



October 16th 2018

Eric Peterson
Beachside Lighting
905 Kalaniana'ole Hwy, #29A
Kailua, Hawaii 96734

Florida Fish and Wildlife Conservation Commission

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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

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(800) 955-8771 (T)
(800) 955-8770 (V)

MyFWC.com

RE: Wildlife Lighting Certification

Thank you for the opportunity to review your products through the Wildlife Lighting Certification Program. We received and tested the following lamps/fixtures with Amber LEDs:

2W-A Turtle Friendly, 4W-A Turtle Friendly, E1, L-014-S, E1-S, E2, E8-H, L-011-CM, L-017 / L-017-CR, L-017-B / L-017-B-CR, L-017-C / L-017-C-CR, E17, E3-M, E3-RL, E3-SQL, E9-RCL / E9-RCL-CR, E9-RL / E9-RL-CR, E9-SQL/ E9-SQL-CR, L-012, L-018, L-016, L-016-F, L-016R, L-016R-F, MB1, MB3, MB5, MB6, MB7, MB8, M3, M5, M6, M7, M8, R-003, R-003A, R3, R3A, R-005, R5, R-007, R7, R-008, R8, R-019, R19, STL-A, L-016-SQ, and L-016R-SQ.

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 path light fixtures must be downward directed, recessed and have a maximum height of 12 inches off the ground. 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 #2018-029) with Amber LEDs 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.

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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. 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





8/6/2019

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Beachside Lighting
905 Kalaniana'ole Hwy., #2901
Kailua, Hawaii 96734

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RE: Wildlife Lighting Certificate

Thank you for the opportunity to review your products through the Wildlife Lighting Certification Program. We received and tested the submitted MB4 Bollard and X1/X1-S/X2/X2-S Pathway Light. We are pleased to report that your fixtures meet or exceeded all three criteria for Wildlife Lighting. The fixtures are downward directed with 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 the bollard must be installed with 270° beachside shielding with a maximum mounting height of 42 inches. Bollards must be installed facing away from the beach. Path lights must be downward directed with a maximum mounting height of 24 inches from the ground. Additional shielding may be necessary if directly or indirectly visible from the beach.

The above referenced products, MB4 Bollard (Certification #2019-231) and X1/X1-S/X2/X2-S Pathway Light (Certification #2019-232) are 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 fixtures and lamps. In order to keep pace with current research and to constantly improve our wildlife lighting website, we have added an expiration date for wildlife 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 certificate 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 Rachael.Stevenson@MyFWC.com. I look forward to working together.

Sincerely,

Rachael Stevenson

Rachael Stevenson, Fisheries and Wildlife Biological Scientist III



Imperiled Species Management Section

cc: Ann Marie Lauristen, USFWS

Lucas Davis, FWC