



**Florida Fish and Wildlife Conservation Commission**

July 14, 2009

Mr. Matt Ross  
Eco-Smart™ Inc.  
4411 Bee Ridge Road #344  
Sarasota, FL 34233

RE: Wildlife Lighting Analysis

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*Managing fish and wildlife resources for their long-term well-being and the benefit of people.*

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Dear Mr. Ross

Thank you for the opportunity to review the 3 watt red LED turtle light for approval in the Wildlife Lighting Program. Eco Smart™ Inc. provided one (1) 3 watt red LED for analysis. I am pleased to report the above lamp met or exceeded the keep it long criteria for Wildlife Lighting. This lamp, fitted in a wildlife friendly fixture, is recommended for use in areas where artificial lighting is needed adjacent to ecologically sensitive areas, sea turtle nesting beaches, migratory corridors, and Dark Sky Friendly communities.

The 3 watt red LED turtle light produced a peak spectral output of 600-750 nanometers, which falls in the optimal wavelength range of sea turtle friendly lighting.

The 3 watt red LED turtle light provided by Eco-Smart™ Inc. is Wildlife Lighting Approved when installed in a wildlife friendly fixture and used to meet minimal lighting standards. This certification authorizes the use of the Official Wildlife Lighting logo device only with the specified lamps. 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 [karen.shudes@myfwc.com](mailto:karen.shudes@myfwc.com). I look forward to working together.

Sincerely,

**Karen Shudes,**  
Environmental Specialist II  
Imperiled Species Management Section



Cc: Lorna Patrick, USFWS