



May 5, 2016

Florida Fish and Wildlife Conservation Commission

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(850) 488-3831
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Managing fish and wildlife resources for their long-term well-being and the benefit of people.

620 South Meridian Street
Tallahassee, Florida
32399-1600
Voice: (850) 488-4676

Hearing/speech-impaired:
(800) 955-8771 (T)
(800) 955-8770 (V)

MyFWC.com

Charles Weber
Sunshine Lighting
3698 ½ NW 16th Street Bay A
Lauderhill, FL 33311

RE: Wildlife Lighting Certification

Thank you for the opportunity to review your products through the Wildlife Lighting Certification Program. We received and tested the 80147 A19 Orange LED and 80148 A19 Red LED lamps. The Orange and Red LED lamps produced a peak spectral output above 560 nm which falls in the optimal wavelength range of sea turtle friendly lighting; therefore, the 80147 A19 Orange LED and 80148 A19 Red LED lamps meet our criteria for Wildlife Lighting when installed in a certified or downward directed shielded fixture. The approved LED lamps are recommended for use in areas where artificial lighting is needed adjacent to ecologically sensitive areas, sea turtles nesting beaches, migratory corridors, and Dark Sky Friendly communities.

Per the FWC sea turtle lighting guidelines, we will state that the 80147 A19 Orange LED and 80148 A19 Red LED lamps must be installed in a certified or downward directed fixture that shields the light source from being visible from the nearby beach.

The 80147 A19 Orange LED and 80148 A19 Red LED lamps (Certification #2016-019) are Wildlife Lighting approved when installed correctly and used to meet minimal lighting standards. This certification authorizes the use of the Official Wildlife Lighting logo device only with the specified fixture and lamp. In order to keep pace with current research and to constantly improve our wildlife lighting website, we have added an expiration date for wildlife lighting certified products. This is to ensure that if FWC changes the wildlife lighting certification requirements because of new information, then certified products will need to meet or exceed these changes once the certification expires. Wildlife lighting certified products will be valid for 2 years from the date of issuance.

The Wildlife Lighting Program was developed by the Department of the Interior's U.S. Fish and Wildlife Service and the Florida Fish and Wildlife Conservation Commission to address light pollution issues in ecologically sensitive areas while ensuring human safety and security.

If I can be of further assistance in any way, please contact me at (850) 922-4330 or email me directly at Luke.Davis@MyFWC.com. I look forward to working together.

Sincerely,

Lucas Davis, Fisheries and Wildlife Biological Scientist III
Imperiled Species Management Section



cc: Ann Marie Lauritsen, USFWS