

# Tequesta Residence

Garden Light LED | Tampa, FL



A FIXTURE FOR LIFE



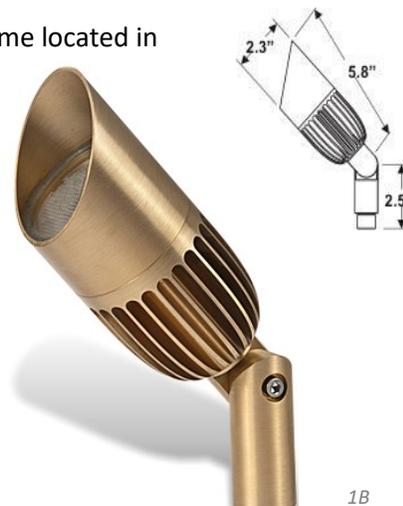
Innovative. Precise. Sustainable.

**Big Picture Solutions** relies on a **Lutron®** powered drive system with **Garden Light LED** fixtures to help fulfill its innovative business goals.

## Challenge

The Tequesta project is a six-thousand square foot home located in South Florida. Big Picture Solutions, must tailor the project to the homeowners' primary goals: to install excellent quality lights, to mirror the creation of an environment that is inviting; and to have a functional system that increases energy efficiency.

*"Environmentally  
Conscious Products.  
Greener energy  
resources are key to  
the planet's well  
being."*



1B

# Solution

## LED Dimming Driver, Hi-lume 1% EcoSystem / 3-Wire L#D, Architectural Dimming

The Lutron EcoSystem, Total Light Management with Green Glance technology, allows Tequesta to expand its offerings. Now, homeowners will have control to adjust lighting in each zone of the house. The lights will promote tailored ambiance enhancements for any occasion.

The system accepts inputs from a variety of sensors. In addition, a key feature is, syncing with the home's security system. The automations allow lighting to luminate throughout the home. This "smart" technology will even respond to the availability of daylight.

Garden Light LED Integrated lighting technology is a turnkey system. Naturally, the dimming feature is a key aspect of the Lutron System. Homeowners can adjust the light temperature; as well as, turn the lights on and off whenever desired. Seven lighting zones (per this project) can be managed simultaneously or individually. The homeowners will have a diverse choice to make the appropriate adjustments for any occasion.

The project has a total of one-hundred-ninety-four Garden Light LED fixtures, equipped with State-of-the-Art LED Diodes – diodes are how the "magic" happens. The Diodes have a broad range of dimming options ranging from 0-10. This range is amazing with respects to lighting. The homeowners can set a moonlit type tone; but, can easily adjust to complement a high-energy event.

2A



## Lutron® Case Type Hi-lume 1% EcoSystem/3-Wire L3D



2B



2D

2A. (left): Hi-lume 1% EcoSystem/3-Wire L3D Zone Driver. 2B. (top far left): K-case mounted on a 4.00in.W x 1.50in.H x 4.00in. L junction box to provide wiring compartment. 2C. (top far right): Case type M 1.18 in.W x 1.00in.H x 14.25in.L. 2D. (bottom): Case type M 3.00in.W x 1.00in.H x 4.9in.L.

# Results

The installed light control system provides peace of mind for the homeowners. The power output adjustments are paramount to the elimination of wasted energy. Lights being left on all night at full power, is no longer an issue. In addition, the system provides an interactive experience - want more light, perfect; want less light, done. The combinations of possibilities are endless.

The fixtures used on the property are made in America. The use of Solid-Brass or Stainless-Steel housings are manufactured by an in-house CNC machine. This process helps maintain a very high-level of quality control; therefore, the integrated systems have an unprecedented twenty-year warranty.

