



June 11<sup>th</sup> 2018

Ryan Peterson, FC Lighting  
3609 Swenson Ave.,  
St. Charles, IL 60174

RE: Wildlife Lighting Certification

**Florida Fish  
and Wildlife  
Conservation  
Commission**

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Thank you for the opportunity to review your products through the Wildlife Lighting Certification Program. We received and tested the FC105A, FCB450A, FCB460A, FCC813A, FCBT690SA, FCBT690A, and FWC1037A fixtures with shielding and Amber LEDs. We are pleased to report that your products met or exceeded all three criteria for Wildlife Lighting. The fixtures are downward directed high intensity luminaires that produce a spectral output above 560 nm. These luminaires are 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.

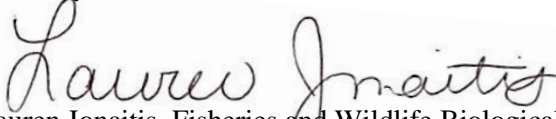
Per the FWC sea turtle lighting guidelines, we will state that wall mounted fixtures shall be installed at a maximum mounting height of 8 feet from the floor and are not recommended for use above the first habitable floor when located on the shore perpendicular or beachside of a structure. Ceiling mounted fixtures if located on the shore perpendicular or beach side of the structure shall be on the ground floor only and equipped with beachside shielding. Bollard fixtures shall have a maximum mounting height of 42 inches, 270 degree beachside shields, and installed facing away from the beach. Step light fixtures must be downward directed, have a maximum mounting height of 24 inches above the ground floor and a maximum mounting height of 12 inches for any floor above the ground floor.

The above referenced products (Certification #2018-049) with Amber LEDs and shielding 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 [Lauren.Jonaitis@MyFWC.com](mailto:Lauren.Jonaitis@MyFWC.com). I look forward to working together.

Sincerely,

  
Lauren Jonaitis, Fisheries and Wildlife Biological Scientist III  
Imperiled Species Management Section

cc: Ann Marie Lauritsen, USFWS

Lucas Davis, FWC

