

# BeyondBulbs

## BeyondBulbs

SEE THE DIFFERENCE

Five years now into the 21<sup>st</sup> century, significant advances in technology have drastically improved our airframe, hydraulic, electronic, avionics, and many other systems. For portable lighting in the cockpit and around the aircraft, you should also enjoy the advantages of 21<sup>st</sup> century technology...LED lighting from BeyondBulbs.

Gone are the days of having to depend on flashlights with weak or dead batteries, undependable incandescent bulbs, and corrosion from water leakage.

BeyondBulbs.com is THE source for 21<sup>st</sup> century lighting equipment — a single destination on the web for professional-grade personal safety lighting equipment and accessories serving commercial pilots and crew, private aviators, and many others in the areas of safety and rescue operations.

Behind the majority of the vast array of lighting equipment distributed by BeyondBulbs is the latest in Light Emitting Diode (LED) technology, tiny devices that produce light when electrons flow through them. LEDs have been around since the 1970's, but only in the past few years have advances in semiconductor fabrication allowed production of cost-effective high-power pure white LEDs.

LEDs draw much less power than conventional incandescent bulbs, thereby greatly extending battery life. And the light coming from a white LED is distinctly brilliant and...well...*white!*

The difference between the light from a BeyondBulbs LED flashlight and that of conventional flashlight, when observed side-by-side, is striking, almost breath-taking. Absent is the yellowish tone (due to the bulb's output being shifted into the red end of the color spectrum), as well as the annoying rings and dark spots inherent in an incandescent beam. LED light is shifted towards the blue end of the spectrum, hence the high-quality, virtually pure white light output.

The "burn duration", i.e., continuous on-time, for LED lights in general is orders of magnitude longer—from 50 to 700 hours of light on one set of batteries (depending on the model) — compared to 1 ½ to 4 hours with conventional incandescent lights. Four nights without AC power would require a \$50 investment in batteries with the conventional flashlight.

In addition to the extended battery life and the resultant cost savings on batteries themselves, LED flashlights have a host of other advantages—they are extremely durable, dependable, and safe (with little heat production); they are normally completely encapsulated and virtually indestructible, and with an operational lifetime of up to 100,000 hours, bulb replacement costs are eliminated also!

For pilots, co-pilots, navigators, ground mechanics, flight attendants, and the various people who work in and around aircraft, BeyondBulbs offers a wide variety of LED flashlights available for many different applications.

[www.beyondbulbs.com](http://www.beyondbulbs.com)  
phone 800-260-3063 fax 813-926-1390

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The small, but powerful **Inova T3** and **T4**, plus three great models from **Streamlight**—the **TL3**, **Scorpion**, and **2L3W LED** lights—are all excellent choices for crewmembers with limited space in their flight bags. In addition, many of these flashlights can be purchased with a variety of accessory filters for colored light beams, perfect for in the cockpit.

Recent hurricanes and other natural disasters have brought even more attention to the reliability and effectiveness of lighting equipment stored in home, commercial, police/military and aircraft emergency kits. For disaster preparedness, the **Streamlight Propolymer 3C LED** is a highly effective solution, as well as the **Lightwave Pro 3000** and **Pro 4000** flashlights. Although less compact than the flashlights designed for in and around the aircraft, these particular models are highly recommended for emergency, early response, and disaster recovery, since they have an even longer burn life on a single set of batteries than the tactical type lights.

To serve the aviation, law enforcement, first-response, firefighting, rescue, dive rescue, disaster recovery, and many other professional users, BeyondBulbs offers an extremely broad selection of products, including lighting and accessories from **Streamlight**, **Lightwave**, **Tektite**, **Pelican**, **Photon Light** and **Inova**.

On the BeyondBulbs web site, you can build a complete emergency readiness kit: LED flashlight, strobe, and even a satellite phone....and store them all in a weatherproof lockable **Pelican** case.

**Pelican** cases, which for years have been the only choice for professional photographers to transport their delicate equipment, provide unbreakable, watertight, airtight, and corrosion proof storage of just about anything. They come in a vast array of sizes, colors, and types...all available at [Beyondbulbs.com](http://Beyondbulbs.com).

When a business, flight, or rescue operation is centered in a remote area beyond the reach of cellular and traditional landline services, ultra-reliable satellite phone communications are vital. For satellite phones, BeyondBulbs also provides the latest 21<sup>st</sup> century technology, including equipment on the **Globalstar**, **Iridium** and **BGAN** systems. These phones have become critical equipment for those in the maritime, aviation, government, military, emergency, humanitarian services, mining, forestry, oil and gas, heavy equipment, transportation and utilities industries.

Go to....

[www.beyondbulbs.com](http://www.beyondbulbs.com)...

...or call **1-800-260-3063**, for more information about the best selection of advanced 21<sup>st</sup> century technology in portable lighting, satellite phones, and weatherproof storage.

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