. The "excited" marine plant or animal actually emits its own light. A second filter is needed to block the blue light from coming back into your eyes, so you clearly see the light being emitted by the organism. This is called a barrier filter and is made of a yellow acrylic material, absorbing the intense blue light reflected from the target. The

barrier filter is placed over your dive mask and camera lens. Since the emitted blue light is not UV light, it is harmless to human or other animal's eyes, yet the SeaLife Fluoro lights create more "excitation" than traditional UV lights.

Sea Dragon Fluoro Lights have been developed in collaboration with Fire Dive Gear, the world's leading authority on underwater fluorescence.

Discover Fluoro



Sea Dragon Underwater Fluoro Lights

SeaLife offers two options for the Fluoro experience; the first includes a handheld "[Mini Fluoro](#)" torch, ideal for viewing the colorful fluorescence effect. For photographers, the "[Fluoro-Dual Beam](#)" offers both Fluoro light and a 800 lumen white light beam so you're able to use the light as a dive light as well. The Fluoro Dual Beam includes a universal camera barrier lens filter, and both lights include a universal mask barrier filter. And while Fluoro dives are normally done at night for maximum effect; organisms will fluoresce in the daytime, especially in deeper water and in shadows and caves.

[More Info](#)



Show the world the magic of fluoro diving

We're calling on all dive pros to show the beauty of fluorescence to divers worldwide! You may purchase one or both of the SeaLife Sea Dragon Fluoro lights at a one-time 20% Discount using Coupon code **PADI2021Pro** (USA only; consult our [dealer locator](#) for availability in your country). You'll be equipped to show and teach the magic of Fluorescence (contact us for teaching aids and more info). Your students and clients will be amazed!

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