

BHA Expanded Lighting Recommendations and Resources

The BHA Design Guidelines for exterior lighting were adopted to increase the enjoyment of night skies for residents, guests, and wildlife on Bald Head Island. Village Ordinances (Sec. 10-81 through 10-86) are in keeping with the desire to improve the nighttime environment. To assist in the prevention of light pollution, BHA has created this resource with handy links to help property owners understand and choose appropriate lighting fixtures and bulbs.

The [Florida Fish and Wildlife Conservation Commission](#) (FWC) is the leading authority on sea turtle conservation and wildlife/night sky friendly lighting fixtures. The criteria they established for best artificial lighting forms the basis of the BHA lighting guidelines:

- Keep it **LOW** - mount the fixture as low as possible and use the lowest wattage necessary for the needed purpose.
- Keep it **LONG** - use long wavelength (greater than 560 nm) light sources such as amber, orange, and red LEDs.
- Keep it **SHIELDED** - use fixtures that meet or exceed full cutoff that shield lamps or glowing lenses from being directly visible.

You can see examples [HERE](#) of unshielded and shielded bulbs as well as unshielded and shielded light and amber lighting.

For more information check out FWC's technical report, [Understanding, Assessing, and Resolving Light-Pollution Problems on Sea Turtle Nesting Beaches](#). Appendix E contains diagrams illustrating light distribution from shielded and unshielded light sources.

Lighting and ARC Approvals

Any lighting fixtures for new construction or change of existing fixtures require ARC review. The best lighting solutions for a specific property depend on that property's location and style. When submitting lighting for review, consult the BHA Design Guidelines. Please be aware that our marine environment may cause some fixtures to rust prematurely, thus needing repair or replacement. Below are examples of fixtures which have been previously approved by the BHA ARC for other projects.

Copper Hood Fixtures (available at Island Hardware) – Jelly Jar Inserts*

[Satco Nuvo - SF77-136](#)

[Boston Harbour - 6306328](#)

Other Lighting Fixtures*

[Progress Lighting - P5641](#)

[Wave Lighting – S34W](#)

[Auroralight – LSL Agave](#)

[Ligman Lighting - UGI 31592](#)

[Generation Lighting Pohl - 8731701-10](#)

Pathway, Deck, and Stair Lighting*

[Kichler 15765BKT27R LED Deck Light](#)

[Volt Deck Lighting 600-BBZ](#)

[Volt Thin Louvered Step Light](#)

Light Bulbs Sources*

[Volt Lighting](#)

[Home Depot](#)

[Turtle](#)

The Florida Fish and Wildlife Conservation Commission provides a list of [certified lighting*](#) fixtures and bulbs which could be presented to ARC for consideration.

** The links above are provided for convenient illustrative purposes, not endorsements of products or websites. Inclusion in this document does not guarantee ARC approval. Jelly jar lights without a hood are not approvable.*