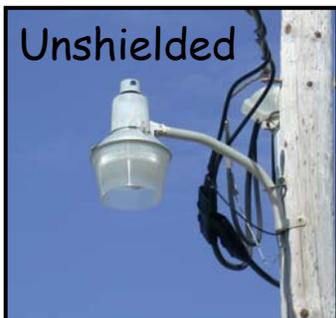


Partners Project: Restoration of sea turtle nesting habitat by changing beachfront lighting

Sea turtle "see" differently than humans. They see light in the shorter wavelengths, the blues and greens which makes sense because they spend their lives in the blue ocean. Artificial beachfront lighting emits these wavelengths of light. Female turtle look for dark beaches to lay nests, a bright beach keeps them away and conversely, hatchling turtles seek the brightest horizon as they emerge from the nest and crawl to the ocean. Hatchlings that do not quickly make it to the ocean could be exposed to predators, become dehydrated, or end up on a highway.

Very simple solutions are available to address most lighting concerns. For street or yard security lights called NEMA-heads, a "skycap" is available. Unshielded lights distribute light in all directions. Shielded lights direct the light where it is needed, on the ground. These shields are inexpensive, \$35.00 and are easy to install.



From this



To this

