

TURTLE FRIENDLY LIGHTING

Turtle friendly lighting is a selection of flexible lighting options that are safe for sea turtles that nest on our beaches.

When baby turtles hatch from their nests at night, they go toward the brightest light they can see. They are attracted by lights that shine onto the beach and they are killed or injured when they follow these lights away from the sea.

Turtle friendly lighting is a win-win solution: it does not attract baby turtles away from the sea and it meets the needs of beachfront property owners for beautiful, cost-effective, energy efficient lighting.

PHOTO: seaturtlelighting.net

SAFE
FIELD TESTED
ENERGY-EFFICIENT
INCREASES NESTING

Turtle friendly lighting does not mean that beachfront properties must be dark.

Instead, lights can be directed to illuminate only areas of the property that are used by residents instead of shining toward the sky and beach. Baby turtles are also less attracted to certain wavelengths of light such as amber. Amber bulbs are attractive, resembling candle light.



PHOTO: Sea Turtle Conservancy



PHOTO: seaturtlelighting.net

DID YOU KNOW

Turtle nesting occurs all around the Cayman Islands.

Turtle friendly lighting increases nesting and the survival of baby turtles.

Turtle friendly lighting is energy-efficient. On some properties, it has resulted in a 70% decrease in energy costs.

Turtle friendly lighting is safe. Studies show that it does not compromise security and can even enhance it.

Turtle friendly lighting is a proven solution and is legally required in Florida and many other US states.



DoE provides FREE non-binding consultations to discuss turtle friendly lighting options.

For more information visit www.doe.ky/turtles or email emu.doe@gov.ky.

DEPARTMENT OF ENVIRONMENT
CAYMAN ISLANDS GOVERNMENT