



## FULL-SPECTRUM LIGHTING FOR BIRDS

**Full spectrum lighting** has been shown to be beneficial to birds by mimicking a bird's natural environment. Breeder aviaries, exotic bird collections and poultry production farms were some of the original places that full spectrum lighting was used and observed to demonstrate a definite positive effect.

An important benefit of full-spectrum lighting is the effect it has on the glandular system; the **Thyroid Gland** controls how and when the other glands function and for it to function properly, it needs to be stimulated by normal photoperiods of full-spectrum light. **The Hypothalamus** is involved in proper feather development and skin. **The Pineal Gland** controls the cyclical processes such as molting and the reproductive cycle. Birds have four-color vision and the lower wavelength ultraviolet (UVA) adds the fourth visual perspective. Correct spectrum and photoperiod of light are also critical factors in normal preening as well as the skin and feather health of birds. If a bird's system is not stimulated through adequate environmental lighting to maintain proper endocrine function, it may become lethargic and not continue normal preening behaviors.

*\*Glass windows filter out up to 90% of the beneficial UV spectrum unless that glass was made pre-1939. Aluminum screening used can filter out 30% or more UV light. High-grade acrylic (cages) filters out less than 5% of the UV light.*

**The FeatherBrite light** can provide these important benefits. We are very excited to offer our customers the newest technology in lighting for the health and wellness of your pet bird. The FeatherBrite 9.5-watt, LED Daylight full-spectrum bulb is a 5500k, 91cri bulb and contains no UV's. It has a standard screw-in base and is rated 25,000 hours. No burn in time is required. This bulb cannot be used with dimmable controls. Recommended light time length is natural daylight hours every day and a timer can be used. Our FeatherBrite UV bulb is used along with the daytime bulb to give your pet bird everything lighting can provide. The UV bulb is 1.5 watt and 400 nanometers. It is rated for 5000 hours. It gives off a violet-blue light and is considered low dose UVB at .04% and 8% UVA so that you can leave it on all day and night without harming your pet bird but also gives them enough UVB for their health. It can also kill bad bacteria. These new bulbs are economical to run and contain no mercury.

### Our lights are designed with your bird's health and well being in mind.

- A durable non-toxic powder coat is used on our spun aluminum shades.
- Stainless steel wire safety arm is attached that keeps the electric cord a safe distance from the cage.
- Stainless steel cage attachment.
- Assembled with UL listed components.
- Attaches easily without the use of hardware.
- Fits on top of most bird cages.
- Our lights are handcrafted with superior workmanship and quality.
- Patented design.



Universal Light

**Every day is a "Sunny" day with FeatherBrite Full-Spectrum Lighting!**

Made in America

