

## Lighting Information and Solution Websites

*These web pages are provided for reference only. Please note that some of the fixtures or products shown do not meet Volusia County lighting requirements, and that not all fixtures are appropriate for all locations (For example a specific fixture may be compliant when installed at ground level, but could be out of compliance if installed on a second story).*

**It is the applicant's responsibility to ensure that the correct fixtures are installed in the correct places. County staff is available to provide guidance, see contacts below.**

### Sea Turtle Lighting Tips

*Shield light sources and reflective surfaces so they cannot be seen by someone standing anywhere on the beach. Use long wavelength (RED or Amber LED lights or low wattage bulbs) lights along with shielded fixtures to reduce beach illumination. Keep lights low to the ground (or low-profile) and replace fixtures that scatter light (like globe lights). Plant native vegetation to act as a natural buffer/shield.*

### Volusia County Information and Contacts

Volusia County Environmental Management Sea Turtle Program and Volusia County Lighting Ordinance:  
<http://www.volusiaseaturtles.org> - See "Beachfront Lighting Info"

Environmental Management Staff Contacts: Allison Fulton 386-238-4773, Lighting Associates; Jennifer Winters 386-238-4668, Program Manager; and Stacey Bell 386-238-4716, Field Coordinator.

### Local Companies

<b>Company</b>	<b>Contact</b>	<b>Phone</b>	<b>Website</b>	<b>Comments</b>
Trent Electric	Patty Mihalic	386-673-3311		Fixtures and Shields
Wilson's Electric	Wilson Henriques	386-679-5855		Fixture installation, shielding, consulting
Giles Electric	Alden Jones	386-767-5895	<a href="http://www.gileselectriccompany.com">www.gileselectriccompany.com</a>	Lighting Consultant
Masters Electric	Jerry Masters Sandy Hall	386-304-2600	<a href="http://www.masterslighting.com">www.masterslighting.com</a>	Fixtures and Shields Supplier/Contractor
Wholesale Lighting	Pam McArthur	386-761-2251	<a href="http://www.wholesalelightingdaytona.com">www.wholesalelightingdaytona.com</a>	Lighting Consultant
Cates Lighting	John, Debbie or Wanda	386-677-4757	<a href="http://www.cateslighting.com">www.cateslighting.com</a>	Lighting fixtures and local showroom
Murphy Lighting	Jenni Rule	407-895-7475 800-511-8445	<a href="http://www.murphylighting.com">www.murphylighting.com</a>	Lighting fixtures
Tropical Glass Tinting	Glen Garrow	386-756-6155	<a href="http://www.tropicalglasstinting.com">www.tropicalglasstinting.com</a>	Window Tinting
Island Shutter Company	Joelle Hunter	386-738-9455	<a href="http://www.islandshutter.com">www.islandshutter.com</a>	Window Treatments

## **Online Lighting Fixtures, Shields, Bulbs and Flashlights**

Light Fixtures, Shields, and Shades: Starry Night Lights: [starrynightlights.com/](http://starrynightlights.com/)

Light Fixtures, Shields, and Shades: Green Earth Lighting: [www.greeneearthlighting.com/](http://www.greeneearthlighting.com/)

Amber LED Bulbs, low wattage and energy efficient:

[www.ledlight.com/SearchResult.aspx?KeyWords=amber](http://www.ledlight.com/SearchResult.aspx?KeyWords=amber)

[store.lsgc.com/R20-AMBER-FLOODLIGHT-MEDIUM-EDISON-BASE-P54.aspx](http://store.lsgc.com/R20-AMBER-FLOODLIGHT-MEDIUM-EDISON-BASE-P54.aspx)

FREE Shield for exterior “jelly jar” lights:

[myfwc.com/docs/WildlifeHabitats/Seaturtle\\_HargroveShield\\_5\\_07.pdf](http://myfwc.com/docs/WildlifeHabitats/Seaturtle_HargroveShield_5_07.pdf)

Red LED Flashlights and Filters for night-time beach walkers:

Flashlights - [www.maxximastyle.com/Merchant2/merchant.mvc?](http://www.maxximastyle.com/Merchant2/merchant.mvc?)

Filters - [azalace-art.com/Merchant2/merchant.mvc?Screen=SFNT&Store\\_Code=AZA](http://azalace-art.com/Merchant2/merchant.mvc?Screen=SFNT&Store_Code=AZA)

Volusia Sea Turtle Flashlight Check Out Program – FREE flashlights available to facilities to loan guests. For more info contact County staff listed on front page.

## **Florida Fish and Wildlife Conservation Commission Sea Turtle Information**

[myfwc.com/WILDLIFEHABITATS/seaturtle\\_index.htm](http://myfwc.com/WILDLIFEHABITATS/seaturtle_index.htm)

General Lighting Info and Solutions to Decrease Light-Pollution Affecting Sea Turtles:

[myfwc.com/WILDLIFEHABITATS/Seaturtle\\_Lighting.htm](http://myfwc.com/WILDLIFEHABITATS/Seaturtle_Lighting.htm)

Wildlife lighting program:

[myfwc.com/CONSERVATION/Conservation\\_LivingWith\\_WildlifeLighting\\_index.htm](http://myfwc.com/CONSERVATION/Conservation_LivingWith_WildlifeLighting_index.htm)

Understanding Artificial Lighting and Sea Turtle Nesting behavior:

[research.myfwc.com/features/view\\_article.asp?id=2156](http://research.myfwc.com/features/view_article.asp?id=2156)

Examples of Turtle Friendly Fixtures:

[myfwc.com/WILDLIFEHABITATS/Seaturtle\\_WildlifeLighting.htm](http://myfwc.com/WILDLIFEHABITATS/Seaturtle_WildlifeLighting.htm)

(Volusia County Ordinance is different than FWC Guidelines)

## **Lighting Improvement Grants**

Available grants: [myfwc.com/WILDLIFEHABITATS/Seaturtle\\_Lighting.htm](http://myfwc.com/WILDLIFEHABITATS/Seaturtle_Lighting.htm)

## **Florida Green Building Programs**

Resorts, hotels, and motels: [www.dep.state.fl.us/greenlodging/about.htm](http://www.dep.state.fl.us/greenlodging/about.htm)

High rise, homes, and commercial buildings standards: [www.floridagreenbuilding.org/db/](http://www.floridagreenbuilding.org/db/)