



Walton County
Public Works Division
Environmental Department

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**Guidance on How to Develop a Lighting Plan for
Walton County's Wildlife Conservation Zone**

Section 5.10.00 of the Walton County Land Development Code establishes standards to promote effective management of exterior and interior lighting for development within 750 feet landward of the mean high water line along the Gulf of Mexico to minimize disturbances to nesting sea turtles, their hatchlings, and other coastal wildlife in a manner that does not jeopardize the safe and secure nighttime use of private property by property owners and their guest. For situations where artificial lighting is required for safety and security, appropriately designed lighting can minimize these impacts by following three criteria: **Keep it Low, Keep it Shielded, and Keep it Long**. To assist in the selection of acceptable fixtures and lamps, the FWC Approved Sea Turtle Lighting guidelines and a database of FWC approved Wildlife Friendly lighting fixtures may be found at: <http://www.myfwc.com/wildlifehabitats/managed/sea-turtles/turtles-lights/>.

Required Components of a Lighting Plan

(Required for new development including redevelopment and substantial improvements)

An adequate lighting plan for sea turtle protection should incorporate the three criteria listed above. In addition, the following components are necessary items and information that should be included on or with each lighting plan:

1. Plan view depicting all proposed structures;
2. Dimensioned drawing showing the location of all existing and proposed permanent exterior structure and landscape lighting. Fixtures should be clearly marked by distinctive labels (A, a, B, b etc.) and easily identified and enumerated. A Lighting Fixture Schedule (table) should be included documenting each fixture and lamp illustrated on the plan (see template below).
3. Manufacturer cutsheets for each proposed fixture and lamps/bulbs if not specified by the fixture manufacturer. Selected model numbers should be indicated on each cutsheet as well as the corresponding label indicated on the dimensioned drawing.
4. Profile (side)/elevation views of structure depicting the line of sight from the mean high water.
5. Wildlife Lighting Notification Affidavit, parcel identification number, aerial photo, and location map.

6. Evidence that all proposed lighting seaward of the CCCL has been approved by the Florida Department of Environmental Protection.
7. The "North" direction and the location of the beach should be clearly marked on each drawing listed above as appropriate.
8. The notes section on the dimensioned drawing and construction plans should specify that tinted glass or film with a visible light transmittance value of forty-five (45) percent or less shall be applied to all glass windows, doors and walls.
9. Description/summary of proposed project and structures. The description should include whether or not parking areas/garages are fully enclosed, if outdoor fire pits, televisions or tiki torches will be included.
10. Additional notes and information regarding spa, pool and pool deck lighting should be included in the description/summary and plans as indicated below.

Template Lighting Fixture Schedule

The following template example should be used when developing a lighting fixture schedule for documentation of fixtures and lamps in lighting plans. Example text has been included in the below template for reference.

LIGHTING FIXTURE SCHEDULE

Fixture Label ¹	Fixture Type	Manufacturer and Catalog No.	Fixture Quantity	Lamp Type Color and Wattage	Mounting ² Type and Height	Location of Fixture ³	Structure Level ⁴	Fixture has been installed (Yes or No)
A	Canister downlight	BK lighting EC-LED-E27-MFL-WHP-12-11-B	10	7.9w Amber LED	Wall 8'	B, L, S	Ground	No
B	Louvered steplight	Bega 2038 LED	40	9.0w Amber LED	Wall 12"	B, L, S	Ground	No
C	Bump pathlight	Bega 8671 Amber LED	36	5.0w Amber LED	At grade	B	Ground	No

Notes:

¹Fixture labels on lighting plans should be clearly marked with distinctive labels (A, a, B, b etc.) for each fixture type used and ensure that the quantity in the table coincides with the quantity of fixtures indicated on the plans.

²Mounting type should indicate ceiling, wall, or other location; height references distance to the finished floor.

³Location of fixture should be indicated relative to the structure and/or landscape (i.e. Landward side = L (fully shielded by structure), Beach side = B, Shore perpendicular side = S).

⁴Structure level should be indicated as follows: Ground (Level 1), Second, Third, etc., Pool Deck or Roof.